2. SP Mode Tables

Service Table Key

Notation	What it means
[range / default/step]	Example: [-9 to +9 / 0 / 0.1 mm step]. The setting can be adjusted in the range ±9, value reset to +3.0 after an NVRAM reset, and the value can be changed in 0.1 mm steps with each key press.
*	Value stored in NVRAM. After a RAM reset, this default value (factory setting) is restored.
DFU	Denotes "Design or Factory Use". Do not change this value.
Japan only	The feature or item is for Japan only. Do not change this value.
SSP	This denotes a "Special Service Program" mode.
FSP	This denotes a "Factory Service Program" mode.

2

Main SP Tables-1

SP1-XXX (Feed)

1001	**[Leading Edge Registration]**		
	Adjust the image position against the transfer paper by adjusting timing of start registration. Reflects adjustment values with no change. "+" is the direction from which images come out. (Makes the registration start fast.) "–" is the direction which images disappear. (Makes the registration start slow.)		
001	Tray: Thin	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
002	Tray: Plain	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
003	Tray: Mid-thick	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
004	Tray: Thick 1	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
005	Tray: Thick 2	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
006	Tray: Thick 3	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
007	Tray: Thick 4	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
008	By-pass: Thin	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
009	By-pass: Plain	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
010	By-pass: Mid-thick	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
011	By-pass: Thick 1	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
012	By-pass: Thick 2	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
013	By-pass: Thick 3	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
014	By-pass: Thick 4	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
015	Duplex: Thin	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
016	Duplex: Plain	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
017	Duplex: Mid-thick	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
018	Duplex: Thick 1	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]

019	Duplex: Thick 2	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
020	Duplex: Thick 3	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
021	Tray: Thin:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
022	Tray: Plain:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
023	Tray: Mid-thick:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
024	Tray: Thick 1:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
025	Tray: Thick 2:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
026	Tray: Thick 3:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
027	Tray: Thick 4:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
028	By-pass: Thin:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
029	By-pass: Plain:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
030	By-pass: Mid-thick:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
031	By-pass: Thick 1:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
032	By-pass: Thick 2:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
033	By-pass: Thick 3:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
034	By-pass: Thick 4:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
035	Duplex: Thin:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
036	Duplex: Plain:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
037	Duplex: Mid-thick:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
038	Duplex: Thick 1:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
039	Duplex: Thick 2:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]
040	Duplex: Thick 3:1200	*ENG	[-9.0 to 9.0 / **0.0** / 0.1mm/step]

1002	[Side-to-Side Registration]		
	Adjust image position against the transfer paper by adjusting start position for writing. Reflects adjustment values with no change. "+" is the direction to which images shift. (Trimming area in the left increases.) "-" is the direction to which images shift. (Trimming area in the left decreases.)		
001	By-pass Tray	ENG	[-4.0 to 4.0 / 0.0 / 0.1mm/step]
002	Paper Tray 1	ENG	
003	Paper Tray 2	ENG	
004	Paper Tray 3	ENG	
005	Paper Tray 4	ENG	
006	Duplex	*ENG	[-4.0 to 4.0 / 0.0 / 0.1mm/step]
007	Large Capacity Tray	*ENG	[-4.0 to 4.0 / 0.0 / 0.1mm/step]

1003	[Paper Buckle]		
001	Paper Tray1: Thin	*ENG	[-4.0 to 5.0 / 0.0 / 0.1mm/step]
002	Paper Tray1: Plain	*ENG	[-4.0 to 5.0 / 0.0 / 0.1mm/step]
003	Paper Tray 1: Mid-thick	*ENG	[-4.0 to 5.0 / 0.0 / 0.1mm/step]
004	Paper Tray1: Thick1	*ENG	[-4.0 to 5.0 / -2.0 / 0.1mm/step]
005	Tray2/3/4/5/LCT: Thin	*ENG	[-4.0 to 5.0 / 0.0 / 0.1mm/step]
006	Tray2/3/4/5/LCT: Plain	*ENG	[-4.0 to 5.0 / 0.0 / 0.1mm/step]
007	Tray 2/3/4/5/LCT: Mid-thick	*ENG	[-4.0 to 5.0 / 0.0 / 0.1mm/step]
008	Tray2/3/4/5/LCT: Thick 1	*ENG	[-4.0 to 5.0 / -2.0 / 0.1mm/step]
009	By-pass: Thin	*ENG	[-4.0 to 5.0 / 0.0 / 0.1mm/step]
010	By-pass: Plain	*ENG	[-4.0 to 5.0 / 0.0 / 0.1mm/step]
011	By-pass: Mid-thick	*ENG	[-4.0 to 5.0 / 0.0 / 0.1mm/step]
012	By-pass:Thick1	*ENG	[-4.0 to 5.0 / -1.0 / 0.1mm/step]
013	Duplex:Thin	*ENG	[-4.0 to 5.0 / -1.5 / 0.1mm/step]

014	Duplex:Plain	*ENG	[-4.0 to 5.0 / **-1.5** / 0.1mm/step]
015	Duplex: Mid-thick	*ENG	[-4.0 to 5.0 / **-1.5** / 0.1mm/step]
016	Duplex:Thick1	*ENG	[-4.0 to 5.0 / **-1.5** / 0.1mm/step]
017	Paper Tray1: Thin:1200	*ENG	[-4.0 to 5.0 / **0.0** / 0.1mm/step]
018	Paper Tray1: Plain:1200	*ENG	[-4.0 to 5.0 / **0.0** / 0.1mm/step]
019	Paper Tray 1: Mid-thick:1200	*ENG	[-4.0 to 5.0 / **0.0** / 0.1mm/step]
020	Paper Tray1: Thick1:1200	*ENG	[-4.0 to 5.0 / **-2.0** / 0.1mm/step]
021	Tray2/3/4/5/LCT: Thin:1200	*ENG	[-4.0 to 5.0 / **0.0** / 0.1mm/step]
022	Tray2/3/4/5/LCT: Plain:1200	*ENG	[-4.0 to 5.0 / **0.0** / 0.1mm/step]
023	Tray2/3/4/5/LCT: Mid:1200	*ENG	[-4.0 to 5.0 / **0.0** / 0.1mm/step]
024	Tray2/3/4/5/LCT: Thick 1:1200	*ENG	[-4.0 to 5.0 / **-2.0** / 0.1mm/step]
025	By-pass: Thin:1200	*ENG	[-4.0 to 5.0 / **0.0** / 0.1mm/step]
026	By-pass: Plain:1200	*ENG	[-4.0 to 5.0 / **0.0** / 0.1mm/step]
027	By-pass: Mid-thick:1200	*ENG	[-4.0 to 5.0 / **0.0** / 0.1mm/step]
028	By-pass:Thick1:1200	*ENG	[-4.0 to 5.0 / **-1.0** / 0.1mm/step]
029	Duplex:Thin:1200	*ENG	[-4.0 to 5.0 / **-1.5** / 0.1mm/step]
030	Duplex:Plain:1200	*ENG	[-4.0 to 5.0 / **-1.5** / 0.1mm/step]
031	Duplex: Mid-thick:1200	*ENG	[-4.0 to 5.0 / **-1.5** / 0.1mm/step]
032	Duplex:Thick1:1200	*ENG	[-4.0 to 5.0 / **-1.5** / 0.1mm/step]

1007	[By-Pass Size Detection]
	-

001	Switch LT SEF/LG SEF	ENG	[0 or 1 / **0** / 1/step] 0:OFF 1:ON
	Select either LT SEF or LG SEF to detect preferentially when using bypass tray which can not auto detect size.		
002	By-Pass Jam Detection Set	ENG	[0 or 1 / **0** / 1/step] 0: Normal Detection 1: Simple Detection
	Special order function for old models: When receiving long length FAX, enter max. size of custom size for when setting receiving in bypass size, prevent from jamming shorter data than that. 0: Normal detect : when paper size is different form set size (longer of shorter), jam. 1: Simple detect: Jam when paper size is longer than set size.		

1008	[SI By-Pass Size Detection Adj]		
	-		
001	Sidefence Auto Adj	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	With one action bypass models, switches do or do not side fence auto fine tune when paper is set. But when setting auto fine tune off, detectable paper size will drop to same as regular bypass tray.		
003	Paper Set Fix Time	*ENG	[0 to 10 / **2** / 1sec/step]
	Set the waiting time to activate the side fence auto adjustment after a stack of paper has been set on the by-pass tray. Will have more time till side fence to star moving when setting waiting time longer, but time for setting paper will also be loner. If waiting time is short, side fence might star to move during setting paper. SC or malfunction or so will not occur.		

004	Sidefence Contact Detction:Timeout Adj Value	*ENG	[-200 to 4000 / 0 / 100msec/ step]
	With one action bypass tray, displays an alert message when side fence and paper are more then 10mm apart due to not able to auto adjust. Adjust that distance. Plus make movable distance longer.		
005	Sidefence Adj Correction Value	*ENG	[0.00 to 4.00 / 0.00 / 0.01mm/step]
	Fine tunes the distance of paper and side fence for one action bypass tray. Plus makes more distance.		
006	Sidefence F adj1	*ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Side fence of one action bypass: enter value of front sensor touched down (papers exist).		
007	Sidefence F adj2	*ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Side fence of one action bypass: enter value of front sensor free (paper doesn't exist).		
008	Sidefence R adj1	*ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Side fence of one action bypass: enter value of rear sensor touched down (papers exist).		
009	Sidefence R adj2	*ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Side fence of one action bypass: enter value of rear sensor free (paper doesn't exist).		

2

010	Envelope Choukei 4_SEF/Postcard_SEF Th	*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
011	Envelope Choukei 3_SEF/B6_SEF Threshold	*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
012	B6_SEF/HLT_SEF Threshold	*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
013	HLT_SEF/A5_SEF Threshold	*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
014	A5_SEF/(C6/Envelope Youkei 2)_LEF,B5_SEF Th	*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
015	(C6/Envelope Youkei 2)_LEF/Monarch_LEF Th	*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		

016		*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	Monarch_LEF/(F/GL)_SEF,DoublePostcard_LEF Th		
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
017		*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	(F/GL)_SEF,DoublePostc_LEF/A5_LEF,LT_SEF Th		
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
018		*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	A5_LEF/DL Env_LEF Threshold		
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
019		*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	LT_SEF/SRA4_SEF Threshold		
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
020		*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	DL Env_LEF/C5_LEF Threshold		
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
021		*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	SRA4_SEF/Envelope Youchou 3_LEF Threshold		
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		

2

022	C5_LEF/COM10_LEF,Env Kaku 2_SEF Threshold	*ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
023	(EvYouc3,COM10)LEF,EvKa2SEF/10x14SEF,B5LEFTh	*ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
024	10 x 14_SEF/Exe_LEF, 8K_SEF Threshold	*ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
025	Exe_LEF, 8K_SEF/DLT_SEF Threshold	*ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
026	DLT_SEF/A3_SEF Threshold	*ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
027	A3_SEF/12 x 18_SEF Threshold	*ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		

028	12 x 18_SEF/SRA3_SEF Threshold	*EN G	[0.000 to 3.300 / **0.000** / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
029	Switch Env Youchou 3 LEF/Env Youkei 4 LEF	*EN G	[0 or 1 / **0** / 1/ step] 0: OFF 1: ON
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
030	Switch LT SEF/LG SEF	*EN G	[0 or 1 / **0** / 1/ step] 0: OFF 1: ON
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
031	Switch C5 LEF/SRA4	*EN G	[0 or 1 / **0** / 1/ step] 0: OFF 1: ON
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
032	Main Scan Size Adj	ENG	[0 or 1 / **0** / 1/ step]
	Fine tunes side fence position sensor of one action bypass tray.		
033	Main Scan Size Adj Result (0:Fail 1:Succeed)	ENG	[0 or 1 / **0** / 1/ step]
	Displays result of fine tuning side fence position sensor of one action bypass tray.		
034	Paper Press Amt Adj Value	*EN G	[-1.6 to 3.0 / **0.0** / 0.1mm/ step]
	Have pressuring time for side fence of one action bypass tray (for truing up the paper) When making this value larger than necessary, side effects might occur like thin paper buckling.		

035	Postcard_SEF/Envelope Choukei 3_SEF Th	*ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		

1009	[Initial Operation Setting]		
	Switches 1: ON 0: OFF of register back rush removal when recovering form sleep mode. With default setting, this is OFF prior less noise.		
001	Registration Gear Backlash Cut	*ENG	[0 or 1 / 0 / 1/step] 0:OFF 1:ON

1101	[Reload Permit Setting]		
001	Pre-rotation Start Temp.	*ENG	[0 to 200 / 0 / 1deg/step]
	Do not change. Temperature for when to switch form no rotate heating to stand up heating.		
002	Reload Target Temp.:Center	*ENG	[0 to 190 / D146:123, D147:123, D148:141, D149:157, D150:157 / 1deg/step]
	Do not change. Reload permission target temperature: center		
003	Reload Target Temp.:Press	*ENG	[0 to 200 / D146:120, D147:120, D148:150, D149:148, D150:148 / 1deg/step]
	Do not change. Reload permission target temperature: pressure		

004	Temp.:Delta:Cold:Center	*ENG	[0 to 200 / **D146:31, D147:31, D148:33, D149:32, D150:32** / 1deg/ step]
	Do not change. Difference value from reload permission target value: cold: center		
005	Temp.:Delta:Cold:End	*ENG	[0 to 200 / **D146:31, D147:31, D148:33, D149:32, D150:32** / 1deg/ step]
	Do not change. Reload permission temperature: difference: cold: edge		
006	Temp.:Delta:Cold:Press	*ENG	[0 to 200 / **D146:110, D147:110, D148:110, D149:90, D150:90** / 1deg/ step]
	Do not change. Difference value from reload permission target value: cold: pressure		
007	Forced Reload Time:Cold	*ENG	[0.0 to 100.0 / **D146: 4.9, D147: 4.9, D148: 5.0, D149: 6.1, D150: 6.1** / 0.1sec/step]
	Do not change. Force reload time when cold		
008	Temp.:Delta:Low Power:Center	*ENG	[0 to 200 / **5** / 1deg/step]
	Do not change. Difference value from reload permission target value: warm: center		

009	Temp.:Delta:Low Power:End	*ENG	[0 to 200 / 5 / 1deg/step]
	Do not change. Reload permission temperature: difference: warm: edge		
010	Temp.:Delta:Low Power:Press	*ENG	[0 to 200 / D146:110, D147:110, D148:110, D149:90, D150:90 / 1deg/step]
	Do not change. Difference value from reload permission target value: warm: pressure		
011	Forced Reload Time:Low Power	*ENG	[0.0 to 100.0 / D146: 49, D147: 49, D148: 50, D149: 61, D150: 61 / 0.1sec/step]
	Do not change. Force reload time when warm		
012	Temp.:Delta:Hot:Center	*ENG	[0 to 200 / 5 / 1deg/step]
	Do not change. Difference value from reload permission target value: hot: center		
013	Temp.:Delta:Hot:End	*ENG	[0 to 200 / 5 / 1deg/step]
	Do not change. Reload permission temperature: difference: hot: edge		
014	Temp.:Delta:Hot:Press	*ENG	[0 to 200 / D146:110, D147:110, D148:110, D149:90, D150:90 / 1deg/step]
	Do not change. Difference value from reload permission target value: hot: pressure		

015	Forced Reload Time:Hot	*ENG	[0.0 to 100.0 / **D146: 4.9, D147: 4.9, D148: 5.0, D149: 6.1, D150: 6.1** / 0.1sec/step]
	Do not change. Force reload time when hot		
016	Temp.:Delta:Cold:BW1/2:Center	*ENG	[0 to 200 / **D146:31, D147:31, D148:33, D149:32, D150:32** / 1deg/step]
	Do not change. Difference value from reload permission target value: cold BW: center		
017	Temp.:Delta:Cold:BW1/2:End	*ENG	[0 to 200 / **D146:31, D147:31, D148:33, D149:32, D150:32** / 1deg/step]
	Do not change. Difference value from reload permission target value: cold BW: edge		
018	Temp.:Delta:Cold:BW1/2:Press	*ENG	[0 to 200 / **D146:110, D147:110, D148:110, D149:90, D150:90** / 1deg/step]
	Do not change. Difference value from reload permission target value: cold BW: pressure		

2

019	Forced Reload Time:Cold:BW1/2	*ENG	[0.0 to 100.0 / **D146:42, D147:42, D148:50, D149:61, D150:61** / 0.1sec/step]
	Do not change. Force reload time when cold BW		
101	Reload Target Temp.:Center:Energy Saving	*ENG	[0 to 200 / **D146: 115, D147: 115, D148: 125, D149: 127, D150: 127** / 1deg/step]
	Do not change. Reload permission target temperature: center BW2		
102	Reload Target Temp.:Press:Energy Saving	*ENG	[0 to 200 / **D146:120, D147:120, D148:120, D149:100, D150:100** / 1deg/step]
	Do not change. Reload permission target temperature: pressure BW2		
103	Temp.:Delta:Cold:Energy Saving:Center	*ENG	[0 to 200 / **40** / 1deg/step]
	Do not change. Reload permission temperature: difference: cold: center		
104	Temp.:Delta:Cold:Energy Saving:End	*ENG	[0 to 200 / **100** / 1deg/step]
	Do not change. Reload permission temperature: difference: cold BW2: edge		
105	Temp.:Delta:Cold:Energy Saving:Press	*ENG	[0 to 200 / **70** / 1deg/step]
	Do not change. Reload permission temperature: difference: cold BW2: edge		

106	Forced Reload Time:Cold:Energy Saving	*ENG	[0.0 to 100.0 / **D146:300, D147:300, D148:200, D149:340, D150:340** / 0.1sec/step]
	Do not change. Force reload time when cold BW2		
151	Temp.:Delta:Low Temp.:Center	*ENG	[0 to 200 / **5** / 1deg/step]
	Do not change. Difference value from reload permission target value: low temp: center		
152	Temp.:Delta:Low Temp.:End	*ENG	[0 to 200 / **5** / 1deg/step]
	Do not change. Reload permission temperature: difference: low temp: edge		
153	Temp.:Delta:Low Temp.:Press	*ENG	[0 to 200 / **D146, D147:70, D148(NA, TW): 40, D148(EU, AS, CHN, KOR): 35, D149, D150: 33** / 1deg/step]
	Do not change. Difference value from reload permission target value: low temp: pressure		
154	Forced Reload Time:Low Temp.	*ENG	[0.0 to 100.0 / **60.0** / 0.1sec/step]
	Do not change. Force reload time when low temp.		
201	Temp.:Delta:Cold:Center:FIN-less/ADF-less	*ENG	[0 to 200 / **D146:31, D147:31, D148:33, D149:32, D150:32** / 1deg/step]
	Do not change. Reload permission temperature: difference: cold center: No FIN/No ADF		

2

202	Temp.:Delta:Cold:End:FIN-less/ADF-less	*ENG	[0 to 200 / **D146:31, D147:31, D148:33, D149:32, D150:32** / 1deg/ step]
	Do not change. Reload permission temperature: difference: cold edge: No FIN/No ADF		
203	Temp.:Delta:Cold:Press:FIN-less/ADF-less	*ENG	[0 to 200 / **D146:110, D147:110, D148:110, D149:90, D150:90** / 1deg/ step]
	Do not change. Reload permission temperature: difference: cold pressure: No FIN/No ADF		
204	Forced Reload Time:Cold:FIN-less/ADF-less	*ENG	[0.0 to 100.0 / **D146:4.9, D147:4.9, D148:5.0, D149:6.1, D150:6.1** / 0.1sec/step]
	Do not change. Reload permission force reload time: cold: No FIN/No ADF		
211	Temp:Delta:Cold:Center:FIN-less/ADF-attached	*ENG	[0 to 200 / **D146:31, D147:31, D148:33, D149:32, D150:32** / 1deg/ step]
	Do not change. Reload permission temperature: difference: cold center: No FIN/With ADF		

212	Temp.:Delta:Cold:End:FIN-less/ADF-attached	*ENG	[0 to 200 / **D146:31, D147:31, D148:33, D149:32, D150:32** / 1deg/ step]
	Do not change. Reload permission temperature: difference: cold edge: No FIN/With ADF		
213	Temp.:Delta:Cold:Press:FIN-less/ADF-attached	*ENG	[0 to 200 / **D146:110, D147:110, D148:110, D149:90, D150:90** / 1deg/ step]
	Do not change. Reload permission temperature: difference: cold pressure: No FIN/With ADF		
214	ForcedReloadTime:Cold:FIN-less/ADF-attached	*ENG	[0.0 to 100.0 / **D146:4.9, D147:4.9, D148:5.0, D149:6.1, D150:6.1** / 0.1sec/step]
	Do not change. Reload permission force reload time: cold: No FIN/With ADF		

1102	[Feed Permit Setting]		
001	Temp.:Lower Delta:Center	*ENG	[0 to 200 / **D146:40, D147:40, D148:52, D149:40, D150:40** / 1deg/ step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : center		
002	Temp.:Lower Delta:End	*ENG	[0 to 200 / **D146:40, D147:40, D148:52, D149:40, D150:40** / 1deg/ step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : edge		

003	Temp.:Upper Delta:Center	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : center		
004	Temp.:Upper Delta:End	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : edge		
005	Temp.:Lower Delta:Press	*ENG	[0 to 200 / **D146, 147: 90, D148(NA, TW): 80, D148(EU, AS, CHN, KOR): 83, D149 and D150(NA, TW): 95, D149 and D150(EU, AS, CHN, KOR): 100** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : pressure		
006	Rotation Time	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Paper feed start permission temp. : before decision rotate time		
007	Temp.:Lower Delta:Center:Sp.1	*ENG	[0 to 200 / **5** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : center: special mode 1		
008	Temp.:Lower Delta:End:Sp.1	*ENG	[0 to 200 / **5** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : edge: special mode 1		
009	Temp.:Upper Delta:Center:Sp.1	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : center: special mode 1		
010	Temp.:Upper Delta:End:Sp.1	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : edge: special mode 1		
011	Temp.:Lower Delta:Press:Sp.1	*ENG	[0 to 200 / **D146:45, D147:45, D148:5, D149:5, D150:5** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : pressure: special mode 1		

012	Rotation Time:Sp.1	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Paper feed permission setting rotate before decision time: special mode 1		
013	Temp.:Lower Delta:Center:Sp.2	*ENG	[0 to 200 / **5** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : center: special mode 2		
014	Temp.:Lower Delta:End:Sp.2	*ENG	[0 to 200 / **5** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : edge: special mode 2		
015	Temp.:Upper Delta:Center:Sp.2	*ENG	[0 to 200 / **15** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : center: special mode 2		
016	Temp.:Upper Delta:End:Sp.2	*ENG	[0 to 200 / **15** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : edge: special mode 2		
017	Temp.:Lower Delta:Press:Sp.2	*ENG	[0 to 200 / **100** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : pressure: special mode 2		
018	Rotation Time:Sp2	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Paper feed permission setting rotate before decision time: special mode 2		
019	Feed Permit Time	*ENG	[0 to 100 / **60** / 1sec/step]
	Do not change. Setting time between Before paper feed action form paper feed permission.		
020	Temp.:Lower Delta:Center	*ENG	[0 to 200 / **D146:40, D147:40, D148:52, D149:40, D150:40** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : center		
021	Temp.:Lower Delta:End	*ENG	[0 to 200 / **D146:40, D147:40, D148:52, D149:40, D150:40** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : edge		

022	Temp.:Upper Delta:Center	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : center		
023	Temp.:Upper Delta:End	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : edge		
024	Temp.:Lower Delta:Press	*ENG	[0 to 200 / **D146:26, D147:26, D148:8, D149:17, D150:17** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : pressure		
025	Temp.:Lower Delta:Press	*ENG	[0 to 200 / **D146:43, D147:43, D148:25, D149:34, D150:34** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : pressure		
026	Rotation Time	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Paper feed start permission temp. : before decision rotate time		
027	Temp.:Lower Delta:Center	*ENG	[0 to 200 / **5** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : center		
028	Temp.:Lower Delta:End	*ENG	[0 to 200 / **5** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : edge		
029	Temp.:Upper Delta:Center	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : center		
030	Temp.:Upper Delta:End	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : edge		
031	Temp.:Lower Delta:Press	*ENG	[0 to 200 / **D146:11, D147:11, D148:5, D149:11, D150:11** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : pressure		

032	Temp.:Lower Delta:Press	*ENG	[0 to 200 / **D146:28, D147:28, D148:22, D149:28, D150:28** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : pressure		
033	Rotation Time	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Paper feed start permission temp. : before decision rotate time		
034	Temp.:Lower Delta:Center	*ENG	[0 to 200 / **5** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : center		
035	Temp.:Lower Delta:End	*ENG	[0 to 200 / **5** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : edge		
036	Temp.:Upper Delta:Center	*ENG	[0 to 200 / **15** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : center		
037	Temp.:Upper Delta:End	*ENG	[0 to 200 / **15** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : edge		
038	Temp.:Lower Delta:Press	*ENG	[0 to 200 / **100** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : pressure		
039	Temp.:Lower Delta:Press	*ENG	[0 to 200 / **15** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : pressure		
040	Rotation Time	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Paper feed start permission temp. : before decision rotate time		
041	Judgment Power A	*ENG	[0 to 2000 / **D146(NA, TW): 1405, D146(EU, AS, CHN, KOR): 1515, D147(NA, TW): 1400, D147(EU, AS, CHN, KOR):1510, D148(NA, TW): 1355, D148(EU, AS, CHN, KOR): 1615, D149(NA, TW): 1315, D149(EU, AS, CHN, KOR): 1575, D150(NA, TW): 1300, D150(EU, AS, CHN, KOR): 1560** / 1W/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : center		

042	Temp.:Lower Delta:Center:Power A	*ENG	[0 to 200 / **D146:40, D147:40, D148:52, D149:40, D150:40** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : center		
043	Temp.:Lower Delta::Power A	*ENG	[0 to 200 / **D146:40, D147:40, D148:52, D149:40, D150:40** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : edge		
044	Temp.:Upper Delta:Center:Power A	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : center		
045	Temp.:Upper Delta:End:Power A	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : edge		
046	Temp.:Lower Delta:Press:Power A	*ENG	[0 to 200 / **D146, D147:77, D148: 71, D149:NA TW: 37, D149(EU, AS, CHN, KOR): 63, D150(NA, TW): 25, D150(EU, AS, CHN, KOR): 45** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : pressure		
047	Rotation Time:Power A	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Paper feed start permission temp. : before decision rotate time		
051	Judgment Power B	*ENG	[0 to 2000 / **D146(NA, TW): 1320, D146(EU, AS, CHN, KOR): 1430, D147(NA, TW): 1315, D147(EU, AS, CHN, KOR):1425, D148(NA, TW): 1270, D148(EU, AS, CHN, KOR): 1530, D149(NA, TW): 1225, D149(EU, AS, CHN, KOR): 1485, D150(NA, TW): 1215, D150(EU, AS, CHN, KOR): 1475** / 1W/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : center		

052	Temp.:Lower Delta:Center:Power B	*ENG	[0 to 200 / **D146:40, D147:40, D148:52, D149:40, D150:40** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : center: special mode 1		
053	Temp.:Lower Delta:End:Power B	*ENG	[0 to 200 / **D146:40, D147:40, D148:52, D149:40, D150:40** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : edge: special mode 1		
054	Temp.:Upper Delta:Center:Power B	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : edge: special mode 1		
055	Temp.:Upper Delta:End:Power B	*ENG	[0 to 200 / **30** / 1deg/step]
	Do not change. Paper feed start permission temp. upper diff from target temp. : edge: special mode 1		
056	Temp.:Lower Delta:Press:Power B	*ENG	[0 to 200 / **D146, D147:77, D148:71, D149(NA TW): 37, D149(EU, AS, CHN, KOR): 63, D150(NA, TW): 25, D150(EU, AS, CHN, KOR): 43** / 1deg/step]
	Do not change. Paper feed start permission temp. lower diff from target temp. : pressure: special mode 1		
057	Rotation Time:Power B	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Paper feed permission setting rotate before decision time: special mode 1		

1105	**[Print Target Temp.]**

001	Plain1:FC:Center	*ENG	[100 to 180 / **D146:118, D147:118, D148:131, D149:147, D150:147** / 1deg/step]
	Paper through target temperature: Standard paper 1: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
002	Plain1:FC:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:138, D150:138** / 1deg/step]
	Do not change. paper through target temperature: Standard paper 1: FC: pressure		
003	Plain1:BW:Center	*ENG	[100 to 180 / **D146:115, D147:115, D148:126, D149:142, D150:142** / 1deg/step]
	Paper through target temperature: Standard paper 1: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
004	Plain1:BW:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:133, D150:133** / 1deg/step]
	Do not change. paper through target temperature: Standard paper 1: BW: pressure		
005	Plain2:FC:Center	*ENG	[100 to 180 / **D146:123, D147:123, D148:141, D149:157, D150:157** / 1deg/step]
	Paper through target temperature: Standard paper 2: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
006	Plain2:FC:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:143, D150:143** / 1deg/step]
	Do not change. paper through target temperature: Standard paper 2: FC: pressure		

007	Plain2:BW:Center	*ENG	[100 to 180 / **D146:120, D147:120, D148:136, D149:148, D150:148** / 1deg/step]
	Paper through target temperature: Standard paper 2: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
008	Plain2:BW:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:120, D150:120** / 1deg/step]
	Do not change. paper through target temperature: Standard paper 2: BW: pressure		
009	Thin:FC:Center	*ENG	[100 to 180 / **D146:114, D147:114, D148:116, D149:132, D150:132** / 1deg/step]
	Paper through target temperature: thin paper: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
010	Thin:FC:Press	*ENG	[0 to 200 / **D146:114, D147:114, D148:116, D149:132, D150:132** / 1deg/step]
	Do not change. paper through target temperature: thin paper: FC: pressure		
011	Thin:BW:Center	*ENG	[100 to 180 / **D146:114, D147:114, D148:116, D149:132, D150:132** / 1deg/step]
	Paper through target temperature: thin paper: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
012	Thin:BW:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: thin paper: BW: pressure		

013	M-thick:FC:Center	*ENG	[100 to 180 / **D146:135, D147:135, D148:141, D149:157, D150:157** / 1deg/step]
	Paper through target temperature: middle thick paper: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
014	M-thick:FC:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:140, D150:140** / 1deg/step]
	Do not change. paper through target temperature: middle thick paper: FC: pressure		
015	M-thick:BW:Center	*ENG	[100 to 180 / **D146:135, D147:135, D148:141, D149:152, D150:152** / 1deg/step]
	Paper through target temperature: middle thick paper: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
016	M-thick:BW:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:140, D150:140** / 1deg/step]
	Do not change. paper through target temperature: middle thick paper: BW: pressure		
017	Thick1:FC:Center	*ENG	[100 to 180 / **D146:125, D147:125, D148:140, D149:140, D150:140** / 1deg/step]
	Paper through target temperature: thick paper 1: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
018	Thick1:FC:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: thick paper 1: FC: pressure		

019	Thick1:BW:Center	*ENG	[100 to 180 / **D146:125, D147:125, D148:140, D149:140, D150:140 /** 1deg/step]
	Paper through target temperature: thick paper 1: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
020	Thick1:BW:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: thick paper 1: BW: pressure		
021	Thick2:FC:Center	*ENG	[100 to 180 / **130** / 1deg/step]
	paper through target temperature: thick paper 2: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
022	Thick2:FC:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: thick paper 2: FC: pressure		
023	Thick2:BW:Center	*ENG	[100 to 180 / **130** / 1deg/step]
	Paper through target temperature: thick paper 2: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
024	Thick2:BW:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: thick paper 2: BW: pressure		
025	Thick3:FC:Center	*ENG	[100 to 180 / **135** / 1deg/step]
	Paper through target temperature: thick paper 3: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
026	Thick3:FC:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: thick paper 3: FC: pressure		

2

027	Thick3:BW:Center	*ENG	[100 to 180 / **135** / 1deg/step]
	Paper through target temperature: thick paper 3: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
028	Thick3:BW:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: thick paper 3: BW: pressure		
029	Special1:FC:Center	*ENG	[100 to 180 / **D146:129, D147:129, D148:131, D149:147, D150:147** / 1deg/step]
	Paper through target temperature: special paper 1: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
030	Special1:FC:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:147, D150:147** / 1deg/step]
	Do not change. paper through target temperature: special paper 1: FC: pressure		
031	Special1:BW:Center	*ENG	[100 to 180 / **D146:129, D147:129, D148:131, D149:147, D150:147** / 1deg/step]
	Paper through target temperature: special paper 1: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
032	Special1:BW:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:147, D150:147** / 1deg/step]
	Do not change. paper through target temperature: special paper 1: BW: pressure		

033	Special2:FC:Center	*ENG	[100 to 180 / **D146:139, D147:139, D148:141, D149:157, D150:157** / 1deg/step]
	Paper through target temperature: special paper 2: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
034	Special2:FC:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:143, D150:143** / 1deg/step]
	Do not change. paper through target temperature: special paper 2: FC: pressure		
035	Special2:BW:Center	*ENG	[100 to 180 / **D146:139, D147:139, D148:141, D149:157, D150:157** / 1deg/step]
	Paper through target temperature: special paper 2: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
036	Special2:BW:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:137, D150:137** / 1deg/step]
	Do not change. paper through target temperature: special paper 2: BW: pressure		
037	Special3:FC:Center	*ENG	[100 to 180 / **D146:139, D147:139, D148:141, D149:157, D150:157** / 1deg/step]
	paper through target temperature: special paper 3: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
038	Special3:FC:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:137, D150:137** / 1deg/step]
	Do not change. paper through target temperature: special paper 3: FC: pressure		

2

039	Special3:BW:Center	*ENG	[100 to 180 / **D146:139, D147:139, D148:141, D149:157, D150:157** / 1deg/step]
	Paper through target temperature: special paper 3: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
040	Special3:BW:Press	*ENG	[0 to 200 / **D146:118, D147:118, D148:118, D149:140, D150:140** / 1deg/step]
	Do not change. paper through target temperature: special paper 3: BW: pressure		
041	Envelop:Center	*ENG	[100 to 180 / **142** / 1deg/step]
	Paper through target temperature: envelope: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
042	Envelop:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: envelope: FC: pressure		
051	Special1:FC:Center:Middle Speed	*ENG	[100 to 180 / **D146:122, D147:122, D148:141, D149:141, D150:141** / 1deg/step]
	paper through target temperature: special paper 1: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
052	Special1:FC:Press:Middle Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 1: FC: pressure		
053	Special1:BW:Center:Middle Speed	*ENG	[100 to 180 / **D146:122, D147:122, D148:141, D149:141, D150:141** / 1deg/step]
	Paper through target temperature: special paper 1: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		

054	Special1:BW:Press:Middle Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 1: BW: pressure		
055	Special2:FC:Center:Middle Speed	*ENG	[100 to 180 / **D146:127, D147:127, D148:146, D149:146, D150:146** / 1deg/step]
	Paper through target temperature: special paper 2: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
056	Special2:FC:Press:Middle Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 2: FC: pressure		
057	Special2:BW:Center:Middle Speed	*ENG	[100 to 180 / **D146:127, D147:127, D148:146, D149:146, D150:146** / 1deg/step]
	Paper through target temperature: special paper 2: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
058	Special2:BW:Press:Middle Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 2: BW: pressure		
059	Special3:FC:Center:Middle Speed	*ENG	[100 to 180 / **D146: 132, D147: 132, D148: 151, D149: 151, D150: 151** / 1deg/step]
	Paper through target temperature: special paper 3: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
060	Special3:FC:Press:Middle Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 3: FC: pressure		

2

061	Special3:BW:Center:Middle Speed	*ENG	[100 to 180 / **D146: 132, D147: 132, D148: 151, D149: 151, D150: 151** / 1deg/step]
	Paper through target temperature: special paper 3: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
062	Special3:BW:Press:Middle Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 3: BW: pressure		
101	Plain1:FC:Center:Low Speed	*ENG	[100 to 180 / **115** / 1deg/step]
	Paper through target temperature: Standard 1: FC: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
102	Plain1:FC:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: Standard 1: FC: pressure: low speed		
103	Plain1:BW:Center:Low Speed	*ENG	[100 to 180 / **115** / 1deg/step]
	Paper through target temperature: Standard 1: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
104	Plain1:BW:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: Standard 1: BW: pressure: low speed		
105	Plain2:FC:Center:Low Speed	*ENG	[100 to 180 / **120** / 1deg/step]
	Paper through target temperature: Standard 2: FC: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
106	Plain2:FC:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: Standard 2: FC: pressure: low speed		

107	Plain2:BW:Center:Low Speed	*ENG	[100 to 180 / **120** / 1deg/step]
	Paper through target temperature: Standard 2: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
108	Plain2:BW:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: Standard 2: BW: pressure: low speed		
109	M-thick:FC:Center:Low Speed	*ENG	[100 to 180 / **135** / 1deg/step]
	Paper through target temperature: middle thick paper: FC: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
110	M-thick:FC:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: middle thick paper: FC: pressure: low speed		
111	M-thick:BW:Center:Low Speed	*ENG	[100 to 180 / **135** / 1deg/step]
	Paper through target temperature: middle thick paper: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
112	M-thick:BW:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: middle thick paper: BW: pressure: low speed		
113	Thick1:FC:Center:Low Speed	*ENG	[100 to 180 / **128** / 1deg/step]
	Paper through target temperature: Thick paper 1: FC: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
114	Thick1:FC:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: Thick paper 1: FC: pressure: low speed		

2

115	Thick1:BW:Center:Low Speed	*ENG	[100 to 180 / **127** / 1deg/step]
	Paper through target temperature: Thick paper 1: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
116	Thick1:BW:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: Thick paper 1: BW: pressure: low speed		
117	Special1:FC:Center:Low Spee	*ENG	[100 to 180 / **137** / 1deg/step]
	paper through target temperature: Thick paper 1: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
118	Special1:FC:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 1: FC: pressure: low speed		
119	Special1:BW:Center:Low Speed	*ENG	[100 to 180 / **137** / 1deg/step]
	Paper through target temperature: special paper 1: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
120	Special1:BW:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 1: BW: pressure: low speed		
121	Special2:FC:Center:Low Speed	*ENG	[100 to 180 / **142** / 1deg/step]
	Paper through target temperature: special paper 2: FC: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
122	Special2:FC:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 2: FC: pressure: low speed		

123	Special2:BW:Center:Low Speed	*ENG	[100 to 180 / **142** / 1deg/step]
	Paper through target temperature: special paper 2: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
124	Special2:BW:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 2: BW: pressure: low speed		
125	Plain1:Glossy:Center	*ENG	[100 to 180 / **132** / 1deg/step]
	Paper through target temperature: Standard paper 1: coat: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
126	Plain1:Glossy:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature coat: standard 1: pressure		
127	Plain2:Glossy:Center	*ENG	[100 to 180 / **137** / 1deg/step]
	Paper through target temperature: Standard paper 2: coat: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
128	Plain2:Glossy:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature coat: standard 2: pressure		
129	M-thick:Glossy:Center	*ENG	[100 to 180 / **142** / 1deg/step]
	Paper through target temperature: Standard paper 2: coat: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
130	M-thick:Glossy:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature coat: middle thick: pressure		

2

2

131	OHP:Center	*ENG	[100 to 180 / **160** / 1deg/step]
	paper through target temperature OHP: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
132	OHP:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature OHP: pressure		
133	Envelop:Center:Low Speed	*ENG	[100 to 180 / **142** / 1deg/step]
	Paper through target temperature: envelope: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
134	Envelop:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: envelope: pressure: low speed		
135	Thin:FC:Center:Low Speed	*ENG	[100 to 180 / **110** / 1deg/step]
	Paper through target temperature: thin paper: FC: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
136	Thin:FC:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: thin paper: FC: pressure: low speed		
137	Thin:BW:Center:Low Speed	*ENG	[100 to 180 / **110** / 1deg/step]
	Paper through target temperature: thin paper: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
138	Thin:BW:Press:Low Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: thin paper: BW: pressure: low speed		

139	Thick4:FC:Center	*ENG	[100 to 180 / **147** / 1deg/step]
	Paper through target temperature: thick paper 4: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
140	Thick4:FC:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: thick paper 4: FC: pressure		
141	Thick4:BW:Center	*ENG	[100 to 180 / **147** / 1deg/step]
	Paper through target temperature: thick paper 4: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
142	Thick4:BW:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: thick paper 4: BW: pressure		
143	Postcard:Center	*ENG	[100 to 180 / **118** / 1deg/step]
	Paper through target temperature post card: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
144	Postcard:Press	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature post card: pressure		
145	Special3:FC:Center:Middle Speed	*ENG	[100 to 180 / **147** / 1deg/step]
	Paper through target temperature: Thick paper 1: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
146	Special3:FC:Press:Middle Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 1: FC: pressure: low speed		

147	Special3:BW:Center:Middle Speed	*ENG	[100 to 180 / **147** / 1deg/step]
	Paper through target temperature: special paper 1: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
148	Special3:BW:Press:Middle Speed	*ENG	[0 to 200 / **118** / 1deg/step]
	Do not change. paper through target temperature: special paper 1: BW: pressure: low speed		

1106	[Fusing Temp. Display]		
001	Heat Center	ENG	[-10 to 250 / **0** / 1deg/step]
	Display fusing temperature: Displays detect temperature of heating center sensor.		
002	Heat End	ENG	[-10 to 250 / **0** / 1deg/step]
	Display fusing temperature: Displays detect temperature of heating edge sensor.		
003	Press Center	ENG	[-10 to 250 / **0** / 1deg/step]
	Display fusing temperature: Displays detect temperature of pressuring edge sensor.		
004	Press End	ENG	[-10 to 250 / **0** / 1deg/step]
	Display fusing temperature: Displays detect temperature of pressuring edge sensor.		
005	Press End	ENG	[-10 to 250 / **0** / 1deg/step]
	Display fusing temperature: Displays detect temperature of pressuring extension edge sensor.		

1107	[Standby Target Temp. Setting]		
001	Stanby/Preheat1:Center	*ENG	[0 to 200 / **90** / 1deg/step]
	Do not change. Ready/pre-heat 1 target temperature: center		
003	Preheat2:Center	*ENG	[0 to 200 / **90** / 1deg/step]
	Do not change. Pre-heat 2 target temperature: pressure		

005	Low Power:Center	*ENG	[0 to 200 / **60** / 1deg/step]
	Do not change. Energy save target temperature: pressure		
007	Print Ready:Center	*ENG	[100 to 180 / **D146, D147: 128, D148(NA, TW): 141, D148(EU, AS, CHN, KOR): 131, D149, D150(NA, TW): 157, D149, D150(EU, AS, CHN, KOR): 147** / 1deg/step]
	Do not change. Prepare printing target temperature: fusing		
008	Print Ready:Press	*ENG	[0 to 200 / **120** / 1deg/step]
	Do not change. Prepare printing target temperature: pressure		
011	Standby Heater Off Time	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. After switching to ready, turn heater 3 OFF until passes.		

1108	[After Reload/Job Target Temp.]		
001	Center	*ENG	[0 to 200 / **D146:123, D147:123, D148:141, D149:157, D150:157** / 1deg/step]
	Do not change. After reload/after paper through target temperature: center		
002	Press	*ENG	[0 to 200 / **120** / 1deg/step]
	Do not change. After reload/after paper through target temperature: pressure		
011	Center:Energy Saving	*ENG	[0 to 200 / **D146:112, D147:112, D148:118, D149:135, D150:135** / 1deg/step]
	Do not change. After reload/after paper through target temperature: center: BW2		
012	Press:Energy Saving	*ENG	[0 to 200 / **120** / 1deg/step]
	Do not change. After reload/after paper through target temperature: pressure: BW2		

1111	[Environment Correction:Fusing]		
001	Temp.: Threshold: Low	*ENG	[0 to 100 / **17** / 1deg/step]
	Do not change. Threshold to decide low temp. environment		

2

002	Temp.: Threshold: High	*ENG	[0 to 100 / **30** / 1deg/step]
	Do not change. Threshold to decide high temp. environment		
003	Low Temp. Correction	*ENG	[0 to 15 / **D146:5, D147:5, D148:15, D149:15, D150:15** / 1deg/step]
	Do not change. Correction temp. for stand up, standby when under low temp. environment		
004	High Temp. Correction	*ENG	[0 to 15 / **0** / 1deg/step]
	Do not change. Correction temp. for stand up, standby when under high temp. environment		
005	Job Low Temp. Correction	*ENG	[0.0 to 100.0 / **D146:5.0, D147:5.0, D148:10.0, D149:10.0, D150:10.0** / 0.1deg/step]
	Do not change. Correction temp. for pass trough paper when under low temp. environment		
006	Job High Temp. Correction	*ENG	[0.0 to 100.0 / **0.0** / 0.1deg/step]
	Do not change. Correction temp. for pass trough paper when under high temp. environment		
007	Job Low Temp. Correction:Sp.	*ENG	[0.0 to 100.0 / **D146:5.0, D147:5.0, D148:10.0, D149:10.0, D150:10.0** / 0.1deg/step]
	Do not change. Special mode correction temp. for pass trough paper when under low temp. environment		
008	Job High Temp. Correction:Sp.	*ENG	[0.0 to 100.0 / **0.0** / 0.1deg/step]
	Do not change. Special mode correction temp. for pass trough paper when under high temp. environment		
011	Standard Environment Temp.	*ENG	[10 to 30 / **23** / 1deg/step]
	Do not change. Standard environment temperature		

1112	[Image Processing Temp. Correct]		
001	Temp.:Plain:Center:Level1/2	*ENG	[-20 to 20 / **0** / 1deg/step]
	Do not change. Image process temperature correction: standard paper: Level 1		

002	Temp.:Plain:Center:Energy Saving	*ENG	[-30 to 20 / **D146:-7, D147:-7, D148:-15, D149:-16, D150:-16** / 1deg/step]
	Image process temperature correction: standard paper: Level 2 Fusing malfunction to standard paper, Bk monochrome images might improve by setting value larger. Adjustable range is between +/- 0 deg. Celsius to initial value.		

1113	[Curl Correction]		
001	Execute Pattern	*ENG	[0 to 2 / **0** / 1/step] 0: OFF 1: ON(No Decurl) 2: ON
	Enable/disable curl correction.		
002	Humidity:Threshold:M-humid	*ENG	[0 to 100 / **1** / 1%/step]
	Do not change. Curl correct humidity: threshold: middle humidity		
003	Humidity:Threshold:H-humid	*ENG	[0 to 100 / **65** / 1%/step]
	Do not change. Curl correct humidity: threshold: high humidity		
004	Permit Temp.:Delta:Press:M-humid	*ENG	[0 to 200 / **D146:60, D147:60, D148:40, D149:40, D150:40** / 1deg/step]
	Do not change. Curl correction approve temperature: diff.: pressure: middle humidity		
005	Permit Temp.:Delta:Press:H-humid	*ENG	[0 to 200 / **D146:60, D147:60, D148:40, D149:40, D150:40** / 1deg/step]
	Do not change. Curl correction approve temperature: diff.: pressure: high humidity		
006	Permit Temp.:Delta:Press:M-humid:No Decurl	*ENG	[0 to 200 / **D146:50, D147:50, D148:30, D149:30, D150:30** / 1deg/step]
	Do not change. Curl correction approve temperature: diff.: pressure: middle humidity: de-curler not went through		

007	Permit Temp.:Delta:Press:H-humid:No Decurl	*ENG	[0 to 200 / **D146:40, D147:40, D148:20, D149:20, D150:20** / 1deg/step]
	Do not change. Curl correction approve temperature: diff.: pressure: middle humidity: de-curler not went through		
008	CPM:M-humid	*ENG	[0 to 100 / **80** / 1%/step]
	Do not change. Curl correction CPM: middle humidity		
009	CPM:H-humid	*ENG	[0 to 100 / **65** / 1%/step]
	Do not change. Curl correction CPM: high humidity		
010	CPM:M-humid:No Decurl	*ENG	[0 to 100 / **80** / 1%/step]
	Do not change. Curl correction CPM: middle humidity: de-curler not went through		
011	CPM:H-humid:No Decurl	*ENG	[0 to 100 / **65** / 1%/step]
	Do not change. Curl correction CPM: high humidity: de-curler not went through		

1114	[Heat Storage Status]		
001	Temp.:Threshold:Press	*ENG	[0 to 200 / **80** / 1deg/step]
	Do not change. Pressuring temperature thresh to judge heat accumulation.		
002	Temp.:Threshold:Atmosphere	*ENG	[0 to 200 / **60** / 1deg/step]
	Do not change. Audience temperatures thresh to judge heat accumulation.		
003	Temp.:Threshold:CPM down	*ENG	[0 to 200 / **60** / 1deg/step]
	Do not change. Pressuring temperature thresh to judge heat accumulation.		
004	Temp.:Threshold:Voltage Detection	*ENG	[0 to 200 / **40** / 1deg/step]
	Do not change. Judge heat accumulation: voltage detecting pressure temperature thresh		

1115	[Target Temp. Correction]		
001	Temp.:Delta:End	*ENG	[-100 to 100 / **0** / 1deg/step]
	Do not change. Target temperature differential value of center and edge		

1116	[Heat Storage FB Control]		
001	Execution mode	*ENG	[0 to 2 / **0** / 1/step] 0: OFF 1: ON(BW) 2: ON(BW/FC)
	Do not change. Applying area of heat accumulate amount FB control		
011	Time Out	*ENG	[0 to 500 / **10** / 1sec/step]
	Do not change. Time from start paper through to start temperature correct.		
021	Delay:Standard Speed:FC:1	*ENG	[0 to 20000 / **D146:3590, D147:3590, D148:2810, D149:2050, D150:2050** / 1msec/step]
	Do not change. Time to get pressure temperature from F GATE standard peed: FC: 1		
022	Delay:Standard Speed:BW:1	*ENG	[0 to 20000 / **D146:1320, D147:1320, D148:1040, D149:760, D150:760** / 1msec/step]
	Do not change. Time to get pressure temperature from F GATE standard peed: BW: 1		
031	Delay:Standard Speed:FC:2	*ENG	[0 to 20000 / **D146:3590, D147:3590, D148:2810, D149:2050, D150:2050** / 1msec/step]
	Do not change. Do not change. Time to get pressure temperature from F GATE standard peed: FC: 2		
032	Delay:Standard Speed:BW:2	*ENG	[0 to 20000 / **D146:1320, D147:1320, D148:1040, D149:760, D150:760** / 1msec/step]
	Do not change. Time to get pressure temperature from F GATE standard peed: BW: 2		
041	Press Reference Temp.	*ENG	[0 to 200 / **D146:70, D147:70, D148:75, D149:75, D150:75** / 1deg/step]
	Do not change. Pressuring temperature to calculate correction value		
042	Temp. Correction Lower Limit	*ENG	[-30 to 0 / **-1** / 1deg/step]
	Do not change. Lower limit of temperature correcting value		

043	Temp. Correction Upper Limit	*ENG	[0 to 30 / **0** / 1deg/step]
	Do not change. Upper limit of temperature correcting value		
051	Paper Thickness Coefficient:Plain1	*ENG	[0 to 100 / **30** / 1/step]
	Do not change. Coefficient to calculate temperature correction value standard paper 1		
052	Paper Thickness Coefficient:Plain2	*ENG	[0 to 100 / **30** / 1/step]
	Do not change. Coefficient to calculate temperature correction value standard paper 2		

1117	**[Repeat Temp. Correction]**		
	Do not change.		
001	Control Time 1:A3	*ENG	[0 to 300 / **0** / 1sec/step]
002	Control Time 2:A3	*ENG	[0 to 300 / **0** / 1sec/step]
003	Temp.:Center:1:A3	*ENG	[-30 to 30 / **0** / 1deg/step]
004	Temp.:End:1:A3	*ENG	[-30 to 30 / **0** / 1deg/step]
005	Temp.:Center:2:A3	*ENG	[-30 to 30 / **0** / 1deg/step]
006	Temp.:End:2:A3	*ENG	[-30 to 30 / **0** / 1deg/step]
011	Control Time 1:DLT	*ENG	[0 to 300 / **D146:60, D147:51 D148:40,D149:33, D150:30** / 1sec/step]
012	Control Time 2:DLT	*ENG	[0 to 300 / **D146:60, D147:51 D148:40,D149:33, D150:30** / 1sec/step]
013	Temp.:Center:1:DLT	*ENG	[-30 to 30 / **0** / 1deg/step]
014	Temp.:End:1:DLT	*ENG	[-30 to 30 / **D146:0, D147:0, D148:-5, D149:-5, D150:-5** / 1deg/step]
015	Temp.:Center:2:DLT	*ENG	[-30 to 30 / **0** / 1deg/step]
016	Temp.:End:2:DLT	*ENG	[-30 to 30 / **D146:0, D147:0, D148:-10, D149:-10, D150:-10** / 1deg/step]

021	Control Time 1:B4	*ENG	[0 to 300 / **0** / 1sec/step]
022	Control Time 2:B4	*ENG	[0 to 300 / **D146:10, D147:9, D148:7, D149:5, D150:5** / 1sec/step]
023	Temp.:Center:1:B4	*ENG	[-30 to 30 / **0** / 1deg/step]
024	Temp.:End:1:B4	*ENG	[-30 to 30 / **25** / 1deg/step]
025	Temp.:Center:2:B4	*ENG	[-30 to 30 / **0** / 1deg/step]
026	Temp.:End:2:B4	*ENG	[-30 to 30 / **25** / 1deg/step]
031	Control Time 1:LT	*ENG	[0 to 300 / **0** / 1sec/step]
032	Control Time 2:LT	*ENG	[0 to 300 / **0** / 1sec/step]
033	Temp.:Center:1:LT	*ENG	[-30 to 30 / **6** / 1deg/step]
034	Temp.:End:1:LT	*ENG	[-30 to 30 / **21** / 1deg/step]
035	Temp.:Center:2:LT	*ENG	[-30 to 30 / **6** / 1deg/step]
036	Temp.:End:2:LT	*ENG	[-30 to 30 / **21** / 1deg/step]
041	Control Time 1:A3,DLT:Energy Saving	*ENG	[0 to 300 / **D146:3, D147:3, D148:2, D149:0, D150:0** / 1sec/step]
042	Control Time 2:A3,DLT:Energy Saving	*ENG	[0 to 300 / **D146:40, D147:40, D148:60, D149:60, D150:60** / 1sec/step]
043	Temp.:Center:1:A3,DLT:Energy Saving	*ENG	[-30 to 30 / **D146:1, D147:1, D148:3, D149:3, D150:3** / 1deg/step]
044	Temp.:End:1:A3,DLT:Energy Saving	*ENG	[-30 to 30 / **0** / 1deg/step]
045	Temp.:Center:2:A3,DLT:Energy Saving	*ENG	[-30 to 30 / **D146:4, D147:4, D148:5, D149:6, D150:6** / 1deg/step]
046	Temp.:End:2:A3,DLT:Energy Saving	*ENG	[-30 to 30 / **3** / 1deg/step]
051	Control Time 1:A4	*ENG	[0 to 300 / **0** / 1sec/step]
052	Control Time 2:A4	*ENG	[0 to 300 / **0** / 1sec/step]

053	Temp.:Center:1:A4	*ENG	[-30 to 30 / **0** / 1deg/step]
054	Temp.:End:1:A4	*ENG	[-30 to 30 / **D146 and D147(NA, TW), D148, D149, D150(ALL):21, D146, D147(EU, AS, CHN, KOR): 0** / 1deg/step]
055	Temp.:Center:2:A4	*ENG	[-30 to 30 / **D146 and D147(NA, TW), D148, D149, D150(ALL):6, D146, D147(EU, AS, CHN, KOR): 0** / 1deg/step]
056	Temp.:End:2:A4	*ENG	[-30 to 30 / **0** / 1deg/step]
061	Control Time 1:A3:M-thick	*ENG	[0 to 300 / **0** / 1sec/step]
062	Control Time 2:A3:M-thick	*ENG	[0 to 300 / **0** / 1sec/step]
063	Temp.:Center:1:A3:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
064	Temp.:End:1:A3:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
065	Temp.:Center:2:A3:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
066	Temp.:End:2:A3:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
071	Control Time 1:DLT:M-thick	*ENG	[0 to 300 / **D146:60, D147:51, D148:40, D149:33, D150:30** / 1sec/step]
072	Control Time 2:DLT:M-thick	*ENG	[0 to 300 / **D146:60, D147:51, D148:40, D149:33, D150:30** / 1sec/step]
073	Temp.:Center:1:DLT:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
074	Temp.:End:1:DLT:M-thick	*ENG	[-30 to 30 / **D146:0, D147:0, D148:-5, D149:-5, D150:-5** / 1deg/ step]
075	Temp.:Center:2:DLT:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
076	Temp.:End:2:DLT:M-thick	*ENG	[-30 to 30 / **D146:0, D147:0, D148:-10, D149:-10, D150:-10** / 1deg/step]
081	Control Time 1:Envelope:Long	*ENG	[0 to 300 / **0** / 1sec/step]

082	Control Time 2:Envelope:Long	*ENG	[0 to 300 / 0 / 1sec/step]
083	Temp.:Center:1:Envelope:Long	*ENG	[-30 to 30 / 0 / 1deg/step]
084	Temp.:End:1:Envelope:Long	*ENG	[-30 to 30 / 10 / 1deg/step]
085	Temp.:Center:2:Envelope:Long	*ENG	[-30 to 30 / 0 / 1deg/step]
086	Temp.:End:2:Envelope:Long	*ENG	[-30 to 30 / 10 / 1deg/step]
091	Control Time 1:Envelope:Short	*ENG	[0 to 300 / 0 / 1sec/step]
092	Control Time 2:Envelope:Short	*ENG	[0 to 300 / 0 / 1sec/step]
093	Temp.:Center:1:Envelope:Short	*ENG	[-30 to 30 / 0 / 1deg/step]
094	Temp.:End:1:Envelope:Short	*ENG	[-30 to 30 / 0 / 1deg/step]
095	Temp.:Center:2:Envelope:Short	*ENG	[-30 to 30 / 0 / 1deg/step]
096	Temp.:End:2:Envelope:Short	*ENG	[-30 to 30 / 0 / 1deg/step]
101	Control Time 1:B5	*ENG	[0 to 300 / 0 / 1sec/step]
102	Control Time 2:B5	*ENG	[0 to 300 / 0 / 1sec/step]
103	Temp.:Center:1:B5	*ENG	[-30 to 30 / 0 / 1deg/step]
104	Temp.:End:1:B5	*ENG	[-30 to 30 / -30 / 1deg/step]
105	Temp.:Center:2:B5	*ENG	[-30 to 30 / 0 / 1deg/step]
106	Temp.:End:2:B5	*ENG	[-30 to 30 /-30 / 1deg/step]
111	Control Time 1:12inch	*ENG	[0 to 300 / 0 / 1sec/step]
112	Control Time 2:12inch	*ENG	[0 to 300 / 0 / 1sec/step]
113	Temp.:Center:1:12inch	*ENG	[-30 to 30 / 0 / 1deg/step]
114	Temp.:End:1:12inch	*ENG	[-30 to 30 / 0 / 1deg/step]
115	Temp.:Center:2:12inch	*ENG	[-30 to 30 / 0 / 1deg/step]
116	Temp.:End:2:12inch	*ENG	[-30 to 30 / 0 / 1deg/step]
121	Control Time 1:12inch:M-thick	*ENG	[0 to 300 / 0 / 1sec/step]
122	Control Time 2:12inch:M-thick	*ENG	[0 to 300 / 0 / 1sec/step]
123	Temp.:Center:1:12inch:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]

124	Temp.:End:1:12inch:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
125	Temp.:Center:2:12inch:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
126	Temp.:End:2:12inch:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
131	Control Time 1:SRA3	*ENG	[0 to 300 / **0** / 1sec/step]
132	Control Time 2:SRA3	*ENG	[0 to 300 / **D146:6, D147:6, D148:160, D149:132, D150:120** / 1sec/step]
133	Temp.:Center:1:SRA3	*ENG	[-30 to 30 / **D146:25, D147: 25, D148: 20, D149: 20, D150: 20** / 1deg/step]
134	Temp.:End:1:SRA3	*ENG	[-30 to 30 / **25** / 1deg/step]
135	Temp.:Center:2:SRA3	*ENG	[-30 to 30 / **0** / 1deg/step]
136	Temp.:End:2:SRA3	*ENG	[-30 to 30 / **0** / 1deg/step]
141	Control Time 1:SRA3:M-thick	*ENG	[0 to 300 / **0** / 1sec/step]
142	Control Time 2:SRA3:M-thick	*ENG	[0 to 300 / **D146:25, D147:25, D148:160, D149:132, D150:120** / 1sec/step]
143	Temp.:Center:1:SRA3:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
144	Temp.:End:1:SRA3:M-thick	*ENG	[-30 to 30 / **D146:20, D147: 20, D148: 0, D149: 0, D150: 0** / 1deg/step]
145	Temp.:Center:2:SRA3:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
146	Temp.:End:2:SRA3:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
151	Control Time 1:DLT:Low	*ENG	[0 to 300 / **0** / 1sec/step]
152	Control Time 2:DLT:Low	*ENG	[0 to 300 / **0** / 1sec/step]
153	Temp.:Center:1:DLT:Low	*ENG	[-30 to 30 / **0** / 1deg/step]
154	Temp.:End:1:DLT:Low	*ENG	[-30 to 30 / **5** / 1deg/step]
155	Temp.:Center:2:DLT:Low	*ENG	[-30 to 30 / **0** / 1deg/step]
156	Temp.:End:2:DLT:Low	*ENG	[-30 to 30 / **5** / 1deg/step]

161	Control Time 1:DLT:M-thick:Low	*ENG	[0 to 300 / **0** / 1sec/step]
162	Control Time 2:DLT:M-thick:Low	*ENG	[0 to 300 / **0** / 1sec/step]
163	Temp.:Center:1:DLT:M-thick:Low	*ENG	[-30 to 30 / **0** / 1deg/step]
164	Temp.:End:1:DLT:M-thick:Low	*ENG	[-30 to 30 / **5** / 1deg/step]
165	Temp.:Center:2:DLT:M-thick:Low	*ENG	[-30 to 30 / **0** / 1deg/step]
166	Temp.:End:2:DLT:M-thick:Low	*ENG	[-30 to 30 / **5** / 1deg/step]

1118	[Before Job Temp. Correct]		
	Do not change.		
001	Temp.:Center:12inch	*ENG	[-30 to 30 / **0** / 1deg/step]
002	Temp.:End:12inch	*ENG	[-30 to 30 / **10** / 1deg/step]
003	Temp.:Center:A3	*ENG	[-30 to 30 / **0** / 1deg/step]
004	Temp.:End:A3	*ENG	[-30 to 30 / **0** / 1deg/step]
005	Temp.:Center:DLT	*ENG	[-30 to 30 / **0** / 1deg/step]
006	Temp.:End:DLT	*ENG	[-30 to 30 / **0** / 1deg/step]
007	Temp.:Center:SRA3	*ENG	[-30 to 30 / **0** / 1deg/step]
008	Temp.:End:SRA3	*ENG	[-30 to 30 / **20** / 1deg/step]
011	Temp.:Center:12inch:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
012	Temp.:End:12inch:M-thick	*ENG	[-30 to 30 / **10** / 1deg/step]
013	Temp.:Center:A3:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
014	Temp.:End:A3:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
015	Temp.:Center:DLT:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
016	Temp.:End:DLT:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
017	Temp.:Center:SRA3:M-thick	*ENG	[-30 to 30 / **0** / 1deg/step]
018	Temp.:End:SRA3:M-thick	*ENG	[-30 to 30 / **20** / 1deg/step]
021	Temp.:Center:12inch:Thick	*ENG	[-30 to 30 / **0** / 1deg/step]

022	Temp.:End:12inch:Thick	*ENG	[-30 to 30 / **10** / 1deg/step]
023	Temp.:Center:A3:Thick	*ENG	[-30 to 30 / **0** / 1deg/step]
024	Temp.:End:A3:Thick	*ENG	[-30 to 30 / **0** / 1deg/step]
025	Temp.:Center:DLT:Thick	*ENG	[-30 to 30 / **0** / 1deg/step]
026	Temp.:End:DLT:Thick	*ENG	[-30 to 30 / **0** / 1deg/step]
027	Temp.:Center:SRA3:Thick	*ENG	[-30 to 30 / **0** / 1deg/step]
028	Temp.:End:SRA3:Thick	*ENG	[-30 to 30 / **20** / 1deg/step]

1119	[Aging Temp. Correction]		
001	Page(%)	*ENG	[0 to 100 / **10** / 1%/step]
002	Rotation(%)	*ENG	[0 to 100 / **10** / 1%/step]
011	Temp.:Plain:FC	*ENG	[0 to 20 / **0** / 1deg/step]
012	Temp.:Plain:BW	*ENG	[0 to 20 / **0** / 1deg/step]
013	Temp.:Plain:Energy Saving	*ENG	[0 to 20 / **10** / 1deg/step]

1121	[Switch:Rotation Start/Stop]		
001	Time:After Reload	*ENG	[0 to 100 / **60** / 1sec/step]
	Do not change. Time for to switch form reload to standby.		
002	Time:After Recovery	*ENG	[0 to 100 / **15** / 1sec/step]
	Do not change. Standby transition: Changes time out time till depressuring.		
003	Time:After Job	*ENG	[0 to 100 / **60** / 1sec/step]
	Do not change. Time for to switch form before paper through to standby.		
004	Press Temp.:After Reload	*ENG	[0 to 160 / **160** / 1deg/step]
	Do not change. Pressure thresh to apply time to switch from reload to standby		
005	End Temp.:After Job:SRA3	*ENG	[0 to 250 / **200** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part heat after paper through (A3<paper width, pressure edge part)		

006	-	*ENG	[0 to 250 / **200** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part heat after paper through (DLT<paper width<=A3, pressure edge part)		
007	-	*ENG	[0 to 250 / **200** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part heat after paper through (B4<paper width<=DLT, pressure edge part)		
008	Overshoot Prevent Temp.	*ENG	[0 to 250 / **D146:185, D147:185, D148:195, D149:200, D150:200** / 1deg/step]
	Do not change. Temperature to start avoid over heat		
009	Overshoot Prevent Time	*ENG	[0 to 100 / **10** / 1sec/step]
	Do not change. Time to continue avoid over heat		
010	End Temp.:After Job:B4	*ENG	[0 to 250 / **135** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: B4		
011	End Temp.:After Job:LT	*ENG	[0 to 250 / **D146:210, D147:210, D148:170, D149:170, D150:170** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: LT		
012	End Temp.:After Job:B5	*ENG	[0 to 250 / **155** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: B5		
013	End Temp.:After Job:A5	*ENG	[0 to 250 / **155** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: A5		
014	End Temp.:After Job:B6	*ENG	[0 to 250 / **155** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: B6		
015	-	*ENG	[0 to 250 / **160** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: A6		

2

016	-	*ENG	[0 to 250 / **200** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: SRA3		
017	-	*ENG	[0 to 250 / **155** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: A3		
018	-	*ENG	[0 to 250 / **200** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: DLT		
019	-	*ENG	[0 to 250 / **140** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: B4		
020	-	*ENG	[0 to 250 / **215** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: LT		
021	Time:After Main Switch On	*ENG	[0 to 250 / **60** / 1deg/step]
	Do not change. Shift time: after main power ON.		
022	-	*ENG	[0 to 250 / **160** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: B5		
023	-	*ENG	[0 to 250 / **160** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: A5		
024	-	*ENG	[0 to 250 / **160** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: B6		
025	-	*ENG	[0 to 250 / **160** / 1deg/step]
	Do not change. Rotation start temperature for equaling edge part after paper through: A6		
031	-	*ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. Last job paper through time: FC: A3		
032	-	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Equaling heat rotate time: FC: A3		

033	-	*ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. Last job paper through time: FC: DLT		
034	-	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Equaling heat rotate time: FC: DLT		
035	-	*ENG	[0 to 10000 / **D146:235, D147:235, D148:50, D149:50, D150:50** / 1sec/step]
	Do not change. Last job paper through time: FC: B4		
036	-	*ENG	[0 to 100 / **D146:15, D147:15, D148:10, D149:10, D150:10** / 1sec/step]
	Do not change. Equaling heat rotate time: FC: B4		
037	-	*ENG	[0 to 10000 / **D146:250, D147:250, D148:10000, D149:10000, D150:10000** / 1sec/step]
	Do not change. Last job paper through time: FC: LT		
038	-	*ENG	[0 to 100 / **D146:10, D147:10, D148:0, D149:0, D150:0** / 1sec/step]
	Do not change. Equaling heat rotate time: FC: LT		
039	-	*ENG	[0 to 10000 / **D146:180, D147:180, D148:45, D149:45, D150:45** / 1sec/step]
	Do not change. Last job paper through time: FC: B5		
040	-	*ENG	[0 to 100 / **D146:15, D147:15, D148:10, D149:10, D150:10** / 1sec/step]
	Do not change. Equaling heat rotate time: FC: B5		
041	-	*ENG	[0 to 10000 / **D146:31, D147:31, D148:20, D149:20, D150:20** / 1sec/step]
	Do not change. Last job paper through time: FC: A5		

2

042	-	*ENG	[0 to 100 / **25** / 1sec/step]
	Do not change. Equaling heat rotate time: FC: A5		
043	-	*ENG	[0 to 10000 / **D146:27, D147:27, D148:17, D149:17, D150:17** / 1sec/step]
	Do not change. Last job paper through time: FC: B6		
044	-	*ENG	[0 to 100 / **25** / 1sec/step]
	Do not change. Equaling heat rotate time: FC: B6		
045	-	*ENG	[0 to 10000 / **D146:80, D147:80, D148:17, D149:17, D150:17** / 1sec/step]
	Do not change. Last job paper through time: FC: A6		
046	-	*ENG	[0 to 100 / **D146:10, D147:10, D148:25, D149:25, D150:25** / 1sec/step]
	Do not change. Equaling heat rotate time: FC: A6		
051	-	*ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. Last job paper through time: Bk: A3		
052	-	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Equaling heat rotate time: Bk: A3		
053	-	*ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. Last job paper through time: Bk: DLT		
054	-	*ENG	[0 to 100 / **0** / 1sec/step]
	Do not change. Equaling heat rotate time: Bk: DLT		
055	-	*ENG	[0 to 10000 / **D146:235, D147:235, D148:50, D149:50, D150:50** / 1sec/step]
	Do not change. Last job paper through time: Bk: B4		

056	-	*ENG	[0 to 100 / D146:10, D147:10, D148:5, D149:5, D150:5 / 1sec/step]
	Do not change. Equaling heat rotate time: Bk: B4		
057	-	*ENG	[0 to 10000 / D146:250, D147:250, D148:10000, D149:10000, D150:10000 / 1sec/step]
	Do not change. Last job paper through time: Bk: LT		
058	-	*ENG	[0 to 100 / D146:5, D147:5, D148:0, D149:0, D150:0 / 1sec/step]
	Do not change. Equaling heat rotate time: Bk: LT		
059	-	*ENG	[0 to 10000 / D146:180, D147:180, D148:45, D149:45, D150:45 / 1sec/step]
	Do not change. Last job paper through time: Bk: B5		
060	-	*ENG	[0 to 100 / D146:10, D147:10, D148:5, D149:5, D150:5 / 1sec/step]
	Do not change. Equaling heat rotate time: Bk: B5		
061	-	*ENG	[0 to 10000 / D146:31, D147:31, D148:20, D149:20, D150:20 / 1sec/step]
	Do not change. Last job paper through time: Bk: A5		
062	-	*ENG	[0 to 100 / 20 / 1sec/step]
	Do not change. Equaling heat rotate time: Bk: A5		
063	-	*ENG	[0 to 10000 / D146:27, D147:27, D148:17, D149:17, D150:17 / 1sec/step]
	Do not change. Last job paper through time: Bk: B6		
064	-	*ENG	[0 to 100 / 20 / 1sec/step]
	Do not change. Equaling heat rotate time: Bk: B6		

2

065	-	*ENG	[0 to 10000 / **D146:80, D147:80, D148:17, D149:17, D150:17** / 1sec/ step]
	Do not change. Last job paper through time: Bk: A6		
066	-	*ENG	[0 to 100 / **D146:5, D147:5, D148:20, D149:20, D150:20** / 1sec/ step]
	Do not change. Equaling heat rotate time: Bk: A6		
101	Heat Off Time:Start:Warm Up	*ENG	[0 to 60000 / **0** / 1msec/step]
	Do not change. Heater OFF time: start rotate: stand up		
102	Heat Off Time:Start:End of A Control	*ENG	[0 to 600000 / **100000** / 1msec/ step]
	Do not change. Heater OFF time: start rotate: control A finish		
103	-	*ENG	[0 to 200 / **0** / 1sec/step]
	Do not change. Time from depressure filler edge detect to heater relay off.		
111	Heat Off Time:Stop:After Reload/ Print Ready	*ENG	[0 to 60000 / **0** / 1msec/step]
	Do not change. Heater OFF time: stop rotate: after reload/prepare print.		
112	Heat Off Time:Stop:After Job	*ENG	[0 to 60000 / **0** / 1msec/step]
	Do not change. Heater OFF time: stop rotate: after paper through		
113	Heat Off Time:Stop:After Job:Energy Saving	*ENG	[0 to 60000 / **0** / 1msec/step]
	Do not change. Heater OFF time: stop rotate: after paper through: BW2		
114	Relay ON Temp.:Warm Up	*ENG	[0 to 250 / **200** / 1deg/step]
	Do not change. Relay OFF temperature: stand up		

1122	[Standby Rotation Setting]		
001	Rotation Interval	*ENG	[0 to 240 / **60** / 1min]
	Do not change. Interval rotate interval for when standby.		

002	Rotation Time	*ENG	[0.0 to 60.0 / **8.0** / 0.1sec/step]
	Do not change. Interval rotate time for when standby.		

1123	[Paper Jam Rotation Setting]		
001	Normal Rotation Distance	*ENG	[0 to 10000 / **75** / 1mm/step]
	Do not change. Rotate when jammed setting: forward rotate distance.		
002	Reverse Rotation Distance	*ENG	[0 to 10000 / **75** / 1mm/step]
	Do not change. Rotate when jammed setting: reverse rotate distance.		

1124	[CPM Down Setting]		
	Do not change. Temp. to judge COM is down/up. Diff. between target temp.		
001	High:Down Temp.	*ENG	[-50 to 0 / **D146, D147(ALL) and D148, D149, D150(NA, TW):-12, D148, D149, D150(EU, AS, CHN, KOR):-20** / 1deg/step]
002	High:Up Temp.	*ENG	[-50 to 0 / **D146, D147(ALL) and D148, D149, D150(NA, TW):-7, D148, D149, D150(EU, AS, CHN, KOR):-15** / 1deg/step]

1124	[CPM Down Setting]		
	Do not change. 1st through 3rd CPM down rate of temp. drop/rise side.		
003	Low :1st CPM	*ENG	[10 to 100 / **80** / 1%/step]
004	Low :2nd CPM	*ENG	[10 to 100 / **65** / 1%/step]
005	Low :3rd CPM	*ENG	[10 to 100 / **50** / 1%/step]
006	High:1st CPM	*ENG	[10 to 100 / **80** / 1%/step]
007	High:2nd CPM	*ENG	[10 to 100 / **50** / 1%/step]
008	High:3rd CPM	*ENG	[10 to 100 / **30** / 1%/step]

1124	[CPM Down Setting]		
	Do not change. CPM down setting Hot: 1st through 3rd CPM down temp		
009	High:1st CPM Down Temp.:A3:Press End	*ENG	[100 to 250 / **205** / 1deg/step]
010	High:2nd CPM Down Temp.:A3:Press End	*ENG	[100 to 250 / **210** / 1deg/step]
011	High:3rd CPM Down Temp.:A3:Press End	*ENG	[100 to 250 / **215** / 1deg/step]
012	High:1st CPM Down Temp.:DLT:Press End	*ENG	[100 to 250 / **195** / 1deg/step]
013	High:2nd CPM Down Temp.:DLT:Press End	*ENG	[100 to 250 / **200** / 1deg/step]
014	High:3rd CPM Down Temp.:DLT:Press End	*ENG	[100 to 250 / **205** / 1deg/step]
015	High:1st CPM Down Temp.:B4:Press End	*ENG	[100 to 250 / **200** / 1deg/step]
016	High:2nd CPM Down Temp.:B4:Press End	*ENG	[100 to 250 / **210** / 1deg/step]
017	High:3rd CPM Down Temp.:B4:Press End	*ENG	[100 to 250 / **215** / 1deg/step]
018	High:1st CPM Down Temp.:LT:Fuser End	*ENG	[100 to 250 / **215** / 1deg/step]
019	High:2nd CPM Down Temp.:LT:Fuser End	*ENG	[100 to 250 / **220** / 1deg/step]
020	High:3rd CPM Down Temp.:LT:Fuser End	*ENG	[100 to 250 / **225** / 1deg/step]
021	High:1st CPM Down Temp.:A4:Fuser End	*ENG	[100 to 250 / **215** / 1deg/step]
022	High:2nd CPM Down Temp.:A4:Fuser End	*ENG	[100 to 250 / **220** / 1deg/step]

023	High:3rd CPM Down Temp.:A4:Fuser End	*ENG	[100 to 250 / **225** / 1deg/step]
024	High:1st CPM Down Temp.:B5:Press Center	*ENG	[100 to 250 / **D146:205, D147:205, D148:210, D149:205, D150:205** / 1deg/step]
025	High:2nd CPM Down Temp.:B5:Press Center	*ENG	[100 to 250 / **D146:210, D147:210, D148:220, D149:210, D150:210** / 1deg/step]
026	High:3rd CPM Down Temp.:B5:Press Center	*ENG	[100 to 250 / **220** / 1deg/step]
027	High:1st CPM Down Temp.:A5:Press Center	*ENG	[100 to 250 / **170** / 1deg/step]
028	High:2nd CPM Down Temp.:A5:Press Center	*ENG	[100 to 250 / **180** / 1deg/step]
029	High:3rd CPM Down Temp.:A5:Press Center	*ENG	[100 to 250 / **210** / 1deg/step]
030	High:1st CPM Down Temp.:B6:Press Center	*ENG	[100 to 250 / **170** / 1deg/step]
031	High:2nd CPM Down Temp.:B6:Press Center	*ENG	[100 to 250 / **180** / 1deg/step]
032	High:3rd CPM Down Temp.:B6:Press Center	*ENG	[100 to 250 / **210** / 1deg/step]
033	High:1st CPM Down Temp.:A6:Press Center	*ENG	[100 to 250 / **170** / 1deg/step]
034	High:2nd CPM Down Temp.:A6:Press Center	*ENG	[100 to 250 / **180** / 1deg/step]
035	High:3rd CPM Down Temp.:A6:Press Center	*ENG	[100 to 250 / **210** / 1deg/step]
036	High:1st CPM Down Temp.:SRA3:Press End	*ENG	[100 to 250 / **210** / 1deg/step]
037	High:2nd CPM Down Temp.:SRA3:Press End	*ENG	[100 to 250 / **215** / 1deg/step]

2

038	High:3rd CPM Down Temp.:SRA3:Press End	*ENG	[100 to 250 / **225** / 1deg/step]
1124	**[CPM Down Setting]**		
051	Judging Interval	*ENG	[1 to 250 / **4** / 1sec/step]
	Do not change. CPM down judging interval.		
1124	**[CPM Down Setting]**		
	Do not change. CPM down setting Hot: 1st through 3rd CPM down time.		
101	High:1st CPM Down Time:A3	*ENG	[0 to 10000 / **10000** / 1sec/step]
102	High:2nd CPM Down Time:A3	*ENG	[0 to 10000 / **10000** / 1sec/step]
103	High:3rd CPM Down Time:A3	*ENG	[0 to 10000 / **10000** / 1sec/step]
104	High:1st CPM Down Time:DLT	*ENG	[0 to 10000 / **10000** / 1sec/step]
105	High:2nd CPM Down Time:DLT	*ENG	[0 to 10000 / **10000** / 1sec/step]
106	High:3rd CPM Down Time:DLT	*ENG	[0 to 10000 / **10000** / 1sec/step]
107	High:1st CPM Down Time:B4	*ENG	[0 to 10000 / **D146:10000, D147:10000, D148:30, D149:30, D150:30** / 1sec/step]
108	High:2nd CPM Down Time:B4	*ENG	[0 to 10000 / **10000** / 1sec/step]
109	High:3rd CPM Down Time:B4	*ENG	[0 to 10000 / **10000** / 1sec/step]
110	High:1st CPM Down Time:LT	*ENG	[0 to 10000 / **10000** / 1sec/step]
111	High:2nd CPM Down Time:LT	*ENG	[0 to 10000 / **10000** / 1sec/step]
112	High:3rd CPM Down Time:LT	*ENG	[0 to 10000 / **10000** / 1sec/step]
113	High:1st CPM Down Time:A4	*ENG	[0 to 10000 / **10000** / 1sec/step]
114	High:2nd CPM Down Time:A4	*ENG	[0 to 10000 / **10000** / 1sec/step]
115	High:3rd CPM Down Time:A4	*ENG	[0 to 10000 / **10000** / 1sec/step]
116	High:1st CPM Down Time:B5	*ENG	[0 to 10000 / **10000** / 1sec/step]
117	High:2nd CPM Down Time:B5	*ENG	[0 to 10000 / **10000** / 1sec/step]

118	High:3rd CPM Down Time:B5	*ENG	[0 to 10000 / **10000** / 1sec/step]
119	High:1st CPM Down Time:A5	*ENG	[0 to 10000 / **10000** / 1sec/step]
120	High:2nd CPM Down Time:A5	*ENG	[0 to 10000 / **10000** / 1sec/step]
121	High:3rd CPM Down Time:A5	*ENG	[0 to 10000 / **10000** / 1sec/step]
122	High:1st CPM Down Time:B6	*ENG	[0 to 10000 / **10000** / 1sec/step]
123	High:2nd CPM Down Time:B6	*ENG	[0 to 10000 / **10000** / 1sec/step]
124	High:3rd CPM Down Time:B6	*ENG	[0 to 10000 / **10000** / 1sec/step]
125	High:1st CPM Down Time:A6	*ENG	[0 to 10000 / **D146:10000, D147:10000, D148:8, D149:8, D150:8** / 1sec/step]
126	High:2nd CPM Down Time:A6	*ENG	[0 to 10000 / **D146:10000, D147:10000, D148:10, D149:10, D150:10** / 1sec/step]
127	High:3rd CPM Down Time:A6	*ENG	[0 to 10000 / **10000** / 1sec/step]
128	High:1st CPM Down Time:SRA3	*ENG	[0 to 10000 / **10000** / 1sec/step]
129	High:2nd CPM Down Time:SRA3	*ENG	[0 to 10000 / **10000** / 1sec/step]
130	High:3rd CPM Down Time:SRA3	*ENG	[0 to 10000 / **10000** / 1sec/step]
1124	**[CPM Down Setting]** Do not change. CPM down setting hot: 1st through 3rd CPM down time: low speed		
151	High:1st CPM Down Time:A3:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
152	High:2nd CPM Down Time:A3:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
153	High:3rd CPM Down Time:A3:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
154	High:1st CPM Down Time:DLT:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
155	High:2nd CPM Down Time:DLT:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]

156	High:3rd CPM Down Time:DLT:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
157	High:1st CPM Down Time:B4:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
158	High:2nd CPM Down Time:B4:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
159	High:3rd CPM Down Time:B4:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
160	High:1st CPM Down Time:LT:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
161	High:2nd CPM Down Time:LT:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
162	High:3rd CPM Down Time:LT:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
163	High:1st CPM Down Time:A4:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
164	High:2nd CPM Down Time:A4:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
165	High:3rd CPM Down Time:A4:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
166	High:1st CPM Down Time:B5:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
167	High:2nd CPM Down Time:B5:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
168	High:3rd CPM Down Time:B5:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
169	High:1st CPM Down Time:A5:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
170	High:2nd CPM Down Time:A5:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
171	High:3rd CPM Down Time:A5:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]

172	High:1st CPM Down Time:B6:Low Speed	*ENG	[0 to 10000 / **D146:10000, D147:10000, D148:20, D149:20, D150:20** / 1sec/step]
173	High:2nd CPM Down Time:B6:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
174	High:3rd CPM Down Time:B6:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
175	High:1st CPM Down Time:A6:Low Speed	*ENG	[0 to 10000 / **D146:10000, D147:10000, D148:20, D149:20, D150:20** / 1sec/step]
176	High:2nd CPM Down Time:A6:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
177	High:3rd CPM Down Time:A6:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
178	High:1st CPM Down Time:SRA3:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
179	High:2nd CPM Down Time:SRA3:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
180	High:3rd CPM Down Time:SRA3:Low Speed	*ENG	[0 to 10000 / **10000** / 1sec/step]
1124	**[CPM Down Setting]** Do not change. Temp. to judge COM is down/up. Diff. between target temp.		
201	Low:Down Temp.	*ENG	[-50 to 0 / **-5** / 1deg/step]
202	Low:Up Temp.	*ENG	[-50 to 0 / **-2** / 1deg/step]

1125	**[CPM Down Setting]** Do not change. CPM down setting hot: 1st through 3rd CPM: standard/middle/low speed.		
001	High:1st CPM:A3:Large Size:Normal Speed	*ENG	[0 to 100 / **80** / 1%/step]

002	High:2nd CPM:A3:Large Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
003	High:3rd CPM:A3:Large Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
004	High:1st CPM:A3:Small Size:Normal Speed	*ENG	[0 to 100 / **80** / 1%/step]
005	High:2nd CPM:A3:Small Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
006	High:3rd CPM:A3:Small Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
007	High:1st CPM:DLT:Large Size:Normal Speed	*ENG	[0 to 100 / **80** / 1%/step]
008	High:2nd CPM:DLT:Large Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
009	High:3rd CPM:DLT:Large Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
010	High:1st CPM:DLT:Small Size:Normal Speed	*ENG	[0 to 100 / **80** / 1%/step]
011	High:2nd CPM:DLT:Small Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
012	High:3rd CPM:DLT:Small Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
013	High:1st CPM:B4:Large Size:Normal Speed	*ENG	[0 to 100 / **D146:80, D147:80, D148:93, D149:76, D150:70** / 1%/step]
014	High:2nd CPM:B4:Large Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
015	High:3rd CPM:B4:Large Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
016	High:1st CPM:B4:Small Size:Normal Speed	*ENG	[0 to 100 / **D146:80, D147:80, D148:93, D149:76, D150:70** / 1%/step]

017	High:2nd CPM:B4:Small Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
018	High:3rd CPM:B4:Small Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
019	High:1st CPM:LT:Large Size:Normal Speed	*ENG	[0 to 100 / **80** / 1%/step]
020	High:2nd CPM:LT:Large Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
021	High:3rd CPM:LT:Large Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
022	High:1st CPM:LT:Small Size:Normal Speed	*ENG	[0 to 100 / **80** / 1%/step]
023	High:2nd CPM:LT:Small Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
024	High:3rd CPM:LT:Small Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
025	High:1st CPM:A4:Large Size:Normal Speed	*ENG	[0 to 100 / **80** / 1%/step]
026	High:2nd CPM:A4:Large Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
027	High:3rd CPM:A4:Large Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
028	High:1st CPM:A4:Small Size:Normal Speed	*ENG	[0 to 100 / **80** / 1%/step]
029	High:2nd CPM:A4:Small Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
030	High:3rd CPM:A4:Small Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
031	High:1st CPM:B5:Large Size:Normal Speed	*ENG	[0 to 100 / **D146:80, D147:80, D148:93, D149:95, D150:90** / 1%/step]

032	High:2nd CPM:B5:Large Size:Normal Speed	*ENG	[0 to 100 / **D146:50, D147:50, D148:50, D149:76, D150:70** / 1%/ step]
033	High:3rd CPM:B5:Large Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
034	High:1st CPM:B5:Small Size:Normal Speed	*ENG	[0 to 100 / **D146:80, D147:80, D148:93, D149:95, D150:90** / 1%/ step]
035	High:2nd CPM:B5:Small Size:Normal Speed	*ENG	[0 to 100 / **D146:50, D147:50, D148:50, D149:76, D150:70** / 1%/ step]
036	High:3rd CPM:B5:Small Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
037	High:1st CPM:A5:Normal Speed	*ENG	[0 to 100 / **D146:80, D147:94, D148:80, D149:82, D150:75** / 1%/ step]
038	High:2nd CPM:A5:Normal Speed	*ENG	[0 to 100 / **D146:50, D147:50, D148:50, D149:60, D150:55** / 1%/ step]
039	High:3rd CPM:A5:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
040	High:1st CPM:B6:Normal Speed	*ENG	[0 to 100 / **D146:80, D147:94, D148:80, D149:82, D150:75** / 1%/ step]
041	High:2nd CPM:B6:Normal Speed	*ENG	[0 to 100 / **D146:50, D147:50, D148:50, D149:60, D150:55** / 1%/ step]
042	High:3rd CPM:B6:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
043	High:1st CPM:A6:Normal Speed	*ENG	[0 to 100 / **D146:80, D147:80, D148:93, D149:76, D150:70** / 1%/ step]
044	High:2nd CPM:A6:Normal Speed	*ENG	[0 to 100 / **D146:50, D147:50, D148:50, D149:38, D150:36** / 1%/ step]
045	High:3rd CPM:A6:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]

046	High:1st CPM:SRA3:Large Size:Normal Speed	*ENG	[0 to 100 / **80** / 1%/step]
047	High:2nd CPM:SRA3:Large Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
048	High:3rd CPM:SRA3:Large Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
049	High:1st CPM:SRA3:Small Size:Normal Speed	*ENG	[0 to 100 / **80** / 1%/step]
050	High:2nd CPM:SRA3:Small Size:Normal Speed	*ENG	[0 to 100 / **50** / 1%/step]
051	High:3rd CPM:SRA3:Small Size:Normal Speed	*ENG	[0 to 100 / **30** / 1%/step]
101	High:1st CPM:A3:Large Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
102	High:2nd CPM:A3:Large Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
104	High:1st CPM:A3:Small Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
105	High:2nd CPM:A3:Small Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
107	High:1st CPM:DLT:Large Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
108	High:2nd CPM:DLT:Large Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
110	High:1st CPM:DLT:Small Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
111	High:2nd CPM:DLT:Small Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
113	High:1st CPM:B4:Large Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
114	High:2nd CPM:B4:Large Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]

116	High:1st CPM:B4:Small Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
117	High:2nd CPM:B4:Small Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
119	High:1st CPM:LT:Large Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
120	High:2nd CPM:LT:Large Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
122	High:1st CPM:LT:Small Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
123	High:2nd CPM:LT:Small Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
125	High:1st CPM:A4:Large Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
126	High:2nd CPM:A4:Large Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
128	High:1st CPM:A4:Small Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
129	High:2nd CPM:A4:Small Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
131	High:1st CPM:B5:Large Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
132	High:2nd CPM:B5:Large Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
134	High:1st CPM:B5:Small Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
135	High:2nd CPM:B5:Small Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
137	High:1st CPM:A5:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
138	High:2nd CPM:A5:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
140	High:1st CPM:B6:Middle Speed	*ENG	[0 to 100 / **60** / 1%/step]

141	High:2nd CPM:B6:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
143	High:1st CPM:A6:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
144	High:2nd CPM:A6:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
145	High:1st CPM:SRA3:Large Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
146	High:2nd CPM:SRA3:Large Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
147	High:1st CPM:SRA3:Small Size:Middle Speed	*ENG	[0 to 100 / **80** / 1%/step]
148	High:2nd CPM:SRA3:Small Size:Middle Speed	*ENG	[0 to 100 / **50** / 1%/step]
201	High:1st CPM:A3:Large Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
204	High:1st CPM:A3:Small Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
207	High:1st CPM:DLT:Large Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
210	High:1st CPM:DLT:Small Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
213	High:1st CPM:B4:Large Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
216	High:1st CPM:B4:Small Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
219	High:1st CPM:LT:Large Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
222	High:1st CPM:LT:Small Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
225	High:1st CPM:A4:Large Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
228	High:1st CPM:A4:Small Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]

231	High:1st CPM:B5:Large Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
234	High:1st CPM:B5:Small Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
237	High:1st CPM:A5:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
240	High:1st CPM:B6:Low Speed	*ENG	[0 to 100 / **50** / 1%/step]
243	High:1st CPM:A6:Low Speed	*ENG	[0 to 100 / **D146:80, D147:80, D148:55, D149:55, D150:55** / 1%/step]
244	High:1st CPM:SRA3:Large Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]
245	High:1st CPM:SRA3:Small Size:Low Speed	*ENG	[0 to 100 / **80** / 1%/step]

1126	**[Heating Start Delay]**		
	Do not change. Heating start delay control.		
001	Judgement Temp 1	ENG	[0 to 180 / **D146:30, D147:30, D148:28, D149:28, D150:28** / 1deg/step]
002	Judgement Temp 2	ENG	[0 to 180 / **D146:32, D147:32, D148:40, D149:40, D150:40** / 1deg/step]
003	Judgement Temp 3	ENG	[00 to 180 / **D146:45, D147:45, D148:70, D149:70, D150:70** / 1deg/step]
011	Set TimeA: Div 1	ENG	[0 to 10000 / **D146:100, D147:100, D148:0, D149:0, D150:0** / 1msec/step]
012	Set TimeA: Div 2	ENG	[0 to 10000 / **D146:1500, D147:1500, D148:0, D149:0, D150:0** / 1msec/step]

013	Set TimeA: Div 3	ENG	[0 to 10000 / **D146:2000, D147:2000, D148:0, D149:0, D150:0** / 1msec/step]
014	Set TimeA: Div 4	ENG	[0 to 10000 / **D146:100, D147:100, D148:0, D149:0, D150:0** / 1msec/step]
021	Delay Time: Div 1	ENG	[0 to 10000 / **D146:100, D147:100, D148:0, D149:0, D150:0** / 1msec/step]
022	Delay Time: Div 2	ENG	[0 to 10000 / **D146:1500, D147:1500, D148:0, D149:0, D150:0** / 1msec/step]
023	Delay Time: Div 3	ENG	[0 to 10000 / **D146:2000, D147:2000, D148:0, D149:0, D150:0** / 1msec/step]
024	Delay Time: Div 4	ENG	[0 to 10000 / **D146:100, D147:100, D148:0, D149:0, D150:0** / 1msec/step]

1127	[Energy Saving PprFeed Judgment]		
001	Judging Method Change	ENG	[0 or 1 / **1** / 1/step] 0: Off 1: On
	Do not change. Judge method switch of energy save judge control.		
002	Temp.: Threshold: Press	ENG	[0 to 200 / **D146:50, D147:60, D148:70, D149:70, D150:70** / 1deg/step]
	Do not change. Setting temperature of energy save judge control: threshold: pressure.		
003	Temp.: Threshold: Atmosphere	ENG	[0 to 200 / **60** / 1deg/step]
	Do not change. Setting temperature of energy save judge control: threshold: ambiance		

004	Power Supply Voltage: Lower	ENG	[0 to 300 / **NA, TW: 108, EU, AS, CHN, KOR: 220** / 1V/step]
	Do not change. Power source voltage of energy save judge control: lower limit setting		
005	Power Supply Voltage: Upper	ENG	[0 to 300 / **NA, TW: 126, EU, AS, CHN, KOR: 240** / 1V/step]
	Do not change. Power source voltage of energy save judge control: upper limit setting		
006	Judgment Time-Out	ENG	[0.0 to 10.0 / **2.0** / 0.1sec/step]
	Do not change. Judge time out time of energy save judge control.		

1131	[Continuous Print Mode Switch]		
	Do not change. Paper feed permission condition setting.		
001	Feed Permit Condition	*ENG	[0 to 2 / **0** / 1/step] 0: Productivity Mode 1: Fusing Quality Mode 2: Fusing Quality Mode 2

1132	[Maximum Duty Switch]		
001	Control Method Switch	*ENG	[0 or 1 / **1** / 1/step] 0: Fixed Duty 1: AutoOffstCtl
	Do not change. Switch between fixed duty and auto offset control of mix. lighting duty.		

1133	[Voltage Detection]		
001	Voltage Detection	*ENG	[0.0 to 350.0 / **0.0** / 0.1V/step]
	Do not change. Displays AC voltage detect result.		

1134	[Effective Duty Adjustment]

001	Control Method Switch	*ENG	[0 or 1 / **D146, D147(ALL) and D148, D149, D150(NA, TW): 0, D148, D149, D150(EU, AS, CHN, KOR):1** / 1/step] 0: OFF 1: ON
	Do not change. Switch effective duty adjustment.		

1135	[Inrush Control]		
001	Inrush Control	*ENG	[0 or 1 / **0** / 1/step] 0: Normal (Do not) 1: Inrush current suppress (Do)
	Do not change. Select do or do not control inrush current suppress control.		

1141	[Fusing SC Error Time Info]		
001	SC Number	*ENG	[0 to 99999 / **0** / 1/step]
	Display occurring SC.		
101	Htg Roller:Ctr Det1	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: center: occurred time.		
102	Htg Roller:End Det1	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is detect temp.: center: occurred time.		
103	Press Roller:Ctr Det1	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is ambiance temp.: center: occurred time.		
104	Press Roller:End Det1	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: edge: occurred time.		

151	Htg Roller:Ctr Det2	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: center: 1 cycle a head of occurred time.		
152	Htg Roller:End Det2	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is detect temp.: center: 1 cycle a head of occurred time.		
153	Press Roller:Ctr Det2	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is ambiance temp.: center: 1 cycle a head of occurred time.		
154	Press Roller:End Det2	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: edge: 1 cycle a head of occurred time.		
201	Htg Roller:Ctr Det3	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: center: 2 cycle a head of occurred time.		
202	Htg Roller:End Det3	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is detect temp.: center: 2 cycle a head of occurred time.		
203	Press Roller:Ctr Det3	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is ambiance temp.: center: 2 cycle a head of occurred time.		
204	Press Roller:End Det3	*ENG	[-5 to 300 / **0** / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: edge: 2 cycle a head of occurred time.		

1142	[Fusing Jam Detection]		
001	SC Display	*ENG	[0 or 1 / **0** / 1/step] 0: OFF 1: ON
	Display SC or not when detecting a fusing jam 3 times in a roll.		

1151	[Pressure Setting]		
001	Pressure Change ON/OFF	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Do not change. Switch welding pressure.		
002	Pressure Time1	*ENG	[0 to 10000 / **70** / 10msec/step]
	Do not change. Rotate time form pressure filler edge to pressure 1		
003	Pressure Time2	*ENG	[0 to 10000 / **70** / 10msec/step]
	Do not change. Rotate time form pressure filler edge to pressure 2		
005	Depressure Time	*ENG	[0 to 10000 / **0** / 10msec/step]
	Do not change. Rotate time form depressure filler edge to depressure position		
010	Shift Time:Energy Saving	*ENG	[0 to 3600 / **0** / 1sec/step]
	Do not change. Printer: Change depressure timing when standing by after paper trough of image process temperature correction level 2.		
011	Shift Time	*ENG	[0 to 3600 / **60** / 1sec/step]
	Do not change. Change depressure timing when standby.		
051	Rotary speed	*ENG	[-12.8 to 12.7 / **0** / 0.1%/step]
	Do not change. Adjusts rotate speed of fusing depressure drive. Rotate speed[pps]= basis rotate speed[pps]+basis rotate speed[pps] x SP set value [%}		
1151	[Pressure Setting]		
101	Pressure:Plain1/2	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: standard paper 1/2		
102	Pressure:Thin	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: thin paper		
103	Pressure:M-thick	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: middle thick		

2

104	Pressure:Thick1	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: thick paper 1		
105	Pressure:Thick2	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: thick paper 2:		
106	Pressure:Thick3	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: thick paper 3:		
107	Pressure:Special1	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: special paper 1		
108	Pressure:Special2	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: special paper 2		
109	Pressure:Special3	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: special paper 3:		
110	Pressure:Envelope	*ENG	[0 to 3 / **1** / 1/step]
	Do not change. Pressure setting welding pressure: envelope		
131	Pressure:Special1:Middle Speed	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: special paper 1		
132	Pressure:Special2:Middle Speed	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: special paper 2		
133	Pressure:Special3:Middle Speed	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: special paper 3:		
151	Pressure:Plain1/2:Low Speed	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: standard paper 1/2: low speed		
152	Pressure:M-thick:Low Speed	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: middle thick: low speed		
153	Pressure:Thick1:Low Speed	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: thick paper 1: low speed		

154	Pressure:Special1:Low Speed	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: special paper 1: low speed		
155	Pressure:Special2:Low Speed	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: special paper 2: low speed		
156	Pressure:Plain1/2:Glossy	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting coat: standard paper 1/2		
157	Pressure:M-thick:Glossy	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting coat: middle thick		
158	Pressure:OHP	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: OHP		
159	Pressure:Envelope:Low Speed	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: envelope: low speed		
160	Pressure:Thin:Low Speed	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: thin paper: low speed		
161	Pressure:Thick4	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: thick paper 4:		
162	Pressure:Postcard	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: thick paper 4:		
163	Pressure:Special3:Low Speed	*ENG	[0 to 3 / **2** / 1/step]
	Do not change. Pressure setting welding pressure: special paper 2: low speed		
201	Filler Edge Detection Counter	ENG	[0 to 9000000 / **0** / 1/step]
	Do not change. Times detecting filler edge		

1152	[Fusing Nip Band Check]		
001	Execute	ENG	[0 or 1 / **0** / 1/step]
	Measure nip.		

002	Pre-idling Time	*ENG	[0 to 999 / **300** / 1sec/step]
	Do not change. Measuring fusing nip width before measure rotate time		
003	Stop Time	*ENG	[0 to 100 / **20** / 1sec/step]
	Do not change. Measuring fusing nip width stop time		
004	Pressure Position	*ENG	[1 to 2 / **2** / 1/step]
	Do not change. Measuring fusing nip width pressuring position		

1153	[Abnormal Noise Confirmation]		
001	Unit: Execute	ENG	[0 or 1 / **0** / 1/step]
	Do not change. Abnormal sound check control (Mode not available)		
003	Operation Line Speed	ENG	[0 to 2 / **0** / 1/step] 0: Std Speed 1: Mid Speed 2: Low Speed
	Do not change. Operating line speed of abnormal sound check control		
004	Operation Time	ENG	[0 to 240 / **60** / 1sec/step]
	Do not change. Operating time of abnormal sound check control		
005	Heat Center Target Temp	ENG	[100 to 180 / **130** / 1deg/step]
	Do not change. Heating center target temperature of abnormal sound check control		
006	Heat End Target Temp	ENG	[100 to 180 / **130** / 1deg/step]
	Do not change. Heating edge target temperature of abnormal sound check control		
007	Press Target Temp	ENG	[0 to 200 / **0** / 1deg/step]
	Do not change. Pressuring target temperature of abnormal sound check control		

1154	[Switch:Rotation Start/Stop]

001	Judging Method Change	*ENG	[0 or 1 / **0** / 1/step] 0: On 1: Off
	Do not change. Switches Over heat prevent mode.		
005	-	*ENG	[0 to 250 / **50** / 10msec/step]
	Do not change. Heater On timing of start rotate/stop control		
006	Overshoot Prevent Temp.:SC	*ENG	[0 to 250 / **D146:185, D147:185, D148:195, D149:200, D150:200** / 1deg/step]
	Do not change. Rotate start temperature of over heat prevent mode when error occurs.		

1155	**[Small Size Paper Control]**		
	Do not change. Small size heater control.		
001	Print Width	ENG	[0 to 300 / **0** / 1mm/step]

1155	**[Short Heater Control]**		
	Do not change. Small size heater control.		
011	Feed Permit Temp.:delta:Center	ENG	[0 to 200 / **5** / 1deg/step]
012	Feed Permit Temp.:delta:Press	ENG	[0 to 200 / **100** / 1deg/step]
013	Feed Permit Rotation Time	ENG	[0 to 100 / **0** / 1deg/step]
021	After Job End Temp.:Center	ENG	[0 to 200 / **5** / 1sec/step]
022	After Job End Temp.:End	ENG	[0 to 200 / **5** / 1sec/step]
023	After Job End Time	ENG	[0 to 100 / **0** / 1sec/step]

1157	**[Overshoot Prevent Control]**		
	Do not change. Over shoot prevent control.		
001	Decision Time	*ENG	[0 to 100 / **5** / 1sec/step]
	Off sleep shift time		

002	Decision Temp.	*ENG	[0 to 250 / **D146:185, D147:185, D148:195, D149:200, D150:200** / 1deg/step]
	Judge temperature		
003	-	*ENG	[0 to 300 / **15** / 1sec/step]
	Off sleep shift time		

1161	[Shading Plate Control]		
001	Judgment Temp A	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. Temperature threshold of initial position judge		
002	Judgment Temp B	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. Temperature threshold of initial position judge		
003	Position Transition Time	ENG	[0 to 10000 / **1000** / 1msec/step]
	Do not change. Time from sensor temperature goes over threshold to position shift fixed.		
004	After Transition Time Out	ENG	[0 to 20000 / **0** / 1msec/step]
	Do not change. Time from after position shifted to next position shift judge.		

1162	[Shading Position Temp: 12inch: 1]		
001	Shading Position Temp: 12inch: 1	ENG	[0 to 250 / **D146:155, D147:155, D148:170, D149:170, D150:170** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of 12inch		
002	Shading Position Temp: 12inch: 2	ENG	[0 to 250 / **D146:165, D147:165, D148:185, D149:185, D150:185** / 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of 12inch		
003	Shading Position Temp: 12inch: 3	ENG	[0 to 250 / **D146:175, D147:175, D148:195, D149:195, D150:195** / 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of 12inch		

004	Shading Position Temp: A3: 1	ENG	[0 to 250 / **D146:155, D147:155, D148:170, D149:170, D150:170** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of A3		
005	Shading Position Temp: A3: 2	ENG	[0 to 250 / **D146:165, D147:165, D148:185, D149:185, D150:185** / 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of A3		
006	Shading Position Temp: A3: 3	ENG	[0 to 250 / **D146:175, D147:175, D148:195, D149:195, D150:195** / 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of A3		
007	Shading Position Temp: DLT: 1	ENG	[0 to 250 / **D146:150, D147:150, D148:130, D149:130, D150:130** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of DLT		
008	Shading Position Temp: DLT: 2	ENG	[0 to 250 / **D146:160, D147:160, D148:140, D149:140, D150:140** / 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of DLT		
009	Shading Position Temp: DLT: 3	ENG	[0 to 250 / **D146:170, D147:170, D148:150, D149:150, D150:150** / 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of DLT		
010	Shading Position Temp: B4: 1	ENG	[0 to 250 / **D146:150, D147:150, D148:130, D149:130, D150:130** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of B4		
011	Shading Position Temp: B4: 2	ENG	[0 to 250 / **D146:160, D147:160, D148:140, D149:140, D150:140** / 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of B4		

2

012	Shading Position Temp: B4: 3	ENG	[0 to 250 / **D146:170, D147:170, D148:150, D149:150, D150:150** / 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of B4		
013	Shading Position Temp: LT: 1	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of LT		
014	Shading Position Temp: LT: 2	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of LT		
015	Shading Position Temp: LT: 3	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of LT		
016	Shading Position Temp: A4: 1	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of A4		
017	Shading Position Temp: A4: 2	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of A4		
018	Shading Position Temp: A4: 3	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of A4		
019	Shading Position Temp: B5: 1	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of B5		
020	Shading Position Temp: B5: 2	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of B5		
021	Shading Position Temp: B5: 3	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of B5		
022	Shading Position Temp: A5: 1	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of A5		
023	Shading Position Temp: A5: 2	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of A5		

024	Shading Position Temp: A5: 3	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of A5		
025	Shading Position Temp: B6: 1	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of B6		
026	Shading Position Temp: B6: 2	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of B6		
027	Shading Position Temp: B6: 3	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of B6		
028	Shading Position Temp: DLEnv: 1	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of DLEnv		
029	Shading Position Temp: DLEnv: 2	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of DLEnv		
030	Shading Position Temp: DLEnv: 3	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of DLEnv		
031	Shading Position Temp: COM10: 1	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of com10		

2

2

032	Shading Position Temp: COM10: 2	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of com10		
033	Shading Position Temp: COM10: 3	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of com10		
034	Shading Position Temp: Postcard: 1	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of post card		
035	Shading Position Temp: Postcard: 2	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of post card		
036	Shading Position Temp: Postcard: 3	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of post card		
037	Shading Position Temp: 12inch: 4	ENG	[0 to 250 / **D146:180, D147:180, D148:200, D149:200, D150:200 /** 1deg/step]
	Do not change. No 4 position (small shade) Transitions temperature of 12inch		
038	Shading Position Temp: 12inch: 5	ENG	[0 to 250 / **D146:185, D147:185, D148:205, D149:205, D150:205 /** 1deg/step]
	Do not change. No 5 position (middle shade) Transitions temperature of 12inch		
039	Shading Position Temp: 12inch: 6	ENG	[0 to 250 / **D146:190, D147:190, D148:210, D149:210, D150:210 /** 1deg/step]
	Do not change. No 6 position (large shade) Transitions temperature of 12inch		

040	Shading Position Temp: 12inch: 7	ENG	[0 to 250 / **D146:195, D147:195, D148:215, D149:215, D150:215** / 1deg/step]
	Do not change. No 7 position (small shade) Transitions temperature of 12inch		
041	Shading Position Temp: 12inch: 8	ENG	[0 to 250 / **D146:200, D147:200, D148:220, D149:220, D150:220** / 1deg/step]
	Do not change. No 8 position (middle shade) Transitions temperature of 12inch		
042	Shading Position Temp: A3: 4	ENG	[0 to 250 / **D146:180, D147:180, D148:200, D149:200, D150:200** / 1deg/step]
	Do not change. No 4 position (small shade) Transitions temperature of A3		
043	Shading Position Temp: A3: 5	ENG	[0 to 250 / **D146:185, D147:185, D148:205, D149:205, D150:205** / 1deg/step]
	Do not change. No 5 position (small shade) Transitions temperature of A3		
044	Shading Position Temp: A3: 6	ENG	[0 to 250 / **D146:190, D147:190, D148:210, D149:210, D150:210** / 1deg/step]
	Do not change. No 6 position (small shade) Transitions temperature of A3		
045	Shading Position Temp: A3: 7	ENG	[0 to 250 / **D146:195, D147:195, D148:215, D149:215, D150:215** / 1deg/step]
	Do not change. No 7 position (small shade) Transitions temperature of A3		
046	Shading Position Temp: A3: 8	ENG	[0 to 250 / **D146:200, D147:200, D148:220, D149:220, D150:220** / 1deg/step]
	Do not change. No 8 position (small shade) Transitions temperature of A3		
047	Shading Position Temp: DLT: 4	ENG	[0 to 250 / **D146:180, D147:180, D148:160, D149:160, D150:160** / 1deg/step]
	Do not change. No 4 position (small shade) Transitions temperature of DLT		

2

2

048	Shading Position Temp: DLT: 5	ENG	[0 to 250 / **D146:185, D147:185, D148:170, D149:170, D150:170 /** 1deg/step]
	Do not change. No 5 position (small shade) Transitions temperature of DLT		
049	Shading Position Temp: DLT: 6	ENG	[0 to 250 / **D146:190, D147:190, D148:180, D149:180, D150:180 /** 1deg/step]
	Do not change. No 6 position (small shade) Transitions temperature of DLT		
050	Shading Position Temp: DLT: 7	ENG	[0 to 250 / **D146:195, D147:195, D148:190, D149:190, D150:190 /** 1deg/step]
	Do not change. No 7 position (small shade) Transitions temperature of DLT		
051	Shading Position Temp: DLT: 8	ENG	[0 to 250 / **200** / 1deg/step]
	Do not change. No 8 position (small shade) Transitions temperature of DLT		
052	Shading Position Temp: B4: 4	ENG	[0 to 250 / **D146:180, D147:180, D148:160, D149:160, D150:160 /** 1deg/step]
	Do not change. No 4 position (small shade) Transitions temperature of B4		
053	Shading Position Temp: B4: 5	ENG	[0 to 250 / **D146:185, D147:185, D148:170, D149:170, D150:170 /** 1deg/step]
	Do not change. No 5 position (small shade) Transitions temperature of B4		
054	Shading Position Temp: B4: 6	ENG	[0 to 250 / **D146:190, D147:190, D148:180, D149:180, D150:180 /** 1deg/step]
	Do not change. No 6 position (small shade) Transitions temperature of B4		
055	Shading Position Temp: B4: 7	ENG	[0 to 250 / **D146:195, D147:195, D148:190, D149:190, D150:190 /** 1deg/step]
	Do not change. No 7 position (small shade) Transitions temperature of B4		

056	Shading Position Temp: B4: 8	ENG	[0 to 250 / **200** / 1deg/step]
	Do not change. No 8 position (small shade) Transitions temperature of B4		
057	Shading Position Temp: LT: 4	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 4 position (small shade) Transitions temperature of LT		
058	Shading Position Temp: LT: 5	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 5 position (small shade) Transitions temperature of LT		
059	Shading Position Temp: LT: 6	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 6 position (small shade) Transitions temperature of LT		
060	Shading Position Temp: LT: 7	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 7 position (small shade) Transitions temperature of LT		
061	Shading Position Temp: LT: 8	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 8 position (small shade) Transitions temperature of LT		
062	Shading Position Temp: A4: 4	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 4 position (large shade) Transitions temperature of A4		
063	Shading Position Temp: A4: 5	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 5 position (large shade) Transitions temperature of A4		
064	Shading Position Temp: A4: 6	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 6 position (large shade) Transitions temperature of A4		
065	Shading Position Temp: A4: 7	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 7 position (large shade) Transitions temperature of A4		
066	Shading Position Temp: A4: 8	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 8 position (large shade) Transitions temperature of A4		
067	Shading Position Temp: B5: 4	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 4 position (large shade) Transitions temperature of B5		
068	Shading Position Temp: B5: 5	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 5 position (large shade) Transitions temperature of B5		

2

069	Shading Position Temp: B5: 6	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 6 position (large shade) Transitions temperature of B5		
070	Shading Position Temp: B5: 7	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 7 position (large shade) Transitions temperature of B5		
071	Shading Position Temp: B5: 8	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 8 position (large shade) Transitions temperature of B5		
072	Shading Position Temp: A5: 4	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 4 position (small shade) Transitions temperature of A5		
073	Shading Position Temp: A5: 5	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 5 position (small shade) Transitions temperature of A5		
074	Shading Position Temp: A5: 6	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 6 position (small shade) Transitions temperature of A5		
075	Shading Position Temp: A5: 7	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 7 position (small shade) Transitions temperature of A5		
076	Shading Position Temp: A5: 8	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 8 position (small shade) Transitions temperature of A5		
077	Shading Position Temp: B6: 4	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 4 position (small shade) Transitions temperature of B6		
078	Shading Position Temp: B6: 5	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 5 position (small shade) Transitions temperature of B6		
079	Shading Position Temp: B6: 6	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 6 position (small shade) Transitions temperature of B6		

080	Shading Position Temp: B6: 7	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 7 position (small shade) Transitions temperature of B6		
081	Shading Position Temp: B6: 8	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 8 position (small shade) Transitions temperature of B6		
082	Shading Position Temp: DLEnv: 4	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 4 position (small shade) Transitions temperature of DLEnv		
083	Shading Position Temp: DLEnv: 5	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 5 position (small shade) Transitions temperature of DLEnv		
084	Shading Position Temp: DLEnv: 6	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 6 position (small shade) Transitions temperature of DLEnv		
085	Shading Position Temp: DLEnv: 7	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 7 position (small shade) Transitions temperature of DLEnv		
086	Shading Position Temp: DLEnv: 8	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 8 position (small shade) Transitions temperature of DLEnv		
087	Shading Position Temp: COM10: 4	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 4 position (small shade) Transitions temperature of com10		

088	Shading Position Temp: COM10: 5	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 5 position (small shade) Transitions temperature of com10		
089	Shading Position Temp: COM10: 6	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 6 position (small shade) Transitions temperature of com10		
090	Shading Position Temp: COM10: 7	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 7 position (small shade) Transitions temperature of com10		
091	Shading Position Temp: COM10: 8	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 8 position (small shade) Transitions temperature of com10		
092	Shading Position Temp: Postcard: 4	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 4 position (small shade) Transitions temperature of post card		
093	Shading Position Temp: Postcard: 5	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 5 position (small shade) Transitions temperature of post card		
094	Shading Position Temp: Postcard: 6	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 6 position (small shade) Transitions temperature of post card		
095	Shading Position Temp: Postcard: 7	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250 /** 1deg/step]
	Do not change. No 7 position (small shade) Transitions temperature of post card		

096	Shading Position Temp: Postcard: 8	ENG	[0 to 250 / **D146:165, D147:165, D148:250, D149:250, D150:250** / 1deg/step]
	Do not change. No 8 position (small shade) Transitions temperature of post card		
121	Shading Position Temp: SRA3: 1	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 1 position (small shade) Transitions temperature of SRA3		
122	Shading Position Temp: SRA3: 2	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 2 position (middle shade) Transitions temperature of 1SRA3		
123	Shading Position Temp: SRA3: 3	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 3 position (large shade) Transitions temperature of SRA3		
124	Shading Position Temp: SRA3: 4	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 4 position (small shade) Transitions temperature of SRA3		
125	Shading Position Temp: SRA3: 5	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 5 position (middle shade) Transitions temperature of 1SRA3		
126	Shading Position Temp: SRA3: 6	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 6 position (large shade) Transitions temperature of SRA3		
127	Shading Position Temp: SRA3: 7	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 7 position (small shade) Transitions temperature of SRA3		
128	Shading Position Temp: SRA3: 8	ENG	[0 to 250 / **250** / 1deg/step]
	Do not change. No 8 position (middle shade) Transitions temperature of 1SRA3		
201	Shading Position Temp: 12inch: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return 12inch position to HP		
202	Shading Position Temp: A3: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return A3 position to HP		
203	Shading Position Temp: DLT: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return DLT position to HP		

2

204	Shading Position Temp: B4: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return B4 position to HP		
205	Shading Position Temp: LT: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return LT position to HP		
206	Shading Position Temp: A4: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return A4 position to HP		
207	Shading Position Temp: B5: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return B5 position to HP		
208	Shading Position Temp: A5: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return A5 position to HP		
209	Shading Position Temp: B6: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return A6 position to HP		
210	Shading Position Temp: DLEnv: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return DLEnv position to HP		
211	Shading Position Temp: COM10: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return com10 position to HP		
212	Shading Position Temp: Postcard: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return post card position to HP		
213	Shading Position Temp: SRA3: Clear	ENG	[0 to 250 / **0** / 1deg/step]
	Do not change. Temperature threshold to return SRA3 position to HP		

1163	[Shading Plate Control]

001	Shading Position Time: 12inch: 1	ENG	[0 to 10000 / **D146:14, D147:14, D148:8, D149:8, D150:8** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of 12inch		
002	Shading Position Time: 12inch: 2	ENG	[0 to 10000 / **D146:27, D147:27, D148:33, D149:33, D150:33** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of 12inch		
003	Shading Position Time: 12inch: 3	ENG	[0 to 10000 / **D146:53, D147:53, D148:60, D149:60, D150:60** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of 12inch		
004	Shading Position Time: A3: 1	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of A3		
005	Shading Position Time: A3: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of A3		
006	Shading Position Time: A3: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of A3		
007	Shading Position Time: DLT: 1	ENG	[0 to 10000 / **D146:10000, D147:10000, D148:10, D149:10, D150:10** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of DLT		
008	Shading Position Time: DLT: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of DLT		
009	Shading Position Time: DLT: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of DLT		
010	Shading Position Time: B4: 1	ENG	[0 to 10000 / **D146:10000, D147:10000, D148:5, D149:5, D150:5** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of B4		

2

011	Shading Position Time: B4: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of B4		
012	Shading Position Time: B4: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of B4		
013	Shading Position Time: LT: 1	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of LT		
014	Shading Position Time: LT: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of LT		
015	Shading Position Time: LT: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of LT		
016	Shading Position Time: A4: 1	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of A4		
017	Shading Position Time: A4: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of A4		
018	Shading Position Time: A4: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of A4		
019	Shading Position Time: B5: 1	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of B5		
020	Shading Position Time: B5: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of B5		
021	Shading Position Time: B5: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of B5		
022	Shading Position Time: A5: 1	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of A5		
023	Shading Position Time: A5: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of A5		

024	Shading Position Time: A5: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of A5		
025	Shading Position Time: B6: 1	ENG	[0 to 10000 / **D146:5, D147:5, D148:10000, D149:10000, D150:10000** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of B6		
026	Shading Position Time: B6: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of B6		
027	Shading Position Time: B6: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of B6		
028	Shading Position Time: DLEnv: 1	ENG	[0 to 10000 / **D146:5, D147:5, D148:10000, D149:10000, D150:10000** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of DLEnv		
029	Shading Position Time: DLEnv: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of DLEnv		
030	Shading Position Time: DLEnv: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of DLEnv		
031	Shading Position Time: COM10: 1	ENG	[0 to 10000 / **D146:5, D147:5, D148:10000, D149:10000, D150:10000** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of com10		
032	Shading Position Time: COM10: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of com10		
033	Shading Position Time: COM10: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of com10		

034	Shading Position Time: Postcard: 1	ENG	[0 to 10000 / **D146:5, D147:5, D148:10000, D149:10000, D150:10000** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of post card		
035	Shading Position Time: Postcard: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of post card		
036	Shading Position Time: Postcard: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of post card		
037	Shading Position Time: 12inch: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 4 position (small shade) Transitions time of 12inch		
038	Shading Position Time: 12inch: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of 12inch		
039	Shading Position Time: 12inch: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of 12inch		
040	Shading Position Time: 12inch: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of 12inch		
041	Shading Position Time: 12inch: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of 12inch		
042	Shading Position Time: A3: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 4 position (small shade) Transitions time of A3		
043	Shading Position Time: A3: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of A3		
044	Shading Position Time: A3: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of A3		
045	Shading Position Time: A3: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of A3		

046	Shading Position Time: A3: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of A3		
047	Shading Position Time: DLT: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 4 position (small shade) Transitions time of DLT		
048	Shading Position Time: DLT: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of DLT		
049	Shading Position Time: DLT: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of DLT		
050	Shading Position Time: DLT: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of DLT		
051	Shading Position Time: DLT: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of DLT		
052	Shading Position Time: B4: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 4 position (small shade) Transitions time of B4		
053	Shading Position Time: B4: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of B4		
054	Shading Position Time: B4: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of B4		
055	Shading Position Time: B4: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of B4		
056	Shading Position Time: B4: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of B4		
057	Shading Position Time: LT: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 14 position (small shade) Transitions time of LT		
058	Shading Position Time: LT: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of LT		

059	Shading Position Time: LT: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of LT		
060	Shading Position Time: LT: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of LT		
061	Shading Position Time: LT: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of LT		
062	Shading Position Time: A4: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 4 position (small shade) Transitions time of A4		
063	Shading Position Time: A4: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of A4		
064	Shading Position Time: A4: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of A4		
065	Shading Position Time: A4: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of A4		
066	Shading Position Time: A4: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of A4		
067	Shading Position Time: B5: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 4 position (small shade) Transitions time of B5		
068	Shading Position Time: B5: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of B5		
069	Shading Position Time: B5: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of B5		
070	Shading Position Time: B5: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of B5		
071	Shading Position Time: B5: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of B5		

072	Shading Position Time: A5: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 4 position (small shade) Transitions time of A5		
073	Shading Position Time: A5: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of A5		
074	Shading Position Time: A5: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of A5		
075	Shading Position Time: A5: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of A5		
076	Shading Position Time: A5: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of A5		
077	Shading Position Time: B6: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 4 position (small shade) Transitions time of B6		
078	Shading Position Time: B6: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of B6		
079	Shading Position Time: B6: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of B6		
080	Shading Position Time: B6: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of B6		
081	Shading Position Time: B6: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of B6		
082	Shading Position Time: DLEnv: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 4 position (small shade) Transitions time of DLEnv		
083	Shading Position Time: DLEnv: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of DLEnv		
084	Shading Position Time: DLEnv: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of DLEnv		

2

085	Shading Position Time: DLEnv: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of DLEnv		
086	Shading Position Time: DLEnv: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of DLEnv		
087	Shading Position Time: COM10: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 4 position (small shade) Transitions time of com10		
088	Shading Position Time: COM10: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of com10		
089	Shading Position Time: COM10: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of com10		
090	Shading Position Time: COM10: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of com10		
091	Shading Position Time: COM10: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of com10		
092	Shading Position Time: Postcard: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 4 position (small shade) Transitions time of post card		
093	Shading Position Time: Postcard: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of post card		
094	Shading Position Time: Postcard: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of post card		
095	Shading Position Time: Postcard: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of post card		

096	Shading Position Time: Postcard: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of post card		
121	Shading Position Time: SRA3: 1	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 1 position (small shade) Transitions time of 12inch		
122	Shading Position Time: SRA3: 2	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 2 position (middle shade) Transitions time of 12inch		
123	Shading Position Time: SRA3: 3	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 3 position (large shade) Transitions time of 12inch		
124	Shading Position Time: SRA3: 4	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 14 position (small shade) Transitions time of 12inch		
125	Shading Position Time: SRA3: 5	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 5 position (small shade) Transitions time of 12inch		
126	Shading Position Time: SRA3: 6	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 6 position (small shade) Transitions time of 12inch		
127	Shading Position Time: SRA3: 7	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 7 position (small shade) Transitions time of 12inch		
128	Shading Position Time: SRA3: 8	ENG	[0 to 10000 / **10000** / 1sec/step]
	Do not change. No 8 position (small shade) Transitions time of 12inch		

1164	[Shading Plate Control]		
001	Shading Position: 12inch: 1	ENG	[0 to 1000 / **D146:37, D147:37, D148:90, D149:90, D150:90** / 1pluse/step]
	Do not change. No 1 position (small shade) of 12inch		
002	Shading Position: 12inch: 2	ENG	[0 to 1000 / **D146:77, D147:77, D148:120, D149:120, D150:120** / 1pluse/step]
	Do not change. No 2 position (middle shade) of 12inch		

003	Shading Position: 12inch: 3	ENG	[0 to 1000 / **D146:117, D147:117, D148:150, D149:150, D150:150** / 1pluse/step]
	Do not change. No 3 position (large shade) of 12inch		
004	Shading Position: A3: 1	ENG	[0 to 1000 / **D146:37, D147:37, D148:90, D149:90, D150:90** / 1pluse/step]
	Do not change. No 1 position (small shade) of A3		
005	Shading Position: A3: 2	ENG	[0 to 1000 / **D146:77, D147:77, D148:120, D149:120, D150:120** / 1pluse/step]
	Do not change. No 2 position (middle shade) of A3		
006	Shading Position: A3: 3	ENG	[0 to 1000 / **D146:117, D147:117, D148:150, D149:150, D150:150** / 1pluse/step]
	Do not change. No 3 position (large shade) of A3		
007	Shading Position: DLT: 1	ENG	[0 to 1000 / **D146:77, D147:77, D148:110, D149:110, D150:110** / 1pluse/step]
	Do not change. No 1 position (small shade) of DLT		
008	Shading Position: DLT: 2	ENG	[0 to 1000 / **D146:127, D147:127, D148:140, D149:140, D150:140** / 1pluse/step]
	Do not change. No 2 position (middle shade) of DLT		
009	Shading Position: DLT: 3	ENG	[0 to 1000 / **D146:177, D147:177, D148:170, D149:170, D150:170** / 1pluse/step]
	Do not change. No 3 position (large shade) of DLT		
010	Shading Position: B4: 1	ENG	[0 to 1000 / **D146:77, D147:77, D148:110, D149:110, D150:110** / 1pluse/step]
	Do not change. No 1 position (small shade) of B4		

011	Shading Position: B4: 2	ENG	[0 to 1000 / **D146:127, D147:127, D148:140, D149:140, D150:140** / 1pluse/step]
	Do not change. No 2 position (middle shade) of B4		
012	Shading Position: B4: 3	ENG	[0 to 1000 / **D146:177, D147:177, D148:170, D149:170, D150:170** / 1pluse/step]
	Do not change. No 3 position (large shade) of B4		
013	Shading Position: LT: 1	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 1 position (small shade) of LT		
014	Shading Position: LT: 2	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 2 position (middle shade) of LT		
015	Shading Position: LT: 3	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 3 position (large shade) of LT		
016	Shading Position: A4: 1	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 1 position (small shade) of A4		
017	Shading Position: A4: 2	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 2 position (middle shade) of A4		
018	Shading Position: A4: 3	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 3 position (large shade) of A4		
019	Shading Position: B5: 1	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 1 position (small shade) of B5		
020	Shading Position: B5: 2	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 2 position (middle shade) of B5		
021	Shading Position: B5: 3	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 3 position (large shade) of B5		

2

022	Shading Position: A5: 1	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 1 position (small shade) of A5		
023	Shading Position: A5: 2	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 2 position (middle shade) of A5		
024	Shading Position: A5: 3	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 3 position (large shade) of A5		
025	Shading Position: B6: 1	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/step]
	Do not change. No 1 position (small shade) of B6		
026	Shading Position: B6: 2	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/step]
	Do not change. No 2 position (middle shade) of B6		
027	Shading Position: B6: 3	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/step]
	Do not change. No 3 position (large shade) of B6		
028	Shading Position: DLEnv: 1	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/step]
	Do not change. No 1 position (small shade) of DLEnv		
029	Shading Position: DLEnv: 2	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/step]
	Do not change. No 2 position (middle shade) of DLEnv		
030	Shading Position: DLEnv: 3	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/step]
	Do not change. No 3 position (large shade) of DLEnv		

031	Shading Position: COM10: 1	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 1 position (small shade) of com10		
032	Shading Position: COM10: 2	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 2 position (middle shade) of com10		
033	Shading Position: COM10: 3	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 3 position (large shade) of com10		
034	Shading Position: Postcard: 1	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 1 position (small shade) of post card		
035	Shading Position: Postcard: 2	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 2 position (middle shade) of post card		
036	Shading Position: Postcard: 3	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 3 position (large shade) of post card		
037	Shading Position: 12inch: 4	ENG	[0 to 1000 / **D146:157, D147:157, D148:180, D149:180, D150:180** / 1pluse/step]
	Do not change. No 4 position (small shade) of 12inch		
038	Shading Position: 12inch: 5	ENG	[0 to 1000 / **D146:177, D147:177, D148:210, D149:210, D150:210** / 1pluse/step]
	Do not change. No 5 position (middle shade) of 12inch		

2

039	Shading Position: 12inch: 6	ENG	[0 to 1000 / **D146:177, D147:177, D148:240, D149:240, D150:240 /** 1pluse/step]
	Do not change. No 6 position (large shade) of 12inch		
040	Shading Position: 12inch: 7	ENG	[0 to 1000 / **D146:177, D147:177, D148:270, D149:270, D150:270 /** 1pluse/step]
	Do not change. No 7 position (small shade) of 12inch		
041	Shading Position: 12inch: 8	ENG	[0 to 1000 / **D146:177, D147:177, D148:300, D149:300, D150:300 /** 1pluse/step]
	Do not change. No 8 position (small shade) of 12inch		
042	Shading Position: A3: 4	ENG	[0 to 1000 / **D146:157, D147:157, D148:180, D149:180, D150:180 /** 1pluse/step]
	Do not change. No 4 position (small shade) of A3		
043	Shading Position: A3: 5	ENG	[0 to 1000 / **D146:177, D147:177, D148:210, D149:210, D150:210 /** 1pluse/step]
	Do not change. No 5 position (small shade) of A3		
044	Shading Position: A3: 6	ENG	[0 to 1000 / **D146:177, D147:177, D148:240, D149:240, D150:240 /** 1pluse/step]
	Do not change. No 6 position (small shade) of A3		
045	Shading Position: A3: 7	ENG	[0 to 1000 / **D146:177, D147:177, D148:270, D149:270, D150:270 /** 1pluse/step]
	Do not change. No 7 position (small shade) of A3		
046	Shading Position: A3: 8	ENG	[0 to 1000 / **D146:177, D147:177, D148:300, D149:300, D150:300 /** 1pluse/step]
	Do not change. No 8 position (small shade) of A3		

047	Shading Position: DLT: 4	ENG	[0 to 1000 / **D146:177, D147:177, D148:200, D149:200, D150:200** / 1pluse/step]
	Do not change. No 4 position (small shade) of DLT		
048	Shading Position: DLT: 5	ENG	[0 to 1000 / **D146:177, D147:177, D148:230, D149:230, D150:230** / 1pluse/step]
	Do not change. No 5 position (small shade) of DLT		
049	Shading Position: DLT: 6	ENG	[0 to 1000 / **D146:177, D147:177, D148:260, D149:260, D150:260** / 1pluse/step]
	Do not change. No 6 position (small shade) of DLT		
050	Shading Position: DLT: 7	ENG	[0 to 1000 / **D146:177, D147:177, D148:290, D149:290, D150:290** / 1pluse/step]
	Do not change. No 7 position (small shade) of DLT		
051	Shading Position: DLT: 8	ENG	[0 to 1000 / **D146:177, D147:177, D148:320, D149:320, D150:320** / 1pluse/step]
	Do not change. No 8 position (small shade) of DLT		
052	Shading Position: B4: 4	ENG	[0 to 1000 / **D146:177, D147:177, D148:200, D149:200, D150:200** / 1pluse/step]
	Do not change. No 4 position (small shade) of B4		
053	Shading Position: B4: 5	ENG	[0 to 1000 / **D146:177, D147:177, D148:230, D149:230, D150:230** / 1pluse/step]
	Do not change. No 5 position (small shade) of B4		
054	Shading Position: B4: 6	ENG	[0 to 1000 / **D146:177, D147:177, D148:260, D149:260, D150:260** / 1pluse/step]
	Do not change. No 6 position (small shade) of B4		

2

055	Shading Position: B4: 7	ENG	[0 to 1000 / **D146:177, D147:177, D148:290, D149:290, D150:290** / 1pluse/step]
	Do not change. No 7 position (small shade) of B4		
056	Shading Position: B4: 8	ENG	[0 to 1000 / **D146:177, D147:177, D148:320, D149:320, D150:320** / 1pluse/step]
	Do not change. No 8 position (small shade) of B4		
057	Shading Position: LT: 4	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 4 position (small shade) of LT		
058	Shading Position: LT: 5	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 5 position (small shade) of LT		
059	Shading Position: LT: 6	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 6 position (small shade) of LT		
060	Shading Position: LT: 7	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 7 position (small shade) of LT		
061	Shading Position: LT: 8	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 8 position (small shade) of LT		
062	Shading Position: A4: 4	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 4 position (small shade) of A4		
063	Shading Position: A4: 5	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 5 position (small shade) of A4		
064	Shading Position: A4: 6	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 6 position (small shade) of A4		
065	Shading Position: A4: 7	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 7 position (small shade) of A4		

066	Shading Position: A4: 8	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 8 position (small shade) of A4		
067	Shading Position: B5: 4	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 4 position (small shade) of B5		
068	Shading Position: B5: 5	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 5 position (small shade) of B5		
069	Shading Position: B5: 6	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 6 position (small shade) of B5		
070	Shading Position: B5: 7	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 7 position (small shade) of B5		
071	Shading Position: B5: 8	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 8 position (small shade) of B5		
072	Shading Position: A5: 4	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 4 position (small shade) of A5		
073	Shading Position: A5: 5	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 5 position (small shade) of A5		
074	Shading Position: A5: 6	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 6 position (small shade) of A5		
075	Shading Position: A5: 7	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 7 position (small shade) of A5		
076	Shading Position: A5: 8	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 8 position (small shade) of A5		
077	Shading Position: B6: 4	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/step]
	Do not change. No 4 position (small shade) of B6		

078	Shading Position: B6: 5	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 5 position (small shade) of B6		
079	Shading Position: B6: 6	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 6 position (small shade) of B6		
080	Shading Position: B6: 7	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 7 position (small shade) of B6		
081	Shading Position: B6: 8	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 8 position (small shade) of B6		
082	Shading Position: DLEnv: 4	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 4 position (small shade) of DLEnv		
083	Shading Position: DLEnv: 5	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 5 position (small shade) of DLEnv		
084	Shading Position: DLEnv: 6	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 6 position (small shade) of DLEnv		
085	Shading Position: DLEnv: 7	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 7 position (small shade) of DLEnv		

086	Shading Position: DLEnv: 8	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1 pluse/ step]
	Do not change. No 8 position (small shade) of DLEnv		
087	Shading Position: COM10: 4	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1 pluse/ step]
	Do not change. No 4 position (small shade) of com10		
088	Shading Position: COM10: 5	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1 pluse/ step]
	Do not change. No 5 position (small shade) of com10		
089	Shading Position: COM10: 6	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1 pluse/ step]
	Do not change. No 6 position (small shade) of com10		
090	Shading Position: COM10: 7	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1 pluse/ step]
	Do not change. No 7 position (small shade) of com10		
091	Shading Position: COM10: 8	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1 pluse/ step]
	Do not change. No 8 position (small shade) of com10		
092	Shading Position: Postcard: 4	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1 pluse/ step]
	Do not change. No 4 position (small shade) of postcard		
093	Shading Position: Postcard: 5	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1 pluse/ step]
	Do not change. No 5 position (small shade) of postcard		

094	Shading Position: Postcard: 6	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 6 position (small shade) of postcard		
095	Shading Position: Postcard: 7	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 7 position (small shade) of postcard		
096	Shading Position: Postcard: 8	ENG	[0 to 1000 / **D146:320, D147:320, D148:0, D149:0, D150:0** / 1pluse/ step]
	Do not change. No 8 position (small shade) of postcard		
121	Shading Position: SRA3: 1	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 1 position (small shade) of SRA2		
122	Shading Position: SRA3: 2	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 2 position (small shade) of SRA2		
123	Shading Position: SRA3: 3	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 3 position (small shade) of SRA2		
124	Shading Position: SRA3: 4	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 4 position (small shade) of SRA2		
125	Shading Position: SRA3: 5	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 5 position (small shade) of SRA2		
126	Shading Position: SRA3: 6	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 6 position (small shade) of SRA2		
127	Shading Position: SRA3: 7	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 7 position (small shade) of SRA2		
128	Shading Position: SRA3: 8	ENG	[0 to 1000 / **0** / 1pluse/step]
	Do not change. No 8 position (small shade) of SRA2		

1165	[Shading Plate Control]		
001	-	*ENG	[0 or 1 / **0** / 1/step] 0: ON 1: OFF
	Do not change. Execute shading plate control.		
101	Continuous Error Times	*ENG	[0 to 3 / **0** / 1/step]
	Do not change. Count of continuously judged as abnormal		

1166	[MBD-CPM Down Setting]		
	Do not change. Over heat prevent when continuously feeding paper.		
001	Judging Method Change	*ENG	[0 to 3 / **3** / 1/step] 0: All Off 1: CPM Down:On 2: Job End Rotation:On 3: All On
002	Output Correction:MBD	*ENG	[80 to 120 / **100** / 1%/step]
003	Power Rate Control:MBD	*ENG	[0 to 100 / **NA, TW: 89, EU, AS, CHN, KOR: 51** / 1%/step]
004	Press Reference Temp.:MBD	*ENG	[0 to 250 / **85** / 1deg/step]
005	Calculation Cycle:MBD	*ENG	[1 to 5 / **NA, TW:1 , EU, AS, CHN, KOR: 2** / 1sec/step]
006	Correction Coefficient 1:MBD	*ENG	[0 to 99 / **14** / 1/step]
007	Correction Coefficient 2:MBD	*ENG	[0 to 99 / **83** / 1/step]
008	Correction Coefficient 3:MBD	*ENG	[0 to 99 / **8** / 1/step]
009	Correction Coefficient 4:MBD	*ENG	[0 to 99 / **28** / 1/step]
010	Correction Coefficient 5:MBD	*ENG	[0 to 99 / **83** / 1/step]
011	Correction Coefficient 6:MBD	*ENG	[0 to 99 / **17** / 1/step]
021	Judgement Temp:MBD	*ENG	[0 to 500 / **270** / 1deg/step]

2

022	Cooling Time Set:MBD	*ENG	[0 to 99 / **10** / 1sec/step]
031	1st CPM Down Temp.:MBD	*ENG	[0 to 500 / **320** / 1deg/step]
032	2nd CPM Down Temp.:MBD	*ENG	[0 to 500 / **330** / 1deg/step]
033	3rd CPM Down Temp.:MBD	*ENG	[0 to 500 / **350** / 1deg/step]
034	1st CPM:MBD	*ENG	[0 to 100 / **85** / 1%/step]
035	2nd CPM:MBD	*ENG	[0 to 100 / **75** / 1%/step]
036	3rd CPM:MBD	*ENG	[0 to 100 / **50** / 1%/step]

1302	[Dbl-Feed Detect]		
	-		
001	Tray1	ENG	
002	Tray2	ENG	
003	Tray3	ENG	[0 or 1 / **1** / 1/step]
004	Tray4	ENG	0: OFF
005	LCT	ENG	1: ON
006	Bypass Tray	ENG	

1306	[Paper Thickness Sensor Cal]		
	-		
001	Ave	*ENG	[-2000 to 2000 / **0** / 1um]
002	Max	*ENG	[-2000 to 2000 / **0** / 1um]
003	Min	*ENG	[-2000 to 2000 / **0** / 1um]

1311	[Paper Thikness Error Times]		
	-		
001	Tray1	ENG	[0 to 65535 / **0** / 1/step]
002	Tray2	ENG	[0 to 65535 / **0** / 1/step]

003	Tray3	ENG	[0 to 65535 / **0** / 1/step]
004	Tray4	ENG	[0 to 65535 / **0** / 1/step]
005	LCT	ENG	[0 to 65535 / **0** / 1/step]
006	Bypass Tray	ENG	[0 to 65535 / **0** / 1/step]

1313	**[Paper Thikness Detect]**		
	-		
001	ON/OFF	ENG	[0 or 1 / **1** / 0] 0: OFF 1: ON

1801	**[Relay Motor Speed Adjust]**		
	Setting for resolution of paper thickness sensor. (* No need to change)		
001	Feed CCW:Plain:Low	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value as they are. All: 73mm/s, 1200dpi mode		
002	Feed CCW:Plain:Std	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
003	Feed CCW:Mid-thick:Std	*ENG	[-2.0 to 2.0 / **1.1** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
004	Feed CCW:Thick 1:Low	*ENG	[-2.0 to 2.0 / **1.2** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 73mm/s, Metis-C1b: 73mm/s		

005	Feed CCW:Thick 1:Mid	*ENG	[-2.0 to 2.0 / **1.2** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1c: 108mm/s, Metis-C1d: 108mm/s, Metis-C1e: 108mm/s		
006	Feed CCW:Thick 2:Low	*ENG	[-2.0 to 2.0 / **1.2** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
007	Feed CCW:Thick 3:Low	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
008	Feed CCW:Thick 4:Low	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
009	Feed CW:Plain:Low	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value as they are. All: 73mm/s, 1200dpi mode		
010	Feed CW:Plain:Std	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
011	Feed CW:Mid-thick:Std	*ENG	[-2.0 to 2.0 / **1.1** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
012	Feed CW:Thick 1:Low	*ENG	[-2.0 to 2.0 / **1.2** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 73mm/s, Metis-C1b: 73mm/s		

013	Feed CW:Thick 1:Mid	*ENG	[-2.0 to 2.0 / **1.2** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1c: 108mm/s, Metis-C1d: 108mm/s, Metis-C1e: 108mm/s		
014	Feed CW:Thick 2:Low	*ENG	[-2.0 to 2.0 / **1.2** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
015	Feed CW:Thick 3:Low	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
016	Feed CW:Thick 4:Low	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
017	Vertical Feed:Plain:Low	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value as they are. All: 73mm/s, 1200dpi mode		
018	Vertical Feed:Plain:Std	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
019	Vertical Feed:Mid-thick:Std	*ENG	[-2.0 to 2.0 / **1.1** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
020	Vertical Feed:Thick 1:Low	*ENG	[-2.0 to 2.0 / **1.2** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 73mm/s, Metis-C1b: 73mm/s		

021	Vertical Feed:Thick 1:Mid	*ENG	[-2.0 to 2.0 / **1.2** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1c: 108mm/s, Metis-C1d: 108mm/s, Metis-C1e: 108mm/s		
022	Vertical Feed:Thick 2:Low	*ENG	[-2.0 to 2.0 / **1.2** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
023	Vertical Feed:Thick 3:Low	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
024	Vertical Feed:Thick 4:Low	*ENG	[-2.0 to 2.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
025	Registration:Plain:Low	*ENG	[-2.0 to 2.0 / **0.3** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value as they are. All: 73mm/s, 1200dpi mode		
026	Registration:Plain:Std	*ENG	[-2.0 to 2.0 / **0.3** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
027	Registration:Mid-thick:Std	*ENG	[-2.0 to 2.0 / **0.3** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
028	Registration:Thick 1:Low	*ENG	[-2.0 to 2.0 / **0.4** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 73mm/s, Metis-C1b: 73mm/s		

029	Registration:Thick1:Mid	*ENG	[-2.0 to 2.0 / **0.4** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1c: 108mm/s, Metis-C1d: 108mm/s, Metis-C1e: 108mm/s		
030	Registration:Thick 2:Low	*ENG	[-2.0 to 2.0 / **0.4** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
031	Registration:Thick 3:Low	*ENG	[-2.0 to 2.0 / **0.3** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
032	Registration:Thick 4:Low	*ENG	[-2.0 to 2.0 / **0.3** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
033	Exit CCW:Plain:Low	*ENG	[-4.0 to 4.0 / **-0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflects adjusted value as they are. All: 73mm/s, 1200dpi mode		
034	Exit CCW:Plain:Std	*ENG	[-4.0 to 4.0 / **-0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
035	Exit CCW:Mid-thick:Std	*ENG	[-4.0 to 4.0 / **-0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
036	Exit CCW:Thick1:Low	*ENG	[-4.0 to 4.0 / **-0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 73mm/s, Metis-C1b: 73mm/s		
037	Exit CCW:Thick1:Mid	*ENG	[-4.0 to 4.0 / **-0.6** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1c: 108mm/s, Metis-C1d: 108mm/s, Metis-C1e: 108mm/s		

2

2

038	Exit CCW:Thick2:Low	*ENG	[-4.0 to 4.0 / **-0.9** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
039	Exit CCW:Thick3:Low	*ENG	[-4.0 to 4.0 / **-0.9** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
040	Exit CCW:Thick4:Low	*ENG	[-4.0 to 4.0 / **-0.9** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
041	Reverse CW:Plain:Low	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflects adjusted value as they are. All: 73mm/s, 1200dpi mode		
042	Reverse CW:Plain:Std	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
043	Reverse CW:Mid-thick:Std	*ENG	[-4.0 to 4.0 / **0.5** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
044	Reverse CW:Thick1:Low	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 73mm/s, Metis-C1b: 73mm/s		
045	Reverse CW:Thick1:Mid	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1c: 108mm/s, Metis-C1d: 108mm/s, Metis-C1e: 108mm/s		
046	Reverse CW:Thick2:Low	*ENG	[-4.0 to 4.0 / **0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1 all: 73mm/s		

047	Reverse CW:Thick3:Low	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
048	Reverse CW:Thick4:Low	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
049	Reverse CCW:Plain:Low	*ENG	[-4.0 to 4.0 / **-0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflects adjusted value as they are. All: 73mm/s, 1200dpi mode		
050	Reverse CCW:Plain:Std	*ENG	[-4.0 to 4.0 / **-0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
051	Reverse CCW:Mid-thick:Std	*ENG	[-4.0 to 4.0 / **-0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
052	Reverse CCW:Thick1:Low	*ENG	[-4.0 to 4.0 / **-0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 73mm/s, Metis-C1b: 73mm/s		
053	Reverse CCW:Thick1:Mid	*ENG	[-4.0 to 4.0 / **-0.6** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1c: 108mm/s, Metis-C1d: 108mm/s, Metis-C1e: 108mm/s		
054	Reverse CCW:Thick2:Low	*ENG	[-4.0 to 4.0 / **-0.9** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
055	Reverse CCW:Thick3:Low	*ENG	[-4.0 to 4.0 / **-0.9** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1 all: 73mm/s		

2

056	Reverse CCW:Thick4:Low	*ENG	[-4.0 to 4.0 / **-0.9** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
057	Duplex Enter CW:Plain:Low	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflects adjusted value as they are. All: 73mm/s, 1200dpi mode		
058	Duplex Enter CW:Plain:Std	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
059	Duplex Enter CW:Mid-thick:Std	*ENG	[-4.0 to 4.0 / **0.5** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
060	Duplex Enter CW:Thick1:Low	*ENG	[-4.0 to 4.0 / **0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1a: 73mm/s, Metis-C1b: 73mm/s		
061	Duplex Enter CW:Thick1:Mid	*ENG	[-4.0 to 4.0 / **0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1c: 108mm/s, Metis-C1d: 108mm/s, Metis-C1e: 108mm/s		
062	Duplex Enter CW:Thick2:Low	*ENG	[-4.0 to 4.0 / **0.8** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
063	Duplex Enter CW:Thick3:Low	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
064	Duplex CW:Plain:Low	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value as they are. All: 73mm/s, 1200dpi mode		

065	Duplex CW:Plain:Std	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
066	Duplex CW:Mid-thick:Std	*ENG	[-4.0 to 4.0 / **0.5** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		
067	Duplex CW:Thick1:Low	*ENG	[-4.0 to 4.0 / **0.8** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 73mm/s, Metis-C1b: 73mm/s		
068	Duplex CW:Thick1:Mid	*ENG	[-4.0 to 4.0 / **0.8** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1c: 108mm/s, Metis-C1d: 108mm/s, Metis-C1e: 108mm/s		
069	Duplex CW:Thick2:Low	*ENG	[-4.0 to 4.0 / **0.8** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
070	Duplex CW:Thick3:Low	*ENG	[-4.0 to 4.0 / **0.7** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s		
071	Duplex CCW:Plain:Low	*ENG	[-4.0 to 4.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value as they are. All: 73mm/s, 1200dpi mode		
072	Duplex CCW:Plain:Std	*ENG	[-4.0 to 4.0 / **0.9** / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s		

	Duplex CCW:Mid-thick:Std		*ENG	[-4.0 to 4.0 / **1.1** / 0.1%/step]
073	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 146mm/s, Metis-C1b: 146mm/s, Metis-C1c: 186mm/s, Metis-C1d: 256mm/s, Metis-C1e: 256mm/s			
	Duplex CCW:Thick1:Low		*ENG	[-4.0 to 4.0 / **1.2** / 0.1%/step]
074	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1a: 73mm/s, Metis-C1b: 73mm/s			
	Duplex CCW:Thick1:Mid		*ENG	[-4.0 to 4.0 / **1.2** / 0.1%/step]
075	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1c: 108mm/s, Metis-C1d: 108mm/s, Metis-C1e: 108mm/s			
	Duplex CCW:Thick2:Low		*ENG	[-4.0 to 4.0 / **1.2** / 0.1%/step]
076	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s			
	Duplex CCW:Thick3:Low		*ENG	[-4.0 to 4.0 / **0.9** / 0.1%/step]
077	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s			
	Duplex CCW:Thick4:Low		*ENG	[-4.0 to 4.0 / **0.9** / 0.1%/step]
078	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value as they are Metis-C1 all: 73mm/s			

1801	[Relay Motor Speed Adjust]			
	Low		ENG	[-4.0 to 4.0 / **-0.0** / 0.1%/step]
079	Fine tunes relay motor speed. low speed (Process 73 mm/s, paper exit speed up 108 mm/s)			
	Mid		ENG	[-4.0 to 4.0 / **-0.0** / 0.1%/step]
080	Fine tunes relay motor speed. Middle speed (Process 108 mm/s, paper exit speed up 146 mm/s)			

081	Standard	ENG	[-4.0 to 4.0 / **-0.0** / 0.1%/step]
	Fine tunes relay motor speed. low peed (Process 146 mm/s, paper exit speed up 256 mm/s)		

1801	[Motor Speed Adj.]		
100	Drum Adjust	*ENG	[0 or 1 / **1** / 1/step] 0:Off 1:On
	Selects ON/OFF of drum motor speed fine tune control.		
101	Offset:ColorOpcMot:Standard	*ENG	[-40 to 40 / **0** / 1step/step]
	Sets offset amount of fine tuning drum motor speed C6003/C5503: 256mm/sec C4503: 186mm/sec C3503/C3003: 146mm/sec		
102	Offset:ColorOpcMot:Mid	*ENG	[-40 to 40 / **0** / 1step/step]
	Sets offset amount of fine tuning drum motor speed C6003/C5503/C4503: 108mm/sec C3503/C3003: N/A		
103	Offset:ColorOpcMot:Low	*ENG	[-40 to 40 / **0** / 1step/step]
	Sets offset amount of fine tuning drum motor speed C6003/C5503/C4503/C3503/ C3003: 73mm/sec		
106	ColorOpcMot:Standard	*ENG	[-40 to 40 / **0** / 1step]
	Fine tunes motor speed C6003/C5503: 256mm/sec C4503: 186mm/sec C3503/C3003: 146mm/sec		
107	ColorOpcMot:Mid	*ENG	[-40 to 40 / **0** / 1step]
	Fine tunes motor speed C6003/C5503/C4503: 108mm/sec C3503/C3003: N/A		
108	ColorOpcMot:Low	*ENG	[-40 to 40 / **0** / 1step]
	Fine tunes motor speed C6003/C5503/C4503/C3503/C3003: 73mm/sec		

109	BkDevMot:Standard	*ENG	[-20.0 to 20.0 / **1.5** / 0.1%/ step]
	Fine tunes motor speed C6003/C5503: 256mm/sec C4503: 186mm/sec C3503/C3003: 146mm/sec		
110	BkDevMot:Mid	*ENG	[-20.0 to 20.0 / **1.5** / 0.1%/ step]
	Fine tunes motor speed C6003/C5503/C4503: 108mm/sec C3503/C3003: N/A		
111	BkDevMot:Low	*ENG	[-20.0 to 20.0 / **1.5** / 0.1%/ step]
	Fine tunes motor speed C6003/C5503/C4503/C3503/C3003: 73mm/sec		
115	ColorDevMot:Standard	*ENG	[-20.0 to 20.0 / **-4.6** / 0.1%/ step]
	Fine tunes motor speed C6003/C5503: 256mm/sec C4503: 186mm/sec C3503/C3003: 146mm/sec		
116	ColorDevMot:Mid	*ENG	[-20.0 to 20.0 / **-4.6** / 0.1%/ step]
	Fine tunes motor speed C6003/C5503/C4503: 108mm/sec C3503/C3003: N/A		
117	ColorDevMot:Low	*ENG	[-20.0 to 20.0 / **-4.6** / 0.1%/ step]
	Fine tunes motor speed C6003/C5503/C4503/C3503/C3003: 73mm/sec		
118	Fusing:Standard	*ENG	[-10.00 to 10.00 / **-1.40** / 0.01%/step]
	Fine tunes motor speed C6003/C5503: 256mm/sec C4503: 186mm/sec C3503/C3003: 146mm/sec		

119	Fusing:Mid	*ENG	[-10.00 to 10.00 / **-1.00** / 0.01%/step]
	Fine tunes motor speed		
	C6003/C5503/C4503: 108mm/sec C3503/C3003: N/A		
120	Fusing:Low	*ENG	[-10.00 to 10.00 / **-1.00** / 0.01%/step]
	Fine tune motor speed when printing to paper with thickness except standard paper thickness		
	C6003/C5503/C4503/C3503/C3003: 73mm/sec		
121	Fusing:Low:1200:Plain	*ENG	[-10.00 to 10.00 / **-1.40** / 0.01%/step]
	Fine tune motor speed when printing to paper with thickness except standard paper thickness		
	C6003/C5503/C4503/C3503/C3003: 73mm/sec		
122	OPCTransferMot:Standard	*ENG	[-4.00 to 4.00 / **0.20** / 0.01%/step]
	Fine tunes motor speed		
	C6003/C5503: 256mm/sec C4503: 186mm/sec C3503/C3003: 146mm/sec		
123	OPCTransferMot:Mid	*ENG	[-4.00 to 4.00 / **0.20** / 0.01%/step]
	Fine tunes motor speed		
	C6003/C5503/C4503: 108mm/sec C3503/C3003: N/A		
124	OPCTransferMot:Low	*ENG	[-4.00 to 4.00 / **0.20** / 0.01%/step]
	Fine tunes motor speed		
	C6003/C5503/C4503/C3503/C3003: 73mm/sec		
133	ColorOpcMot:Standard:independence	*ENG	[-4.00 to 4.00 / **-0.20** / 0.01%/step]
	Fine tunes motor speed		
	C6003/C5503: 256mm/sec C4503: 186mm/sec C3503/C3003: 146mm/sec		

2

134	ColorOpcMot:Mid:independence	*ENG	[-4.00 to 4.00 / **-0.20** / 0.01%/step]
	Fine tunes motor speed C6003/C5503/C4503: 108mm/sec C3503/C3003: N/A		
135	ColorOpcMot:Low:independence	*ENG	[-4.00 to 4.00 / **-0.20** / 0.01%/step]
	Fine tunes motor speed C6003/C5503/C4503/C3503/C3003: 73mm/sec		

1902	[Export Ladder Pattern]		
001	Execute	ENG	[0 or 1 / **0** / 1/step]
	Execution SP to write rudder pattern.		

1902	[Drum Phase Adj.]		
002	Result	*ENG	[0 to 3 / **0** / 1/step]
	Displays execution result of drum phase match		
003	Auto Execution	*ENG	[0 or 1 / **1** / 1/step] 0:Off 1:On
	Selects ON/OFF of drum phase matching control.		

1902	[BIT1 Control]		
004	Execute	ENG	[0 or 1 / **0** / 1/step]
	Execution SP of BIT1 control		
005	Result	ENG	[0 to 3 / **0** / 1/step]
	Displays execution result of BIT1 control		
008	Sensing position	*ENG	[0 to 3 / **1** / 1/step]
	Scanning position of BIT1 control pattern		

1903	[Amplitude Setting]		
001	Threshold Trsns Bkdrum	*ENG	[0.0 to 300.0 / **5.0** / 0.1um/step]
	Execution threshold of BIT1 control		
002	Threshold FC Drum	*ENG	[0.0 to 300.0 / **5.0** / 0.1um/step]
	Execution threshold of BIT1 control		
003	Trsns Bkdrum	*ENG	[0.0 to 300.0 / **0.0** / 0.1um/step]
	Displays amplitude value of BIT1 control		
004	FC Drum	*ENG	[0.0 to 300.0 / **0.0** / 0.1um/step]
	Displays amplitude value of BIT1 control		
005	Cy	*ENG	[0.0 to 300.0 / **0.0** / 0.1um/step]
	Displays amplitude value of BIT1 control check		
006	Ma	*ENG	[0.0 to 300.0 / **0.0** / 0.1um/step]
	Displays amplitude value of BIT1 control check		
007	Ye	*ENG	[0.0 to 100.0 / **0** / 0.1um/step]
	Displays amplitude value of BIT1 control check		
008	Bk Offset Amp	*ENG	[-300.0 to 300.0 / **0.0** / 0.1um/step]
	Off set amplitude of BIT1 control		
009	FC Offset Amp	*ENG	[-300.0 to 300.0 / **0.0** / 0.1um/step]
	Off set amplitude of BIT1 control		

1904	[Phase Angle]		
001	Trsns Bkdrum	*ENG	[0 to 359 / **0** / 1deg/step]
	Displays phase angle of BIT1 control		
002	FC Drum	*ENG	[0 to 359 / **0** / 1 deg/step]
	Displays phase angle of BIT1 control		

003	Cy	*ENG	[0 to 359 / **0** / 1deg/step]
	Displays phase angle of BIT1 control check		
004	Ma	*ENG	[0 to 359 / **0** / 1deg/step]
	Displays phase angle of BIT1 control check		
005	Ye	*ENG	[0 to 359 / **0** / 1deg/step]
	Displays phase angle of BIT1 control check		
006	Bk Offset Angle	*ENG	[0 to 359 / **0** / 1deg/step]
	Off set angle of BIT1 control		
007	FC Offset Angle	*ENG	[0 to 359 / **0** / 1deg/step]
	Off set angle of BIT1 control		

1907	[Paper Feed Timing Adj.]		
029	By-pass Size Decision Timing	*ENG	[1 to 3 / **3** / 1/step]
	Adjusts waiting time till fix a size from size detector's output when paper is set with standard bypass or one action bypass function is OFF. Will have more time till start button to turn green when setting waiting time longer, but time for setting paper will also be loner. Side effect might occur such as paper feed starts before finish setting paper if waiting time is set shot.		

1950	[Fan Cooling Time Set]		
	Sets fan operation time during after print standby.		
002	Dev Cooling Fan A	*ENG	[0.0 to 120.0 / **0.0** / 0.1min]
003	Dev Cooling Fan B	*ENG	
005	Ozone Fan	*ENG	
006	Fusing Fan	*ENG	
007	Paper Exit Cooling Fan	*ENG	
011	Electrical Cooling Fan	*ENG	

1951	[Fan Start Time Set]		
	Sets fan operation start time when recover from engine off mode.		
002	Dev Cooling Fan A	*ENG	[0 to 900 / **120** / 1sec/step]
003	Dev Cooling Fan B	*ENG	
005	Ozone Fan	*ENG	
006	Fusing Fan	*ENG	
007	Paper Exit Cooling Fan	*ENG	
011	Electrical Cooling Fan	*ENG	

1952	[Fan Control Off Mode Time Set]		
001	-	*ENG	[0 to 60 / **10** / 1min./step]
	Sets off mode time till start fan control.		

1953	[Extra Fan Control]		
001	Extra Fan Cooling State	*ENG	[0 or 1 / **0** / 1/step] 0: Disable 1: Enable
	Displays current fan extend operation		
002	Execution Temp. Threshold	*ENG	[0.0 to 100.0 / **D146:42.0,** **D147:42.0, D148:39.0, D149:39.0,** **D150:39.0** / 0.1deg/step]
	Sets judge time for to start fan extend operation.		
003	Cancellation Temp. Threshold	*ENG	[0.0 to 100.0 / **2.0** / 0.1deg/step]
	Sets temperature threshold (diff. value between fan extend start temp.) of when ending fan extend operation.		
004	Extra Fan Operation ON/OFF Setting	*ENG	[0 or 1 / **1** / 1/step] 0: disable 1: enable
	Sets enable/disable fan extend operation.		

1955	[Fan Control]		
003	Dev Cooling Fan A Op Sw Temp	*ENG	[0.0 to 100.0 / **1.0** / 0.1deg/step]
	Sets temperature threshold for when switching operation of imaging cooling fan A.		
004	Dev Cooling Fan B Op Sw Temp	*ENG	[0.0 to 100.0 / **36.0** / 0.1deg/step]
	Sets temperature threshold for when switching operation of imaging cooling fan B.		
006	Paper Exit Cooling Fan Low Temp Op Sw Temp	*ENG	[0.0 to 100.0 / **12.0** / 0.1deg/step]
	Sets temperature threshold for when switching operation during low temp. of paper exit cooling fan.		
007	Fusing Exit Fan Op Sw Temp	*ENG	[0.0 to 100.0 / **0.0**/ 0.1deg/step]
	Sets temperature threshold for when switching operation of fusing exhaust heat fan.		
009	Ozone Fan Low Speed Op Sw Temp	*ENG	[0.0 to 100.0 / **35.0** / 0.1deg/step]
	Sets temperature threshold for when switching to low speed operation of fusing exhaust heat fan.		
010	Ozone Fan Middle Speed Op Sw Temp	*ENG	[0.0 to 100.0 / **37.0** / 0.1deg/step]
	Sets temperature threshold for when switching to middle speed operation of fusing exhaust heat fan.		
011	Ozone Fan High Speed Op Sw Temp	*ENG	[0.0 to 100.0 / **40.0** / 0.1deg/step]
	Sets temperature threshold for when switching to high speed operation of fusing exhaust heat fan.		
012	Ozone Fan Low Noise Op DUTY	*ENG	[0 to 100 / **20** / 1%/step]
	Sets working duty when running ozone fan quiet.		
013	Ozone Fan Low Speed Op DUTY	*ENG	[0 to 100 / **30** / 1%/step]
	Sets working duty when running ozone fan low speed..		

014	Ozone Fan Middle Speed Op DUTY	*ENG	[0 to 100 / **40** / 1%/step]
	Sets working duty when running ozone fan middle speed.		
015	Ozone Fan High Speed Op DUTY	*ENG	[0 to 100 / **40** / 1%/step]
	Sets working duty when running ozone fan high speed.		
016	Paper Exit Cooling Fan Op Start Time	*ENG	[0 to 900 / **300** / 1sec/step]
	Sets start operation time of paper exit cooling fan.		
017	Electrical Cooling Fan Op Start Time	*ENG	[0 to 900 / **300** / 1sec/step]
	Sets start operation time of electric system cooling fan.		
018	Fan Op Sw Temp Thres	*ENG	[0.0 to 100.0 / **2.0** / 0.1deg/step]
	Sets temperature threshold (diff. value between switching temp.) of when switching each fan.		
019	Paper Exit Cooling Fan Control Off Mode Time	*ENG	[0 to 60 / **10** / 1min./step]
	Sets off mode time till start paper exit cooling fan.		
020	Electrical Cooling Fan Control Off Mode Time	*ENG	[0 to 60 / **10** / 1min./step]
	Sets off mode time till electric system cooling fan.		

Main SP Tables-2-1

SP2-005 to 2-473 (Drum)

2005	[Charge DC Voltage: Fixed]		
	DC fixed voltage when Process control is off.		
001	Standard Speed: K	*ENG	[0 to 2000 / **650** / 10-V/step]
002	Standard Speed: C	*ENG	[0 to 2000 / **D146: 1300, D147: 1300, D148: 650, D149: 650, D150: 650** / 10-V/step]
003	Standard Speed: M	*ENG	
004	Standard Speed: Y	*ENG	
005	Middle Speed: K	*ENG	[0 to 2000 / **650** / 10-V/step]
006	Middle Speed: C	*ENG	[0 to 2000 / **D146: 1300, D147: 1300, D148: 650, D149: 650, D150: 650** / 10-V/step]
007	Middle Speed: M	*ENG	
008	Middle Speed: Y	*ENG	
009	Low Speed: K	*ENG	[0 to 2000 / **650** / 10-V/step]
010	Low Speed: C	*ENG	[0 to 2000 / **D146: 1300, D147: 1300, D148: 650, D149: 650, D150: 650** / 10-V/step]
011	Low Speed: M	*ENG	
012	Low Speed: Y	*ENG	
2005	[Charge DC Voltage: Correction]		
	Correction amount for AC center value.		
013	PCU: Standard Speed	*ENG	[-100 to 100 / **0** / 1-V/step]
014	PCU: Middle Speed	*ENG	
015	PCU: Low Speed	*ENG	
2005	[Charge DC Voltage: Correction]		
	Vc calculating coefficient of DC Electrify.		

018	Correction Coefficient a: K	*ENG	[0.000 to 2.000 / **1.000** / 0.001/ step]
019	Correction Coefficient a: C	*ENG	
020	Correction Coefficient a: M	*ENG	
021	Correction Coefficient a: Y	*ENG	
022	Correction Coefficient b: K	*ENG	[0 to 2000 / **0** / 1/step]
023	Correction Coefficient b: C	*ENG	[0 to 2000 / **D146: 20, D147: 20, D148: 0, D149: 0, D150: 0** / 1/step]
024	Correction Coefficient b: M	*ENG	
025	Correction Coefficient b: Y	*ENG	
026	Correction Coefficient c: K	*ENG	[0 to 100 / **D146: 10, D147: 10, D148: 0, D149: 0, D150: 0** / 1/step]
027	Correction Coefficient c: C	*ENG	
028	Correction Coefficient c: M	*ENG	
029	Correction Coefficient c: Y	*ENG	
2005	**[Charge DC Voltage: Correction]**		
	Temperature threshold of Electrify DC Voltage.		
030	Temperature Threshold L: K	*ENG	[0 to 99 / **15** / 1deg/step]
031	Temperature Threshold L: C	*ENG	[0 to 99 / **15** / 1deg/step]
032	Temperature Threshold L: M	*ENG	[0 to 99 / **16** / 1deg/step]
033	Temperature Threshold L: Y	*ENG	[0 to 99 / **16** / 1deg/step]
034	Temperature Threshold M: K	*ENG	[0 to 99 / **22** / 1deg/step]
035	Temperature Threshold M: C	*ENG	[0 to 99 / **22** / 1deg/step]
036	Temperature Threshold M: M	*ENG	[0 to 99 / **23** / 1deg/step]
037	Temperature Threshold M: Y	*ENG	[0 to 99 / **23** / 1deg/step]
038	Temperature Threshold H: K	*ENG	[0 to 99 / **28** / 1deg/step]
039	Temperature Threshold H: C	*ENG	[0 to 99 / **28** / 1deg/step]
040	Temperature Threshold H: M	*ENG	[0 to 99 / **29** / 1deg/step]
041	Temperature Threshold H: Y	*ENG	[0 to 99 / **29** / 1deg/step]

2

2005	[Charge DC Voltage: Correction]		
	0: Set to correction value using table. 1: Set to Fixed Value: Electrify DC Voltage of SP.		
043	DC Bias Fixed Value Set	*ENG	[0 or 1 / **0** / 1/step]
2005	[Charge DC Voltage: Correction]		
	Fixed value of Vc calculating coefficient for DC Electrify.		
044	Correction Coefficient a: Fixed K	*ENG	[0.000 to 2.000 / **1.000** / 0.001/ step]
045	Correction Coefficient a: Fixed C	*ENG	
046	Correction Coefficient a: Fixed M	*ENG	
047	Correction Coefficient a: Fixed Y	*ENG	
048	Correction Coefficient b: Fixed K	*ENG	[0 to 2000 / **0** / 1/step]
049	Correction Coefficient b: Fixed C	*ENG	[0 to 2000 / **D146: 20, D147: 20, D148: 0, D149: 0, D150: 0** / 1/step]
050	Correction Coefficient b: Fixed M	*ENG	
051	Correction Coefficient b: Fixed Y	*ENG	
052	Correction Coefficient c: Fixed K	*ENG	[0 to 100 / **0** / 1/step]
053	Correction Coefficient c: Fixed C	*ENG	[0 to 100 / **D146: 10, D147: 10, D148: 0, D149: 0, D150: 0** / 1/step]
054	Correction Coefficient c: Fixed M	*ENG	
055	Correction Coefficient c: Fixed Y	*ENG	
2005	[Charge DC Voltage: Correction]		
	Rotation distance considering by PCU life.		
056	Rotation: PCU: Bk	*ENG	[0 to 999999999 / **0** / 1mm/step]
057	Rotation: PCU: C	*ENG	
058	Rotation: PCU: M	*ENG	
059	Rotation: PCU: Y	*ENG	
2005	[Charge DC: Correction]		
	Rotation distance when detecting an old PCU.		

060	Old PCU Detection Distance: PCU: K	*ENG	
061	Old PCU Detection Distance: PCU: C	*ENG	[0 to 999999999 / 0 / 1mm/step]
062	Old PCU Detection Distance: PCU: M	*ENG	
063	Old PCU Detection Distance: PCU: Y	*ENG	
2005	[Charge DC Voltage: Correction]		
	Vc calculating coefficient of DC Electrify.		
089	Correction Coefficient Cd	*ENG	
090	Correction Coefficient Ce	*ENG	
091	Correction Coefficient Cf	*ENG	
092	Correction Coefficient Cg	*ENG	
093	Correction Coefficient Ch	*ENG	
094	Correction Coefficient Ci	*ENG	
095	Correction Coefficient Cj	*ENG	[-125 to 125 / 0 / 1-V/step]
096	Correction Coefficient Ck	*ENG	
097	Correction Coefficient Cl	*ENG	
098	Correction Coefficient Cm	*ENG	
099	Correction Coefficient Cn	*ENG	
100	Correction Coefficient Co	*ENG	
101	Correction Coefficient Cp	*ENG	
102	Correction Coefficient Cq	*ENG	

2

103	Correction Coefficient Cr	*ENG	
104	Correction Coefficient Cs	*ENG	
105	Correction Coefficient Ct	*ENG	
106	Correction Coefficient Cu	*ENG	[-125 to 125 / 0 / 1-V/step]
107	Correction Coefficient Cv	*ENG	
108	Correction Coefficient Cw	*ENG	
109	Correction Coefficient Cx	*ENG	
110	Correction Coefficient Cy	*ENG	
111	Correction Coefficient Cz	*ENG	
112	Correction Coefficient CAA	*ENG	
113	Correction Coefficient CAB	*ENG	[-125 to 125 / 0 / 1-V/step]
114	Correction Coefficient Md	*ENG	
115	Correction Coefficient Me	*ENG	
116	Correction Coefficient Mf	*ENG	
117	Correction Coefficient Mg	*ENG	
118	Correction Coefficient Mh	*ENG	
119	Correction Coefficient Mi	*ENG	
120	Correction Coefficient Mj	*ENG	[-125 to 125 / 0 / 1-V/step]
121	Correction Coefficient Mk	*ENG	
122	Correction Coefficient Ml	*ENG	
123	Correction Coefficient Mm	*ENG	

124	Correction Coefficient Mn	*ENG	[-125 to 125 / 0 / 1-V/step]
125	Correction Coefficient Mo	*ENG	
126	Correction Coefficient Mp	*ENG	
127	Correction Coefficient Mq	*ENG	
128	Correction Coefficient Mr	*ENG	
129	Correction Coefficient Ms	*ENG	
130	Correction Coefficient Mt	*ENG	
131	Correction Coefficient Mu	*ENG	[-125 to 125 / 0 / 1-V/step]
132	Correction Coefficient Mv	*ENG	
133	Correction Coefficient Mw	*ENG	
134	Correction Coefficient Mx	*ENG	
135	Correction Coefficient My	*ENG	
136	Correction Coefficient Mz	*ENG	
137	Correction Coefficient MAA	*ENG	

2

138	Correction Coefficient MAB	*ENG	[-125 to 125 / 0 / 1-V/step]
139	Correction Coefficient Yd	*ENG	
140	Correction Coefficient Ye	*ENG	
141	Correction Coefficient Yf	*ENG	
142	Correction Coefficient Yg	*ENG	
143	Correction Coefficient Yh	*ENG	
144	Correction Coefficient Yi	*ENG	
145	Correction Coefficient Yj	*ENG	
146	Correction Coefficient Yk	*ENG	
147	Correction Coefficient Yl	*ENG	
148	Correction Coefficient Ym	*ENG	
149	Correction Coefficient Yn	*ENG	
150	Correction Coefficient Yo	*ENG	
151	Correction Coefficient Yp	*ENG	[-125 to 125 / 0 / 1-V/step]
152	Correction Coefficient Yq	*ENG	
153	Correction Coefficient Yr	*ENG	
154	Correction Coefficient Ys	*ENG	
155	Correction Coefficient Yt	*ENG	
156	Correction Coefficient Yu	*ENG	
157	Correction Coefficient Yv	*ENG	
158	Correction Coefficient Yw	*ENG	
159	Correction Coefficient Yx	*ENG	
160	Correction Coefficient Yy	*ENG	
161	Correction Coefficient Yz	*ENG	
162	Correction Coefficient YAA	*ENG	
163	Correction Coefficient YAB	*ENG	

2006	[Charge AC Voltage: Fixed]		
	AC ampere target value when outputting fixed Electrify AC.		
001	Standard Speed: K	*ENG	
002	Standard Speed: C	*ENG	
003	Standard Speed: M	*ENG	
004	Standard Speed: Y	*ENG	
005	Middle Speed: K	*ENG	
006	Middle Speed: C	*ENG	[0.00 to 3.00 / **2.20** / 0.01kV/step]
007	Middle Speed: M	*ENG	
008	Middle Speed: Y	*ENG	
009	Low Speed: K	*ENG	
010	Low Speed: C	*ENG	
011	Low Speed: M	*ENG	
012	Low Speed: Y	*ENG	

2007	[Charge AC Current: LL]		
	AC ampere target value when Electrify AC.		
001	Environmental Target: Bk	*ENG	
002	Environmental Target: C	*ENG	[0.00 to 3.00 / **D146: 0.88, D147: 0.88, D148: 1.19, D149: 1.65, D150: 1.65** / 0.01mA/step]
003	Environmental Target: M	*ENG	
004	Environmental Target: Y	*ENG	

2008	[Charge AC Current: ML]		
	AC ampere target value when Electrify AC.		

001	Environmental Target: Bk	*ENG	[0.00 to 3.00 / **D146: 0.89, D147: 0.89, D148: 1.18, D149: 1.64, D150: 1.64** / 0.01mA/step]
002	Environmental Target: C	*ENG	
003	Environmental Target: M	*ENG	
004	Environmental Target: Y	*ENG	

2009	**[Charge AC Current: MM]**		
	AC ampere target value when Electrify AC.		
001	Environmental Target: Bk	*ENG	[0.00 to 3.00 / **D146: 0.90, D147: 0.90, D148: 1.16, D149: 1.62, D150: 1.62** / 0.01mA/step]
002	Environmental Target: C	*ENG	
003	Environmental Target: M	*ENG	
004	Environmental Target: Y	*ENG	

2010	**[Charge AC Current: MH]**		
	AC ampere target value when Electrify AC.		
001	Environmental Target: Bk	*ENG	[0.00 to 3.00 / **D146: 0.91, D147: 0.91, D148: 1.23, D149: 1.68, D150: 1.68** / 0.01mA/step]
002	Environmental Target: C	*ENG	
003	Environmental Target: M	*ENG	
004	Environmental Target: Y	*ENG	

2011	**[Charge AC Current: HH]**		
	AC ampere target value when Electrify AC.		
001	Environmental Target: Bk	*ENG	[0.00 to 3.00 / **D146: 0.92, D147: 0.92, D148: 1.30, D149: 1.73, D150: 1.73** / 0.01mA/step]
002	Environmental Target: C	*ENG	
003	Environmental Target: M	*ENG	
004	Environmental Target: Y	*ENG	

2012	**[Charge Output Control]**

001	AC Voltage	*ENG	[0 or 1 / **0** / 1/step]
	0: Set to environment correction value used when FB . 1: Electrify AC voltage of SP: Set to fixed setting value.		

2013	[Environmental Correction: PCU]		
001	Current Environmental FC : Display	*ENG	[0 to 0 / **0** / 1/step]
	Environment class divided based on the temperature / humidity sensor information when controlling Electrify AC of latest main & subs FC mode.		
002	Forced Setting	*ENG	[0 to 5 / **0** / 1/step]
	0: Detect with temperature / humidity sensor. 1 to 5: Force setting environment.		
003	Absolute Humidity: Threshold 1	*ENG	[0.00 to 100.00 / **3.00** / 0.01g/m^3/step]
	Threshold of LL environment and ML environment.		
004	Absolute Humidity: Threshold 2	*ENG	[0.00 to 100.00 / **8.00** / 0.01g/m^3/step]
	Threshold of ML environment and MM environment.		
005	Absolute Humidity: Threshold 3	*ENG	[0.00 to 100.00 / **15.00** / 0.01g/m^3/step]
	Threshold of MM environment and MH environment.		
006	Absolute Humidity: Threshold 4	*ENG	[0.00 to 100.00 / **22.00** / 0.01g/m^3/step]
	Threshold of MH environment and HH environment.		
007	Temp FC: Display	*ENG	[0 to 100 / **0** / 1deg/step]
	Temperature detected with temperature / humidity sensor when controlling Electrify AC of latest main and subs FC mode.		
008	Relative Humidity FC : Display	*ENG	[0 to 100 / **0** / 1%RH/step]
	Relative temperature detected with temperature / humidity sensor when controlling Electrify AC of latest main and subs FC mode.		

009	Absolute Humidity FC : Display	*ENG	[0.00 to 100.00 / **0.00** / 0.01g/ m^3/step]
	Absolute temperature detected with temperature / humidity sensor when controlling Electrify AC of latest main and subs FC mode.		
010	Environmental Bk: Display	*ENG	[0 to 0 / **0** / 1/step]
	Environment class divided based on the temperature / humidity sensor information when controlling Electrify AC of latest main & subs monochrome Bk mode.		
011	Temp Bk.: Display	*ENG	[0 to 100 / **0** / 1deg/step]
	Temperature detected by the temperature / humidity sensor when controlling Electrify AC of latest main & subs monochrome Bk mode.		
012	Relative Humidity Bk : Display	*ENG	[0 to 100 / **0** / 1%RH/step]
	Relative temperature detected by the temperature / humidity sensor when controlling Electrify AC of latest main & subs monochrome Bk mode.		
013	Absolute Humidity Bk : Display	*ENG	[0.00 to 100.00 / **0.00** / 0.01g/ m^3/step]
	Absolute temperature detected by the temperature / humidity sensor when controlling Electrify AC of latest main & subs monochrome Bk mode.		

2014	[Charge AC Control: Setting]		
001	Exec Interval: Power ON	*ENG	[0 to 2000 / **500** / 1page/step]
	Page interval to do main control when Power ON, recover from energy save mode, front door close.		
002	Exec Interval: Print	*ENG	[0 to 2000 / **0** / 1page/step]
	Page interval to do main control when printing, finish printing.		
003	Page Interval	*ENG	[0 to 500 / **10** / 1page/step]
	Page interval to decide to adjust sub when printing in standard speed.		
004	Temperature	*ENG	[0 to 99 / **35** / 1deg/step]
	Temperature threshold for sub control execute decision,		

005	Relative Humidity	*ENG	[0 to 99 / **50** / 1%RH/step]
	Threshold of relative humidity conditions to do sub adjustments.		
006	Absolute Humidity	*ENG	[0 to 99 / **12** / 1g/m^3/step]
	Threshold of absolute Temperature conditions to do sub adjustments.		
007	Temp Threshold M	*ENG	[0 to 99 / **10** / 1deg/step]
	Temperature variation threshold for deciding of executing main control. 0: Execute every time when set.		
008	RH Threshold M	*ENG	[0 to 99 / **50** / 1%RH/step]
	Relative humidity variation threshold for deciding of executing main adjust. 0: Execute every time.		
009	AH Threshold M	*ENG	[0 to 99 / **6** / 1g/m^3/step]
	Relative humidity variation threshold for deciding of executing main adjust. 0: Execute every time.		
010	Temp Threshold S	*ENG	[0.0 to 20.0 / **1.0** / 0.1deg]
	Temperature variation threshold to do sub adjust. 0: Do every time		
011	RH Threshold S	*ENG	[0 to 50 / **5** / 1%RH/step]
	Relative humidity variation threshold to do sub adjust. 0: Do every time		
012	AH Threshold S	*ENG	[0.0 to 20.0 / **1.0** / 0.1g/m^3/step]
	Absolute humidity variation threshold to do sub adjust. 0: Do every time if conditions match.		
013	Non-use Time	*ENG	[0 to 1440 / **360** / 10min./step]
	Threshold of time stopping photoreceptor continuously for main adjust. 0: Do not.		
014	AC Current Error Detection	*ENG	[0 or 1 / **0** / 1/step]
	Flag to decide whether to adjust AC when SC491 is detected.		

2

2015	[Charge AC Adj: Result]		
001	Bk	*ENG	[0 to 9 / **0** / 1/step]
	Result of AC adjust control for Bk (main / sub common)		
002	C	*ENG	[0 to 9 / **0** / 1/step]
	Result of AC adjust control for C (main / sub common)		
003	M	*ENG	[0 to 9 / **0** / 1/step]
	Result of AC adjust control for M (main / sub common)		
004	Y	*ENG	[0 to 9 / **0** / 1/step]
	Result of AC adjust control for Y (main / sub common)		

2020	[Background Pot Correction Set]		
001	Temperature	*ENG	[0 to 19 / **15** / 1deg/step]
	Temperature threshold for calculating Electrify roller fatigue.		
002	Absolute Humidity	*ENG	[0 to 99 / **6** / 1g/m^3/step]
	Absolute humidity threshold for calculating Electrify roller fatigue.		
003	Print Page Counter	*ENG	[0 to 999 / **0** / 1page/step]
	Printing counter for multi-step correction.		
004	Print Pages Threshold	*ENG	[0 to 999 / **10** / 1page/step]
	Printing pages threshold when Multi-step correction.		
005	Temp Thresh	*ENG	[20 to 99 / **20** / 1deg/step]
	Temperature threshold 2 for calculating Electrify roller fatigue.		
011	Coefficient a: K	*ENG	[0.00 to 1.00 / **0.06** / 0.01/step]
	Coefficient a, K for calculating Electrify roller fatigue.		
012	Coefficient a: C	*ENG	[0.00 to 1.00 / **0.06** / 0.01/step]
	Coefficient a, C for calculating Electrify roller fatigue.		

013	Coefficient a: M	*ENG	[0.00 to 1.00 / **0.06** / 0.01/step]
	Coefficient a, M for calculating Electrify roller fatigue.		
014	Coefficient a: Y	*ENG	[0.00 to 1.00 / **0.06** / 0.01/step]
	Coefficient a, Y for calculating Electrify roller fatigue.		
015	Coefficient b: K	*ENG	[0.00 to 9.00 / **0.50** / 0.01/step]
	Coefficient b, K for calculating Electrify roller fatigue.		
016	Coefficient b: C	*ENG	[0.00 to 9.00 / **0.50** / 0.01/step]
	Coefficient b, C for calculating Electrify roller fatigue.		
017	Coefficient b: M	*ENG	[0.00 to 9.00 / **0.50** / 0.01/step]
	Coefficient b, M for calculating Electrify roller fatigue.		
018	Coefficient b: Y	*ENG	[0.00 to 9.00 / **0.50** / 0.01/step]
	Coefficient b, Y for calculating Electrify roller fatigue.		

2021	[Background Pot Correction]		
001	Display:K	*ENG	[0 to 90 / **0** / 1V/step]
	DC bias correction value, K		
002	Display:C	*ENG	[0 to 90 / **0** / 1V/step]
	DC bias correction value, C		
003	Display:M	*ENG	[0 to 90 / **0** / 1V/step]
	DC bias correction value, M		
004	Display:Y	*ENG	[0 to 90 / **0** / 1V/step]
	DC bias correction value, Y		
005	Setting1:K	*ENG	[0 to 90 / **10** / 10V/step]
	Electric potential correction amount 1 against Electrify roller fatigue amount, K		
006	Setting1:C	*ENG	[0 to 90 / **10** / 10V/step]
	Electric potential correction amount 1 against Electrify roller fatigue amount, C		

007	Setting1:M	*ENG	[0 to 90 / **10** / 10V/step]
	Electric potential correction amount 1 against Electrify roller fatigue amount, M		
008	Setting1:Y	*ENG	[0 to 90 / **10** / 10V/step]
	Electric potential correction amount 1 against Electrify roller fatigue amount, Y		
009	Setting2:K	*ENG	[0 to 90 / **20** / 10V/step]
	Electric potential correction amount 1 against Electrify roller fatigue amount, K		
010	Setting2:C	*ENG	[0 to 90 / **20** / 10V/step]
	VC calculating coefficient DC Electrify.		
011	Setting2:M	*ENG	[0 to 90 / **20** / 10V/step]
	Electric potential correction amount 2 against Electrify roller fatigue amount, M		
012	Setting2:Y	*ENG	[0 to 90 / **20** / 10V/step]
	Electric potential correction amount 2 against Electrify roller fatigue amount, Y		
013	Setting3:K	*ENG	[0 to 90 / **30** / 5V/step]
	Electric potential correction amount 3 against Electrify roller fatigue amount, K		
014	Setting3:C	*ENG	[0 to 90 / **30** / 5V/step]
	Electric potential correction amount 3 against Electrify roller fatigue amount, C		
015	Setting3:M	*ENG	[0 to 90 / **30** / 5V/step]
	Electric potential correction amount 3 against Electrify roller fatigue amount, M		
016	Setting3:Y	*ENG	[0 to 90 / **30** / 5V/step]
	Electric potential correction amount 3 against Electrify roller fatigue amount, Y		
017	Setting4:K	*ENG	[0 to 90 / **40** / 5V/step]
	Electric potential correction amount 4 against Electrify roller fatigue amount, K		
018	Setting4:C	*ENG	[0 to 90 / **40** / 5V/step]
	Electric potential correction amount 4 against Electrify roller fatigue amount, C		
019	Setting4:M	*ENG	[0 to 90 / **40** / 5V/step]
	Electric potential correction amount 4 against Electrify roller fatigue amount, M		

020	Setting4:Y	*ENG	[0 to 90 / **40** / 5V/step]
	Electric potential correction amount 4 against Electrify roller fatigue amount, Y		
021	Setting5:K	*ENG	[0 to 90 / **10** / 1V/step]
	Variation amount 5 K, for correcting electric potential phase when environment changes.		
022	Setting5:C	*ENG	[0 to 90 / **10** / 1V/step]
	Variation amount 5 C, for correcting electric potential phase when environment changes.		
023	Setting5:M	*ENG	[0 to 90 / **10** / 1V/step]
	Variation amount 5 M, for correcting electric potential phase when environment changes.		
024	Setting5:Y	*ENG	[0 to 90 / **10** / 1V/step]
	Variation amount 5 Y, for correcting electric potential phase when environment changes.		
025	Setting6:K	*ENG	[-90 to 90 / **2** / 1V/step]
	Electric potential correction amount 6 K, against Electrify roller total rotating time.		
026	Setting6:C	*ENG	[-90 to 90 / **2** / 1V/step]
	Electric potential correction amount 6 C, against Electrify roller total rotating time.		
027	Setting6:M	*ENG	[-90 to 90 / **2** / 1V/step]
	Electric potential correction amount 6,M, against Electrify roller total rotating time.		
028	Setting6:Y	*ENG	[-90 to 90 / **2** / 1V/step]
	Electric potential correction amount 6 Y, against Electrify roller total rotating time.		
029	Display:Energized:K	*ENG	[0 to 90 / **0** / 1V/step]
	Voltage correction value K, from Electrify roller fatigue.		
030	Display:Energized:C	*ENG	[0 to 90 / **0** / 1V/step]
	Voltage correction value C, from Electrify roller fatigue.		
031	Display:Energized:M	*ENG	[0 to 90 / **0** / 1V/step]
	Voltage correction value M, from Electrify roller fatigue.		
032	Display:Energized:Y	*ENG	[0 to 90 / **0** / 1V/step]
	Voltage correction value Y, from Electrify roller fatigue.		

2

033	Display:Total Rotation:K	*ENG	[0 to 30 / **0** / 1V/step]
	Voltage correction value K, from Electrify roller total electrification.		
034	Display:Total Rotation:C	*ENG	[0 to 30 / **0** / 1V/step]
	Voltage correction value C, from Electrify roller total electrification.		
035	Display:Total Rotation:M	*ENG	[0 to 30 / **0** / 1V/step]
	Voltage correction value M, from Electrify roller total electrification.		
036	Display:Total Rotation:Y	*ENG	[0 to 30 / **0** / 1V/step]
	Voltage correction value Y, from Electrify roller total electrification.		
037	Split Number n: K	*ENG	[1 to 99 / **15** / 1/step]
	Coefficient K, for setting electric potential to multiple steps from total electrification time.		
038	Split Number n: C	*ENG	[1 to 99 / **D146: 15, D147: 15, D148: 15, D149: 13, D150: 10** / 1/step]
	Coefficient C, for setting electric potential to multiple steps from total electrification time.		
039	Split Number n: M	*ENG	[1 to 99 / **D146: 15, D147: 15, D148: 15, D149: 13, D150: 10** / 1/step]
	Coefficient M, for setting electric potential to multiple steps from total electrification time.		
040	Split Number n: Y	*ENG	[1 to 99 / **D146: 15, D147: 15, D148: 15, D149: 13, D150: 10** / 1/step]
	Coefficient Y, for setting electric potential to multiple steps from total electrification time.		
041	Display:Energized for target value:K	*ENG	[0 to 90 / **0** / 1V/step]
	Target value K, for voltage correction from Electrify roller fatigue.		
042	Display:Energized for target value:C	*ENG	[0 to 90 / **0** / 1V/step]
	Target value C, for voltage correction from Electrify roller fatigue.		
043	Display:Energized for target value:M	*ENG	[0 to 90 / **0** / 1V/step]
	Target value M, for voltage correction from Electrify roller fatigue.		

044	Display:Energized for target value:Y	*ENG	[0 to 90 / **0** / 1V/step]
	Target value Y, for voltage correction from Electrify roller fatigue.		

2022	**[Charge R Running Par]**		
001	Display:K	*ENG	[0 to 999999 / **0** / 1/step]
	Value K, showing the electrification fatigue amount of Electrify roller.		
002	Display:C	*ENG	[0 to 999999 / **0** / 1/step]
	Value C, showing the electrification fatigue amount of Electrify roller.		
003	Display:M	*ENG	[0 to 999999 / **0** / 1/step]
	Value M, showing the electrification fatigue amount of Electrify roller.		
004	Display:Y	*ENG	[0 to 999999 / **0** / 1/step]
	Value Y, showing the electrification fatigue amount of Electrify roller.		
005	PCU Rotation Time After Correction: K	*ENG	[0 to 9999999 / **0** / 1/step]
	Calculation value K, for calculating temporary value when RTC can not be acquired.		
006	PCU Rotation Time After Correction: C	*ENG	[0 to 9999999 / **0** / 1/step]
	Calculation value C, for calculating temporary value when RTC can not be acquired.		
007	PCU Rotation Time After Correction: M	*ENG	[0 to 9999999 / **0** / 1/step]
	Calculation value M, for calculating temporary value when RTC can not be acquired.		
008	PCU Rotation Time After Correction: Y	*ENG	[0 to 9999999 / **0** / 1/step]
	Calculation value Y, for calculating temporary value when RTC can not be acquired.		
009	Threshold1:K	*ENG	[0 to 4000 / **30** / 1/step]
	Threshold 1 K, against Electrify roller fatigue amount.		

2

010	Threshold1:C	*ENG	[0 to 4000 / **30** / 1/step]
	Threshold 1 C, against Electrify roller fatigue amount.		
011	Threshold1:M	*ENG	[0 to 4000 / **30** / 1/step]
	Threshold 1 M, against Electrify roller fatigue amount.		
012	Threshold1:Y	*ENG	[0 to 4000 / **30** / 1/step]
	Threshold 1 Y, against Electrify roller fatigue amount.		
013	Threshold2:K	*ENG	[0 to 4000 / **70** / 1/step]
	Threshold 2 K, against Electrify roller fatigue amount.		
014	Threshold2:C	*ENG	[0 to 4000 / **70** / 1/step]
	Threshold 2 C, against Electrify roller fatigue amount.		
015	Threshold2:M	*ENG	[0 to 4000 / **70** / 1/step]
	Threshold 2 M, against Electrify roller fatigue amount.		
016	Threshold2:Y	*ENG	[0 to 4000 / **70** / 1/step]
	Threshold 2 Y, against Electrify roller fatigue amount.		
017	Threshold3:K	*ENG	[0 to 4000 / **150** / 1/step]
	Threshold 3 K, against Electrify roller fatigue amount.		
018	Threshold3:C	*ENG	[0 to 4000 / **150** / 1/step]
	Threshold 3 C, against Electrify roller fatigue amount.		
019	Threshold3:M	*ENG	[0 to 4000 / **150** / 1/step]
	Threshold 3 M, against Electrify roller fatigue amount.		
020	Threshold3:Y	*ENG	[0 to 4000 / **150** / 1/step]
	Threshold 3 Y, against Electrify roller fatigue amount.		
021	Threshold4:K	*ENG	[0 to 4000 / **250** / 1/step]
	Threshold 4 K, against Electrify roller fatigue amount.		
022	Threshold4:C	*ENG	[0 to 4000 / **250** / 1/step]
	Threshold 4 C, against Electrify roller fatigue amount.		

023	Threshold4:M	*ENG	[0 to 4000 / **250** / 1/step]
	Threshold 4 M, against Electrify roller fatigue amount.		
024	Threshold4:Y	*ENG	[0 to 4000 / **250** / 1/step]
	Threshold 4 Y, against Electrify roller fatigue amount.		
025	Prev Correction Calculation Bk:Year	*ENG	[0 to 99 / **0** / 1year/step]
	Calculation time of last correction: Year, K.		
026	Prev Correction Calculation Bk:Month	*ENG	[1 to 12 / **1** / 1month/step]
	Calculation time of last correction: Month, K.		
027	Prev Correction Calculation Bk:Day	*ENG	[1 to 31 / **1** / 1day/step]
	Calculation time of last correction: Day, K.		
028	Prev Correction Calculation Bk:Hour	*ENG	[0 to 23 / **0** / 1hour/step]
	Calculation time of last correction: Hour, K.		
029	Prev Correction Calculation Bk:Minute	*ENG	[0 to 59 / **0** / 1minute/step]
	Calculation time of last correction: Minute, K.		
030	Rotation At Prev Correction: PCU: Bk	*ENG	[0 to 999999999 / **0** / 1mm/step]
	PCU distance when last correction: Year, K.		
031	Rotation At Prev Correction: PCU: C	*ENG	[0 to 999999999 / **0** / 1mm/step]
	PCU distance when last correction: Year, C.		
032	Rotation At Prev Correction: PCU: M	*ENG	[0 to 999999999 / **0** / 1mm/step]
	PCU distance when last correction: Year, M.		

2

033	Rotation At Prev Correction: PCU: Y	*ENG	[0 to 999999999 / **0** / 1mm/step]
	PCU distance when last correction: Year, Y.		

2101	**[Registration Correction]**		
001	Color Main Dot: Bk	*ENG	[-512 to 511 / **0** / 1dot/step]
	Adjusts main scan register of BK color. • Value increase: image shifts to right facing the paper. • Value decrease: image shifts to left facing the paper. CMY colors can be adjusted to BK color position if execute MUSIC after operating this SP.		
002	Color Main Dot: Ma	*ENG	[-512 to 511 / **0** / 1dot/step]
	Adjusts main scan register of BK color. • Value increase: image shifts to right facing the paper. • Value decrease: image shifts to left facing the paper. By operating this SP, main scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.		
003	Color Main Dot: Cy	*ENG	[-512 to 511 / **0** / 1dot/step]
	Adjusts main scan register of BK color. • Value increase: image shifts to right facing the paper. • Value decrease: image shifts to left facing the paper. By operating this SP, main scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.		
004	Color Main Dot: Ye	*ENG	[-512 to 511 / **0** / 1dot/step]
	Adjusts main scan register of BK color. • Value increase: image shifts to right facing the paper. • Value decrease: image shifts to left facing the paper. By operating this SP, main scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.		
005	Color Sub Line: Bk	*ENG	[-16384 to 16383 / **0** / 1line/step]
	For BK color, even using this SP, sub scan image position against paper will not change, mush be adjust with paper feed timing.		

006	Color Sub Line: Ma	*ENG	[-16384 to 16383 / **0** / 1line/step]
	• Value increase: image shifts to downer facing the paper. • Value decrease: image shifts to upper facing the paper. By operating this SP, sub scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.		
007	Color Sub Line: Cy	*ENG	[-16384 to 16383 / **0** / 1line/step]
	• Value increase: image shifts to downer facing the paper. • Value decrease: image shifts to upper facing the paper. By operating this SP, sub scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.		
008	Color Sub Line: Ye	*ENG	[-16384 to 16383 / **0** / 1line/step]
	• Value increase: image shifts to downer facing the paper. • Value decrease: image shifts to upper facing the paper. By operating this SP, sub scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.		

2102	**[Magnification Adjustment]**		
	Adjusts main scan lower speed scale for BK color. • Value increase: image stretches. • Value decrease: image shrinks CMY color scale will fit to standard BK speed after executing MUSIC; only BK color will have a different scale in the image even with out executing MUSIC after this SP.		
001	Main Mag.: Standard Speed: Bk	*ENG	[-2.000 to 2.000 / **0.000** / 0.001%/ step]
002	Main Mag.: Middle Speed: Bk	*ENG	
003	Main Mag.: Low Speed: Bk	*ENG	
2102	**[Magnification Adjustment]**		
	Adjusts main scan scale. • Value increase: image stretches. • Value decrease: image shrinks With operating this SP, scale can be changed, but if MUSIC is executed after, automatically will be adjusted so fit standard speed BK color scale.		

	004	Main Mag.: Standard Speed: Ma	*ENG	
	005	Main Mag.: Middle Speed: Ma	*ENG	
	006	Main Mag.: Low Speed: Ma	*ENG	
	007	Main Mag.: Standard Speed: Cy	*ENG	
	008	Main Mag.: Middle Speed: Cy	*ENG	[-2.000 to 2.000 / **0.000** / 0.001%/ step]
	009	Main Mag.: Low Speed: Cy	*ENG	
	010	Main Mag.: Standard Speed: Ye	*ENG	
	011	Main Mag.: Middle Speed: Ye	*ENG	
	012	Main Mag.: Low Speed: Ye	*ENG	
2102		**[Magnification Adjustment]**		
		Adjusts scale against standard speed BK. • Value increase: image stretches. • Value decrease: image shrinks With operating this SP, scale can be changed, but if MUSIC is executed after, automatically will be adjusted so to match standard speed BK color scale		
	028	Color Main Mag.: High Speed: Ma	*ENG	
	031	Color Main Mag.: High Speed: Cy	*ENG	[-2.000 to 2.000 / **0.000** / 0.001%/ step]
	034	Color Main Mag.: High Speed: Ye	*ENG	
2102		**[Main Scan Beam Pitch Adj.]**		
	037	Bk: 1st-2nd	*ENG	[0.00 to 100.00 / **12.15** / 0.01dot/ step]
		Adjusts main scan beam pitch against BK color LD1 Only for factory adjust.		

038	Bk: 1st-3rd	*ENG	[0.00 to 100.00 / **24.29** / 0.01dot/ step]
	Adjusts main scan beam pitch against BK color LD1 Only for factory adjust.		
039	Bk: 1st-4th	*ENG	[0.00 to 100.00 / **36.44** / 0.01dot/ step]
	Adjusts main scan beam pitch against BK color LD1 Only for factory adjust.		
040	Ma: 1st-2nd	*ENG	[0.00 to 100.00 / **12.15** / 0.01dot/ step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		
041	Ma: 1st-3rd	*ENG	[0.00 to 100.00 / **24.29** / 0.01dot/ step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		
042	Ma: 1st-4th	*ENG	[0.00 to 100.00 / **36.44** / 0.01dot/ step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		
043	Cy: 1st-2nd	*ENG	[0.00 to 100.00 / **12.15** / 0.01dot/ step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		
044	Cy: 1st-3rd	*ENG	[0.00 to 100.00 / **24.29** / 0.01dot/ step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		

045	Cy: 1st-4th	*ENG	[0.00 to 100.00 / **36.44** / 0.01dot/ step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		
046	Ye: 1st-2nd	*ENG	[0.00 to 100.00 / **12.15** / 0.01dot/ step]
	Adjusts main scan beam pitch against Y color LD1 Only for factory adjust.		
047	Ye: 1st-3rd	*ENG	[0.00 to 100.00 / **24.29** / 0.01dot/ step]
	Adjusts main scan beam pitch against Y color LD1 Only for factory adjust.		
048	Ye: 1st-4th	*ENG	[0.00 to 100.00 / **36.44** / 0.01dot/ step]
	Adjusts main scan beam pitch against Y color LD1 Only for factory adjust.		

2103	[Erase Margin Adjustment]		
001	Lead Edge Width	*ENG	[0.0 to 9.9 / **4.2** / 0.1mm/step]
	Adjusts trimming for sub scan lead edge. • Value increase: Trim wider. • Value decrease: Trim narrower.		
002	Trail. Edge Width	*ENG	[0.0 to 9.9 / **4.2** / 0.1mm/step]
	Adjusts trimming for sub scan trailing edge. • Value increase: Trim wider. • Value decrease: Trim narrower. When printing, follow margin set with application.		

	Left	*ENG	[0.0 to 9.0 / **2.0** / 0.1mm/step]
003	Adjusts trimming for sub scan left edge. • Value increase: Trim wider. • Value decrease: Trim narrower. When printing, follow margin set with application.		
	Right	*ENG	[0.0 to 9.0 / **2.0** / 0.1mm/step]
004	Adjusts trimming for sub scan right edge. • Value increase: Trim wider. • Value decrease: Trim narrower. When printing, follow margin set with application.		
2103	**[Erase Margin Adjustment]**		
	Sets trim for duplex.		
006	Duplex Trail. L Size	*ENG	[0.0 to 4.0 / **1.0** / 0.1mm/step]
007	Duplex Trail. M Size	*ENG	[0.0 to 4.0 / **0.8** / 0.1mm/step]
008	Duplex Trail. S Size	*ENG	[0.0 to 4.0 / **0.6** / 0.1mm/step]
009	Duplex Left Edge	*ENG	[0.0 to 1.5 / **0.3** / 0.1mm/step]
010	Duplex Right Edge	*ENG	[0.0 to 1.5 / **0.3** / 0.1mm/step]
011	Duplex Trail. L Size:Thick	*ENG	[0.0 to 4.0 / **1.0** / 0.1mm/step]
012	Duplex Trail. M Size:Thick	*ENG	[0.0 to 4.0 / **0.8** / 0.1mm/step]
013	Duplex Trail. S Size:Thick	*ENG	[0.0 to 4.0 / **0.6** / 0.1mm/step]
014	Duplex Left Edge:Thick	*ENG	[0.0 to 1.5 / **0.3** / 0.1mm/step]
015	Duplex Right Edge:Thick	*ENG	[0.0 to 1.5 / **0.3** / 0.1mm/step]

2106	**[Polygon Rotation Time]**
	Sets pre-rotating time/ post-rotating time for polygon motor.

2

001	Warming-Up	*ENG	[0 to 60 / **10** / 1sec/step]
	Sets pre-rotating time for polygon motor. With touching the operating during standby, polygon motor will pre-rotate. With this, waiting time will be shorter.		
002	Job End	*ENG	[0.0 to 60.0 / **0.1** / 0.1sec/step]
	Sets post-rotating time for polygon motor. Polygon motor will post-rotate after printing. If a print order come during post-rotation, printing will start faster.		

2107	[Image Parameter]		
001	Image Gamma Flag	ENG	[0 or 1 / **1** / 1/step]
	Turns writing Gamma property ON/OFF. For Design evaluation.		
002	Shading Correction Flag	*ENG	[0 or 1 / **0** / 1/step]
	Turns shading area correction ON/OFF. For Design evaluation.		

2109	[Test Pattern]

003	Pattern Selection		ENG	[0 to 23 / **0** / 1/step]	
	Select patterns.				
	0	None	12	Independent Pattern (2dot)	
	1	Vertical Line (1dot)	13	Independent Pattern (4dot)	
	2	Vertical Line (2dot)	14	Trimming Area	
	3	Horizontal Line (1dot)	15	Hound's Tooth Check (Vertical)	
	4	Horizontal Line (2dot)	16	Hound's Tooth Check (Horizontal)	
	5	Grid Vertical Line	17	Band (Horizontal)	
	6	Grid Horizontal Line	18	Band (Vertical)	
	7	Grid Pattern Small	19	Checker Flag Pattern	
	8	Grid Pattern Large	20	Grayscale (Vertical Margin)	
	9	Argyle Pattern Small	21	Grayscale (Horizontal Margin)	
	10	Argyle Pattern Large	22	Two Beam Density Pattern	
	11	Independent Pattern (1dot)	23	Full Dot Pattern	

005	Color Selection	ENG	[1 to 4 / **1** / 1/step] 1: All Color 2: Ma 3: Ye 4: Cy
	Selects output color for writing test pattern.		

006	Density: Bk	ENG	[0 to 15 / **15** / 1/step]
	Sets test patterns density. • Value increase: Deeper • Value decrease: Thinner		

007	Density: Ma	ENG	[0 to 15 / **15** / 1/step]
	Sets test patterns density. • Value increase: Deeper • Value decrease: Thinner		
008	Density: Cy	ENG	[0 to 15 / **15** / 1/step]
	Sets test patterns density. • Value increase: Deeper • Value decrease: Thinner		
009	Density: Ye	ENG	[0 to 15 / **15** / 1/step]
	Sets test patterns density. • Value increase: Deeper • Value decrease: Thinner		

2110	[LD Driver]		
	LD Driver error flag		
001	Error Bk	*ENG	[0x0000 to 0xFFFF / **0x0000** / 1/step]
	LD Driver error flag Bk color.		
002	Error Ma	*ENG	[0x0000 to 0xFFFF / **0x0000** / 1/step]
	LD Driver error flag Ma color (For only model D148/D149/D150. Abxyz models does not use)		
003	Error Cy	*ENG	[0x0000 to 0xFFFF / **0x0000** / 1/step]
	LD Driver error flag Cy color (For only model D148/D149/D150. Abxyz models does not use)		
004	Error Ye	*ENG	[0x0000 to 0xFFFF / **0x0000** / 1/step]
	LD Driver error flag Ye color (For abxyz/model D148/D149/D150)		

005	Writing Unit Adj. Transfer	ENG	[0 or 1 / **0** / 1/step]
	Execution flag to download adjustment values of writing unit to main units SP.		
	Executes when replacing the writing unit or assembling main unit		

2111	[Forced Line Position Adj.]		
	Executes force correction of color match.		
001	Mode a	ENG	[0 or 1 / **0** / 1/step]
	Executes MUSIC mode a (fine-tune x 2)		
002	Mode b	ENG	[0 or 1 / **0** / 1/step]
	Executes MUSIC mode b (fine-tune x 1)		
003	Mode c	ENG	[0 or 1 / **0** / 1/step]
	Executes MUSIC mode c (rough-tune x 1)		
004	Mode d	ENG	[0 or 1 / **0** / 1/step]
	Executes MUSIC mode d (rough-tune then fine-tune)		

2112	[TM/ID Sensor Check]		
001	Execute	ENG	[0 or 1 / **0** / 1/step]
	Executes test mode for Image transfer belt / TMP sensor.		
010	General:FCR	*ENG	[0 to 999 / **0** / 1/step]
	Shows test results for Image transfer belt / TMP sensor test mode, with 3bits / in the order of [Front][Center][Rear].		
020	Threshold Setting	*ENG	[0.00 to 3.50 / **1.90** / 0.01V/step]
	Sets edge detecting threshold value of Image transfer belt / TMP sensor test mode.		
	The results will turn out as following in Image transfer belt / TMP sensors test mode.		
	• When TMP sensor detection value is larger than this setting value: No problems.		
	• When TMP sensor detection value is smaller than this setting value: Edge detected.		

| 2115 | [Gamma Correction] | | |

001	Low CPP edge Correction	*ENG	[0 to 100 / **80** / 1%/step]
	Sets gamma correction value of valid pixel for low CPP edge process. • Value increase: Deeper density • Value decrease: thinner density		

2117	[Skew Adjustment]		
001	Pulse: M	*ENG	[-75 to 75 / **0** / 1pulse/step]
	M: skew adjust: input		
002	Pulse: C	*ENG	[-75 to 75 / **0** / 1pulse/step]
	C: skew adjust: input		
003	Pulse: Y	*ENG	[-99 to 99 / **0** / 1pulse/step]
	Y: skew adjust: input		

2118	[Skew Adjustment]		
001	Execute: M	ENG	[0 or 1 / **-** / -]
	M: skew adjust: execute		
002	Execute: C	ENG	[0 or 1 / **-** / -]
	C: skew adjust: execute		
003	Execute: Y	ENG	[0 or 1 / **-** / -]
	Y: skew adjust: execute		

2119	[Skew Adjustment Display]		
001	M	*ENG	[-75 to 75 / **0** / 1pulse/step]
	M: skew current location: display.		
002	C	*ENG	[-75 to 75 / **0** / 1pulse/step]
	C: skew current location: display.		

003	Y		*ENG	[-99 to 99 / **0** / 1pulse/step]
	Y: skew current location: display.			

2120	[Thick Paper Skew Adj]			
001	On/Off		*ENG	[0 or 1 / **0** / 1/step]
	Corrects thick paper skew.			

2121	[Skew Adjust Coefficient]			
001	Coefficient		*ENG	[0 to 2 / **0** / 1/step]
	Correcting coefficient for skew.			

2140	[TM/ID Sensor Check Result]			
005	PWM: Front		ENG	[0 to 1023 / **0** / 1/step]
	Saves / Refreshes PWM setting value of TMP sensor [Front] to this setting value when Vsg adjustment is done. From then on, PWM setting value will be this setting value during belt check. When Vsg adjust fails, saving / refreshing will not be done to this setting			
006	PWM: Center		*ENG	[0 to 1023 / **0** / 1/step]
	Saves / Refreshes PWM setting value of TMP sensor [Center] to this setting value when Vsg adjustment is done. From then on, PWM setting value will be this setting value during belt check. When Vsg adjust fails, saving / refreshing will not be done to this setting			
007	PWM: Rear		*ENG	[0 to 1023 / **0** / 1/step]
	Saves / Refreshes PWM setting value of TMP sensor [Rear] to this setting value when Vsg adjustment is done. From then on, PWM setting value will be this setting value during belt check. When Vsg adjust fails, saving / refreshing will not be done to this setting			

2141	[TM/ID Sensor Check Result]			

005	Average: Front	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	Saves / Refreshes TMP sensor [Front] detecting result average data to this SP from result of Image transfer belt / TMP sensor check mode.		
006	Average: Center	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	Saves / Refreshes TMP sensor [Center] detecting result average data to this SP from result of Image transfer belt / TMP sensor check mode.		
007	Average: Rear	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	Saves / Refreshes TMP sensor [Rear] detecting result average data to this SP from result of Image transfer belt / TMP sensor check mode.		

2142	[TM/ID Sensor Check Result]		
005	Maximum: Front	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Front] detecting result data, and from of all sampling data, save / refresh this SP with the max. value.		
006	Maximum: Center	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Center] detecting result data, and from of all sampling data, save / refresh this SP with the max. value.		
007	Maximum: Rear	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Rear] detecting result data, and from of all sampling data, save / refresh this SP with the max. value.		

2143	[TM/ID Sensor Check Result]		
005	Minimum: Front	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Front] detecting result data, and from of all sampling data, save / refresh this SP with the min. value.		

	Minimum: Center	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
006	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Center] detecting result data, and from of all sampling data, save / refresh this SP with the min. value.		
	Minimum: Rear	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
007	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Rear] detecting result data, and from of all sampling data, save / refresh this SP with the min. value.		

2144	[TM/ID Sensor Check Result]		
	Maximum 2: Front	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
005	Saves/ refreshes this SP with the max. value of all sampling data form TMP sensor [Front] detecting result data by image transfer belt / TMP sensor check mode result.		
	Maximum 2: Center	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
006	Saves/ refreshes this SP with the max. value of all sampling data form TMP sensor [Center] detecting result data by image transfer belt / TMP sensor check mode result.		
	Maximum 2: Rear	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
007	Saves/ refreshes this SP with the max. value of all sampling data form TMP sensor [Rear] detecting result data by image transfer belt / TMP sensor check mode result.		

2145	[TM/ID Sensor Check Result]		
	Minimum 2: Front	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
005	Saves/ refreshes this SP with the min. value of all sampling data form TMP sensor [Front] detecting result data by image transfer belt / TMP sensor check mode result.		
	Minimum 2: Center	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
006	Saves/ refreshes this SP with the min. value of all sampling data form TMP sensor [Center] detecting result data by image transfer belt / TMP sensor check mode result.		
	Minimum 2: Rear	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
007	Saves/ refreshes this SP with the min. value of all sampling data form TMP sensor [Rear] detecting result data by image transfer belt / TMP sensor check mode result.		

2146	[TM-Sensor Test]		
005	Number of Edge Detection:Front	*ENG	[0 to 16 / **0** / 1/step]
	When the TMP sensor [Front] detecting value from the image transfer belt / TMP sensor check mode result is checked as smaller (Edge detected) as then the edge detect threshold setting value (sp2-112-020), Save / refresh this PS with the times checked so.		
006	Number of Edge Detection:Center	*ENG	[0 to 16 / **0** / 1/step]
	When the TMP sensor [Center] detecting value from the image transfer belt / TMP sensor check mode result is checked as smaller (Edge detected) as then the edge detect threshold setting value (sp2-112-020), Save / refresh this PS with the times checked so.		
007	Number of Edge Detection:Rear	*ENG	[0 to 16 / **0** / 1/step]
	When the TMP sensor [Rear] detecting value from the image transfer belt / TMP sensor check mode result is checked as smaller (Edge detected) as then the edge detect threshold setting value (sp2-112-020), Save / refresh this PS with the times checked so.		

2150	[Area Mag. Correction]		
	Corrects main scan color scale error, deflection. Adjusts start writing position (Register) with sub dot level. • Value increase: image shift to the right side on the print. • Value decrease: image shift to the left side on the print. CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.		
027	Area 0: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]

2150	[Area Mag. Correction]		
	Corrects main scan color scale error, deflection. Adjusts start writing position (Register) with sub dot level. • Value increase: image stretches topically. • Value decrease: image shrinks topically. CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.		
028	Area 1: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
029	Area 2: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]

	030	Area 3: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	031	Area 4: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	032	Area 5: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	033	Area 6: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	034	Area 7: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	035	Area 8: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	036	Area 9: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	037	Area 10: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	038	Area 11: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	039	Area 12: Bk	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
2150		**[Area Mag. Correction]** Corrects main scan color scale error, deflection. Adjusts start writing position (Register) with sub dot level. • Value increase: image shift to the right side on the print. • Value decrease: image shift to the left side on the print. CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.		
	079	Area 0: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
2150		**[Area Mag. Correction]** Corrects main scan color scale error, deflection. Adjusts start writing position (Register) with sub dot level. • Value increase: image stretches topically. • Value decrease: image shrinks topically. CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.		
	080	Area 1: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	081	Area 2: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	082	Area 3: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]

	083	Area 4: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	084	Area 5: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	085	Area 6: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	086	Area 7: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	087	Area 8: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	088	Area 9: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	089	Area 10: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	090	Area 11: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	091	Area 12: Ma	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
2150	**[Area Mag. Correction]** Corrects main scan color scale error, deflection. Adjusts start writing position (Register) with sub dot level. • Value increase: image shift to the right side on the print. • Value decrease: image shift to the left side on the print. CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.			
	131	Area 0: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
2150	**[Area Mag. Correction]** Corrects main scan color scale error, deflection. Adjusts start writing position (Register) with sub dot level. • Value increase: image stretches topically. • Value decrease: image shrinks topically. CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.			
	132	Area 1: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	133	Area 2: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	134	Area 3: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
	135	Area 4: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]

136	Area 5: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
137	Area 6: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
138	Area 7: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
139	Area 8: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
140	Area 9: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
141	Area 10: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
142	Area 11: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
143	Area 12: Cy	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
2150	**[Area Mag. Correction]** Corrects main scan color scale error, deflection. Adjusts start writing position (Register) with sub dot level. • Value increase: image shift to the right side on the print. • Value decrease: image shift to the left side on the print. CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.		
183	Area 0: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
2150	**[Area Mag. Correction]** Corrects main scan color scale error, deflection. Adjusts start writing position (Register) with sub dot level. • Value increase: image stretches topically. • Value decrease: image shrinks topically. CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.		
184	Area 1: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
185	Area 2: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
186	Area 3: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
187	Area 4: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
188	Area 5: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]

189	Area 6: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
190	Area 7: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
191	Area 8: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
192	Area 9: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
193	Area 10: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
194	Area 11: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]
195	Area 12: Ye	*ENG	[-16.00 to 16.00 / **0** / 0.01dot/step]

2152	**[Shad. Correct Setting]** Changes exposure light amount. • Value increase: Light amount increases, and image density gets deeper. • Value decrease: Light amount decreases, and image density gets thinner. Except, if Process control is executed, light amount / density will change.		
001	Standard Speed: Bk	*ENG	[50 to 120 / **100** / 1%/step]
002	Standard Speed: Ma	*ENG	[50 to 120 / **100** / 1%/step]
003	Standard Speed: Cy	*ENG	[50 to 120 / **100** / 1%/step]
004	Standard Speed: Ye	*ENG	[50 to 120 / **100** / 1%/step]
005	Middle Speed: Bk	*ENG	[50 to 120 / **100** / 1%/step]
006	Middle Speed: Ma	*ENG	[50 to 120 / **100** / 1%/step]
007	Middle Speed: Cy	*ENG	[50 to 120 / **100** / 1%/step]
008	Middle Speed: Ye	*ENG	[50 to 120 / **100** / 1%/step]
009	Low Speed: Bk	*ENG	[50 to 120 / **100** / 1%/step]
010	Low Speed: Ma	*ENG	[50 to 120 / **100** / 1%/step]
011	Low Speed: Cy	*ENG	[50 to 120 / **100** / 1%/step]
012	Low Speed: Ye	*ENG	[50 to 120 / **100** / 1%/step]

2154	[Shad. Correct Setting]		
	Changes exposure light amount form each beam. • Value increase: Light amount increases, and image density gets deeper. • Value decrease: Light amount decreases, and image density gets thinner. Except, if Process control is executed, light amount / density will change. Beam interval light amount: No need to operate.		
002	Front End Area: Bk: LD1	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
003	Front End Area: Bk: LD2	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
004	Front End Area: Bk: LD3	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
005	Front End Area: Bk: LD4	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
007	Front End Area: Ma: LD1	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
008	Front End Area: Ma: LD2	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
009	Front End Area: Ma: LD3	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
010	Front End Area: Ma: LD4	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
012	Front End Area: Cy: LD1	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
013	Front End Area: Cy: LD2	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
014	Front End Area: Cy: LD3	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
015	Front End Area: Cy: LD4	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
017	Front End Area: Ye: LD1	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
018	Front End Area: Ye: LD2	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
019	Front End Area: Ye: LD3	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]
020	Front End Area: Ye: LD4	*ENG	[50.0 to 150.0 / **100.0** / 0.1%/step]

2160	[Vertical Line Width]
	Adjusts vertical line width • Value increase: vertical line gets wider. • Value decrease: vertical line gets thinner Beware for side effects to image.

001	600dpi: Bk	*ENG	[10 to 15 / **15** / 1/step]
002	600dpi: Ma	*ENG	[10 to 15 / **15** / 1/step]
003	600dpi: Cy	*ENG	[10 to 15 / **15** / 1/step]
004	600dpi: Ye	*ENG	[10 to 15 / **15** / 1/step]
005	1200dpi: Bk	*ENG	[10 to 15 / **15** / 1/step]
006	1200dpi: Ma	*ENG	[10 to 15 / **15** / 1/step]
007	1200dpi: Cy	*ENG	[10 to 15 / **15** / 1/step]
008	1200dpi: Ye	*ENG	[10 to 15 / **15** / 1/step]

2160	[Vertical Line Width]		
009	600dpi:Indet.:Bk	*ENG	[10 to 15 / **14** / 1/step]
	Vertical line width correction: isolated dot.		
010	1200dpi:Indet.:Bk	*ENG	[10 to 15 / **15** / 1/step]
	Adjusts density for isolated dot. • Value increases: Deeper • Value decreases: Thinner Beware for side effects to image.		

2180	[Line Pos. Adj. Clear]		
001	Color Regist.	ENG	[0 or 1 / **0** / 1/step]
	Clears SP value of SP2-101-001 to 004 [Registration Correction (Main Scan)] and SP2-101-005 to 008 [Registration Correction (Sub Scan)].		
002	Main Scan Length Detection	ENG	[0 or 1 / **0** / 1/step]
	Clears SP value of SP2-102-001 to 012[Magnification Adjustment].		
003	MUSIC Result	ENG	[0 or 1 / **0** / 1/step]
	Clears SP value of SP2-181-003 to 082 [Line Position Adj. Result].		
004	Area Magnification Correction	ENG	[0 or 1 / **0** / 1/step]
	Clears SP value of SP2-182-004 to 040 [Line Position Adj. Offset].		

2181	[Line Position Adj. Result]		
	Values will be set from MUSIC (Auto color match) detect result. Refreshes each time executed. No need to operate.		
003	Skew: M	*ENG	[-5000.000 to 5000.000 / **0.000** / 0.001um/step]
011	M. Cor.: Dot: M	*ENG	[-512 to 511 / **0** / 1dot/step]
012	M. Cor.: Subdot: M	*ENG	[-1.00 to 1.00/ **0.00** / 0.01dot/step]
013	S. Cor.: 1200 Line: Middle: M	*ENG	[-16384 to 16383 / **0** / 1line/step]
014	S. Cor.: 1200 Sub: Middle: M	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/step]
015	M. Left Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / **0.00** / 0.01dot/step]
016	M. Right Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / **0.00** / 0.01dot/step]
017	S. Cor.: 1200 Line: Standard: M	*ENG	[-16384 to 16383 / **0** / 1line/step]
018	S. Cor.: 1200 Sub: Standard: M	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/step]
019	S. Cor.: 1200 Line: Low: M	*ENG	[-16384 to 16383 / **0** / 1line/step]
020	S. Cor.: 1200 Sub: Low: M	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/step]
021	Skew: C	*ENG	[-5000.000 to 5000.000 / **0.000** / 0.001um/step]
029	M. Cor.: Dot: C	*ENG	[-512 to 511 / **0** / 1dot/step]
030	M. Cor.: Subdot: C	*ENG	[-1.00 to 1.00/ **0.00** / 0.01dot/step]
031	S. Cor.: 1200 Line: Middle: C	*ENG	[-16384 to 16383 / **0** / 1line/step]
032	S. Cor.: 1200 Sub: Middle: C	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/step]
033	C. Left Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / **0.00** / 0.01dot/step]

2

034	C. Right Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / **0.00** / 0.01dot/ step]
035	S. Cor.: 1200 Line: Standard: C	*ENG	[-16384 to 16383 / **0** / 1line/step]
036	S. Cor.: 1200 Sub: Standard: C	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/ step]
037	S. Cor.: 1200 Line: Low: C	*ENG	[-16384 to 16383 / **0** / 1line/step]
038	S. Cor.: 1200 Sub: Low: C	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/ step]
039	Skew: Y	*ENG	[-5000.000 to 5000.000 / **0.000** / 0.001um/step]
047	M. Cor.: Dot: Y	*ENG	[-512 to 511 / **0** / 1dot/step]
048	M. Cor.: Subdot: Y	*ENG	[-1.00 to 1.00 / **0.00** / 0.01dot/step]
049	S. Cor.: 1200 Line: Middle: Y	*ENG	[-16384 to 16383 / **0** / 1line/step]
050	S. Cor.: 1200 Sub: Middle: Y	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/ step]
051	Y. Left Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / **0.00** / 0.01dot/ step]
052	Y. Right Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / **0.00** / 0.01dot/ step]
053	S. Cor.: 1200 Line: Standard: Y	*ENG	[-16384 to 16383 / **0** / 1line/step]
054	S. Cor.: 1200 Sub: Standard: Y	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/ step]
055	S. Cor.: 1200 Line: Low: Y	*ENG	[-16384 to 16383 / **0** / 1line/step]
056	S. Cor.: 1200 Sub: Low: Y	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/ step]
057	S. Cor.: 600 Sub	*ENG	[-1.000 to 1.000 / **0.000** / 0.001line/ step]
059	S. Cor.: 1200 Sub :High	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/ step]

060	S. Cor.: 1200 Sub :Low	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/ step]
061	S. Cor.: 1200 Sub :Middle	*ENG	[-2.000 to 2.000 / **0.000** / 0.001line/ step]
064	M. Cor.: Dot: K	*ENG	[-512 to 511 / **0** / 1dot/step]
072	LineSift: StandardSpeed: M	*ENG	[0 to 4 / **0** / 1line/step]
073	LineSift: LowSpeed: M	*ENG	[0 to 4 / **0** / 1line/step]
074	LineSift: StandardSpeed: C	*ENG	[0 to 4 / **0** / 1line/step]
075	LineSift: LowSpeed: C	*ENG	[0 to 4 / **0** / 1line/step]
076	LineSift: StandardSpeed: Y	*ENG	[0 to 4 / **0** / 1line/step]
077	LineSift: LowSpeed: Y	*ENG	[0 to 4 / **0** / 1line/step]
080	Detect Diff.: M	*ENG	[-1000.0 to 1000.0 / **0.0** / 0.1/step]
081	Detect Diff.: C	*ENG	[-1000.0 to 1000.0 / **0.0** / 0.1/step]
082	Detect Diff.: Y	*ENG	[-1000.0 to 1000.0 / **0.0** / 0.1/step]

2182	**[Line Position Adj. Offset]** Use when color shift remains even after MUSIC. Result of MUSIC will be added to this setting value. • Value increases: image shifts towards right facing paper. • Value decreases: image shifts towards left facing paper.		
004	M. Scan: Standard: Dot: M	*ENG	[-512 to 511 / **0** / 1dot/step]
005	M. Scan: Standard: Subdot: M	*ENG	[-1.00 to 1.00 / **0.0** / 0.01dot/step]
006	M. Scan: Middle: Dot: M	*ENG	[-512 to 511 / **0** / 1dot/step]
007	M. Scan: Middle: Subdot: M	*ENG	[-1.00 to 1.00 / **0.00** / 0.01dot/step]
008	M. Scan: Low: Dot: M	*ENG	[-512 to 511 / **0** / 1dot/step]
009	M. Scan: Low: Subdot: M	*ENG	[-1.00 to 1.00 / **0.00** / 0.01dot/step]
010	M. Scan: Standard: Dot: C	*ENG	[-512 to 511 / **0** / 1dot/step]
011	M. Scan: Standard: Subdot: C	*ENG	[-1.00 to 1.00 / **0.00** / 0.01dot/step]

012	M. Scan: Middle: Dot: C	*ENG	[-512 to 511 / **0** / 1dot/step]
013	M. Scan: Middle: Subdot: C	*ENG	[-1.00 to 1.00 / **0.00** / 0.01dot/step]
014	M. Scan: Low: Dot: C	*ENG	[-512 to 511 / **0** / 1dot/step]
015	M. Scan: Low: Subdot: C	*ENG	[-1.00 to 1.00 / **0.00** / 0.01dot/step]
016	M. Scan: Standard: Dot: Y	*ENG	[-512 to 511 / **0** / 1dot/step]
017	M. Scan: Standard: Subdot: Y	*ENG	[-1.00 to 1.00 / **0.00** / 0.01dot/step]
018	M. Scan: Middle: Dot: Y	*ENG	[-512 to 511 / **0** / 1dot/step]
019	M. Scan: Middle: Subdot: Y	*ENG	[-1.00 to 1.00 / **0.00** / 0.01dot/step]
020	M. Scan: Low: Dot: Y	*ENG	[-512 to 511 / **0** / 1dot/step]
021	M. Scan: Low: Subdot: Y	*ENG	[-1.00 to 1.00 / **0.00** / 0.01dot/step]
2182	[Line Position Adj. Offset] Use when color shift remains even after MUSIC. Result of MUSIC will be added to this setting value. • Value increases: image shifts towards downer facing paper. • Value decreases: image shifts towards upper facing paper.		
022	S. Scan: Standard: Line: M	*ENG	[-16384 to 16383 / **0** / 1line/step]
023	S. Scan: Standard: Subline: M	*ENG	[-1.00 to 1.00 / **0.00** / 0.01line/step]
024	S. Scan: Middle: Line: M	*ENG	[-16384 to 16383 / **0** / 1line/step]
025	S. Scan: Middle: Subline: M	*ENG	[-1.00 to 1.00 / **0.00** / 0.01line/step]
026	S. Scan: Low: Line: M	*ENG	[-16384 to 16383 / **0** / 1line/step]
027	S. Scan: Low: Subline: M	*ENG	[-1.00 to 1.00 / **0.00** / 0.01line/step]
028	S. Scan: Standard: Line: C	*ENG	[-16384 to 16383 / **0** / 1line/step]
029	S. Scan: Standard: Subline: C	*ENG	[-1.00 to 1.00 / **0.00** / 0.01line/step]
030	S. Scan: Middle: Line: C	*ENG	[-16384 to 16383 / **0** / 1line/step]
031	S. Scan: Middle: Subline: C	*ENG	[-1.00 to 1.00 / **0.00** / 0.01line/step]
032	S. Scan: Low: Line: C	*ENG	[-16384 to 16383 / **0** / 1line/step]

033	S. Scan: Low: Subline: C	*ENG	[-1.00 to 1.00 / **0.00** / 0.01line/step]
034	S. Scan: Standard: Line: Y	*ENG	[-16384 to 16383 / **0** / 1line/step]
035	S. Scan: Standard: Subline: Y	*ENG	[-1.00 to 1.00 / **0.00** / 0.01line/step]
036	S. Scan: Middle: Line: Y	*ENG	[-16384 to 16383 / **0** / 1line/step]
037	S. Scan: Middle: Subline: Y	*ENG	[-1.00 to 1.00 / **0.00** / 0.01line/step]
038	S. Scan: Low: Line: Y	*ENG	[-16384 to 16383 / **0** / 1line/step]
039	S. Scan: Low: Subline: Y	*ENG	[-1.00 to 1.00 / **0.00** / 0.01line/step]

2182	[Line Position Adj. Offset]		
040	M. Scan: Dot: K	*ENG	[-512 to 511 / **0** / 1dot/step]
	For setting main scan position of BK: MUSIC. No need to operate.		

2187	[Method Select]		
	MUSIC pattern setting. No need to operate.		
002	MUSIC Pattern Length Adj.	*ENG	[-300 to 300 / **0** / 1dot/step]
003	Pattern Width Adj.	*ENG	[-512 to 511 / **0** / 1dot/step]
004	Pattern Interval Adj.	*ENG	[-512 to 511 / **0** / 1dot/step]

2190	[Line Position Adj.]		
	Sets belt scratch misdetection avoiding level for color shift detection. No need to operate.		
012	SnSErr Range	*ENG	[0 to 3500 / **200** / 1um/step]

2193	[MUSIC Condition Set]		
002	Page: Job End: BW+FC	*ENG	[0 to 999 / **500** / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed sheets from MUSIC when finish printing in B&W+Color mode.		

003	Page: Job End: FC	*ENG	[0 to 999 / **200** / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed sheets from MUSIC when finish printing in Color mode.		
004	Page: Interrupt: BW+FC	*ENG	[0 to 999 / **200** / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed sheets from MUSIC during printing in B&W+Color mode.		
005	Page: Interrupt: FC	*ENG	[0 to 999 / **200** / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed sheets from MUSIC during printing in Color mode.		
006	Page: Stand-By: BW	*ENG	[0 to 999 / **100** / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed B&W+Color sheets from MUSIC during stand-by.		
007	Page: Stand-By: FC	*ENG	[0 to 999 / **100** / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed Color sheets from MUSIC during stand-by.		
008	Temp.	*ENG	[0 to 100 / **5** / 1deg/step]
	Condition threshold to auto execute MUSIC or not based on the variation of environment temperature (Temperature and humidity sensor) since last MUSIC.		
009	Time	*ENG	[1 to 1440 / **300** / 1minute/step]
	Condition threshold to auto execute MUSIC on recover from energy save mode / Power on or not based on the elapsed time since last MUSIC.		
010	Magnification	*ENG	[0.00 to 1.00 / **0.10** / 0.01%/step]
011	Temp. 2	*ENG	[0 to 100 / **5** / 1deg/step]
	Condition threshold (Threshold revel: Mid.) to auto execute MUSIC or not based on the variation of internal temperature (drum temp. sensor) since last MUSIC.		
012	Time 2	*ENG	[1 to 9999 / **600** / 1minute/step]
013	Temp. 3	*ENG	[0 to 100 / **10** / 1deg/step]
	Condition threshold (Threshold revel: Hi.) to auto execute MUSIC or not based on the variation of internal temperature (drum temp. sensor) since last MUSIC.		

016	Page: Power ON:BW+FC	*ENG	[0 to 999 / **200** / 1page/step]
	Condition threshold to auto execute MUSIC on recover from energy save mode / Power on or not based sheets printed during electrification.		

2194	[MUSIC Execution Result]		
001	Year	*ENG	[0 to 99 / **0** / 1year/step]
	Saves / Refreshes this SP with "Year" of last MUSIC.		
002	Month	*ENG	[1 to 12 / **1** / 1month/step]
	Saves / Refreshes this SP with "Month" of last MUSIC.		
003	Day	*ENG	[1 to 31 / **1** / 1day/step]
	Saves / Refreshes this SP with "Day" of last MUSIC.		
004	Hour	*ENG	[0 to 23 / **0** / 1hour/step]
	Saves / Refreshes this SP with "Hour" of last MUSIC.		
005	Minute	*ENG	[0 to 59 / **0** / 1minute/step]
	Saves / Refreshes this SP with "Minute" of last MUSIC.		
006	Temperature	*ENG	[0 to 100 / **0** / 1deg/step]
	Saves / Refreshes this SP with "temperature" (temperature and humidity sensor) of last MUSIC.		
007	Execution Result	*ENG	[0 or 1 / **0** / 1/step] 0: Success 1: Failure
008	Number of Execution	*ENG	[0 to 999999 / **0** / 1time/step]
	Saves / Refreshes this SP with the total count of MUSIC done since machine shipped.		
009	Number of Failure	*ENG	[0 to 999999 / **0** / 1time/step]
	Saves / Refreshes this SP with the total count of MUSIC failed since machine shipped.		
010	Error Result: C	*ENG	[0 to 9 / **0** / 1/step]
	Saves / Refreshes this SP with the Cyan result among the MUSIC execution result.		

011	Error Result: M	*ENG	[0 to 9 / **0** / 1/step]
	Saves / Refreshes this SP with the Magenta result among the MUSIC execution result.		
012	Error Result: Y	*ENG	[0 to 9 / **0** / 1/step]
	Saves / Refreshes this SP with the yellow result among the MUSIC execution result.		
013	Error Result: K	*ENG	[0 to 9 / **0** / 1/step]
	Saves / Refreshes this SP with the Black result among the MUSIC execution result.		
014	Temperature 2	*ENG	[-10 to 100 / **0** / 1deg/step]
	Saves / Refreshes this SP with the internal temperature (drum temp. sensor) of last MUSIC.		

2195	[Realtime MUSIC Condition Set]		
001	ON/OFF	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Sets whether to have real time MUSIC ON (1) or OFF (0).		
002	Page: Interrupt: BW+FC	*ENG	[0 to 999 / **50** / 1page/step]
	Condition threshold to auto execute real time MUSIC based on the sheets printed with last MUSIC during printing in B&W+Color.		
003	Page: Interrupt: FC	*ENG	[0 to 999 / **50** / 1page/step]
	Condition threshold to auto execute real time MUSIC based on the sheets printed with last MUSIC during printing in Color.		
004	Temperature 4	*ENG	[0 to 100 / **1** / 1deg/step]
	Condition threshold (Threshold revel: Mid.) to auto execute real time MUSIC or not based on the variation of internal temperature (drum temp. sensor) since last MUSIC.		
005	Temperature 5	*ENG	[0 to 100 / **1** / 1deg/step]
	Condition threshold (Threshold revel: Hi.) to auto execute real time MUSIC or not based on the variation of internal temperature (drum temp. sensor) since last MUSIC.		

2197	[MUSIC Start Time]

	MUSIC Start Time (EDT)	*ENG	[10 to 40 / **20** / 10ms/step]
001	Sets margin time for starting scan to set starting position of scan MUSIC pattern accurately.		
	TM Sensor Position	*ENG	[50.0 to 500.0 / **165.0** / 0.1mm/step]
002	Sets physical distance information of TMP Sensor to set MUSIC pattern scanning start position accurately.		

2220	[Skew Origin Set]		
	-		
001	M: Skew Motor	ENG	[0 or 1 / **0** / -]
	M: skew original setting.		
002	C: Skew Motor	ENG	[0 or 1 / **0** / -]
	C: skew original setting.		
003	Y: Skew Motor	ENG	[0 or 1 / **0** / -]
	Y: skew original setting.		

2221	[LD Power: Fixed]		
	Decides output setting value as the value set to this SP when not controlling Process control.		
001	K	*ENG	[0 to 200 / **100** / 1%/step]
002	C	*ENG	
003	M	*ENG	
004	Y	*ENG	

2229	[Develop DC Vias]		
	Standard Speed: Bk	*ENG	[0 to 800 / **550** / 1-V/step]
001	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Std. speed: Bk)		

002	Standard Speed: C	*ENG	[0 to 800 / **550** / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Std. speed: C)		
003	Standard Speed: M	*ENG	[0 to 800 / **550** / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Std. speed: M)		
004	Standard Speed: Y	*ENG	[0 to 800 / **550** / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Std. speed: Y)		
005	Middle Speed Bk	*ENG	[0 to 800 / **550** / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set.		
006	Middle Speed C	*ENG	[0 to 800 / **550** / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set.		
007	Middle Speed M	*ENG	[0 to 800 / **550** / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set.		
008	Middle Speed Y	*ENG	[0 to 800 / **550** / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set.		
009	Low Speed: Bk	*ENG	[0 to 800 / **550** / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set.		
010	Low Speed: C	*ENG	[0 to 800 / **550** / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Low speed: C)		
011	Low Speed: M	*ENG	[0 to 800 / **550** / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Low speed: M)		

012	Low Speed: Y	*ENG	[0 to 800 / **550** / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Low speed: Y)		

2230	[QL Power Setting]		
001	Standard Speed	*ENG	[0 to 0 / **0** / 1%/step]
	Decides light amount to remove electricity at Std. speed.		
002	Middle Speed	*ENG	[0 to 0 / **0** / 1%/step]
	Decides light amount to remove electricity at Mid. Speed.		
003	Low Speed	*ENG	[0 to 0 / **0** / 1%/step]
	Decides light amount to remove electricity at Low. Speed.		

2241	[Temperature/Humidity: Display]		
003	Exec Interval: Extra Fan Control	*ENG	[1 to 3600 / **10** / 1sec/step]
	Sets interval time for temperature detection to decide whether to extend control.		
004	AIT Temperature	ENG	[0.0 to 70.0 / **0.0** / 0.1deg/step]
	Displays imaging temperature.		

2242	[TS Operation Env. Log]		
001	TS<=40	ENG	[0 to 99999999 / **0** / 1mm/step]
	TS: imaging temperature (Celsius): developing with each temperature division U: displays Bk rotation distance.		
002	40<TS<=45	ENG	[0 to 99999999 / **0** / 1mm/step]
	TS: imaging temperature (Celsius): developing with each temperature division U: displays Bk rotation distance.		
003	45<TS	ENG	[0 to 99999999 / **0** / 1mm/step]
	TS: imaging temperature (Celsius): developing with each temperature division U: displays Bk rotation distance.		

004	Log Clear	ENG	[0 or 1 / **0** / 1/step]
	Clears image temperature usage environment log.		

2302	[Environmental Correction:Trans]		
001	Current Environmental Display	ENG	[0 to 0 / **0** / 0/step]
	Displays current environment division of transfer.		
002	Forced Setting	*ENG	[0 to 6 / **0** / 1/step] 0: Sensor detect 1: LL 2: ML 3: MM 4: HM 5: HH 6: SLL
	Force sets current environment division of transfer.		
003	Absolute Humidity:Threshold 1	*ENG	[0.00 to 100.00 / **4.00** / 0.01g/m3/step]
	Sets environment division threshold (LL/ML)		
004	Absolute Humidity:Threshold 2	*ENG	[0.00 to 100.00 / **8.00** / 0.01g/m3/step]
	Sets environment division threshold (ML/MM)		
005	Absolute Humidity:Threshold 3	*ENG	[0.00 to 100.00 / **16.00** / 0.01g/m3/step]
	Sets environment division threshold (MM/HM)		
006	Absolute Humidity:Threshold 4	*ENG	[0.00 to 100.00 / **24.00** / 0.01g/m3/step]
	Sets environment division threshold (HM/HH)		
007	Temperature:Threshold	*ENG	[-5 to 30 / **5** / 1deg/step]
	Sets absolute temperature threshold (SLL)		

2303	[Time-Lapse Correction]		
001	Current Div K	*ENG	[0 to 3 / **0** / 1/step]
	Displays the current time-lapse division		
002	Current Div C	*ENG	[0 to 3 / **0** / 1/step]
	Displays the current time-lapse division		
003	Current Div M	*ENG	[0 to 3 / **0** / 1/step]
	Displays the current time-lapse division		
004	Current Div Y	*ENG	[0 to 3 / **0** / 1/step]
	Displays the current time-lapse division		
005	Correction Threshold 1_Bk	*ENG	[0 to 600000 / **5000** / 10page/step]
	Sets time-lapse correction threshold.		
006	Correction Threshold 1_Color	*ENG	[0 to 600000 / **5000** / 10page/step]
	Sets time-lapse correction threshold.		
007	Correction Threshold 2_Bk	*ENG	[0 to 600000 / **20000** / 10page/step]
	Sets time-lapse correction threshold.		
008	Correction Threshold 2_Color	*ENG	[0 to 600000 / **20000** / 10page/step]
	Sets time-lapse correction threshold.		
009	Correction Threshold 3_Bk	*ENG	[0 to 600000 / **50000** / 10page/step]
	Sets time-lapse correction threshold.		
010	Correction Threshold 3_Color	*ENG	[0 to 600000 / **50000** / 10page/step]
	Sets time-lapse correction threshold.		

2308	[Paper Size Correction]
	Sets paper width threshold for paper size correction.

001	Threshold 1	*ENG	[0 to 350 / **297** / 1mm/step]
002	Threshold 2	*ENG	[0 to 350 / **257** / 1mm/step]
003	Threshold 3	*ENG	[0 to 350 / **210** / 1mm/step]
004	Threshold 4	*ENG	[0 to 350 / **148** / 1mm/step]
2308	**[Paper Size Correction]**		
	Sets paper width threshold for paper size correction (when using optional roller.).		
005	Threshold 1	*ENG	[0 to 350 / **297** / 1mm/step]
006	Threshold 2	*ENG	[0 to 350 / **257** / 1mm/step]
007	Threshold 3	*ENG	[0 to 350 / **210** / 1mm/step]
008	Threshold 4	*ENG	[0 to 350 / **148** / 1mm/step]

2311	**[Non Image Area:Bias]**		
	Sets bias for non image area.		
001	Image Transfer	*ENG	[10 to 250 / **100** / 5%/step]
002	Paper Transfer	*ENG	[0 to 230 / **0** / 1-uA/step]
	* When between papers are close.		
003	Paper Transfer	*ENG	[0 to 2100 / **500** / 10V/step]

2316	**[Power ON:Bias]**		
	Sets bias for non image area.		
001	Image Transfer	*ENG	[0 to 80 / **5** / 1uA/step]

2326	**[Transfer Roller CL:Bias]**		
	Sets CL bias for corresponding operation.		
001	Positive:befor and after JOB	*ENG	[0 to 2100 / **250** / 10V/step]
002	Negative:befor and after JOB	*ENG	[10 to 995 / **100** / 10%/step]
003	Positive:befor and afterProcon	*ENG	[0 to 2100 / **2000** / 10V/step]

004	Negative:befor and afterProcon	*ENG	[10 to 995 / **100** / 10%/step]
005	Positive:prevention	*ENG	[0 to 2100 / **500** / 10V/step]

2351	[Common:BW:Bias]		
	Sets image transfer output value per line speed in BW mode.		
001	Image Transfer:standard	*ENG	[0 to 80 / **D146: 33, D147: 33, D148: 41, D149: 57, D150: 57** / 1uA/step]
002	Image Transfer:Middle	*ENG	[0 to 80 / **24** / 1uA/step]
003	Image Transfer:low	*ENG	[0 to 80 / **16** / 1uA/step]

2357	[Common:FC:Bias]		
	Sets image transfer output value per line speed in FC mode.		
001	ImageTransfer:standard:Bk	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **D146: 33, D147: 33, D148: 41, D149: 57, D150: 57** / 1uA/step]
002	ImageTransfer:standard:C	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **D146: 33, D147: 33, D148: 41, D149: 57, D150: 57** / 1uA/step]
003	ImageTransfer:standard:M	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **D146: 35, D147: 35, D148: 45, D149: 62, D150: 62** / 1uA/step]
004	ImageTransfer:standard:Y	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **D146: 38, D147: 38, D148: 49, D149: 67, D150: 67** / 1uA/step]
005	ImageTransfer:Middle:Bk	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **24** / 1uA/step]

006	ImageTransfer:Middle:C	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **24** / 1uA/ step]
007	ImageTransfer:Middle:M	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **26** / 1uA/ step]
008	ImageTransfer:Middle:Y	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **28** / 1uA/ step]
009	Image Transfer:low:Bk	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **16** / 1uA/ step]
010	Image Transfer:low:C	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **16** / 1uA/ step]
011	Image Transfer:low:M	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **18** / 1uA/ step]
012	Image Transfer:low:Y	*ENG	[0 to (D146: 60, D147: 60, D148: 80, D149: 80, D150: 80) / **19** / 1uA/ step]

2360	**[Common:BW:Env.CorrectionTable]**		
	Sets image transfer output environment correction table per line speed in BW mode.		
001	Image Transfer:standard	*ENG	[1 to 100 / **2** / 1/step]
002	Image Transfer:Middle	*ENG	[1 to 100 / **2** / 1/step]
003	Image Transfer:low	*ENG	[1 to 100 / **2** / 1/step]
2360	**[Common:FC:Env.CorrectionTable]**		
	Sets image transfer output environment correction table per line speed in FC mode.		
004	ImageTransfer:standard:Bk	*ENG	[1 to 100 / **1** / 1/step]
005	ImageTransfer:standard:C	*ENG	[1 to 100 / **2** / 1/step]
006	ImageTransfer:standard:M	*ENG	[1 to 100 / **3** / 1/step]

007	ImageTransfer:standard:Y	*ENG	[1 to 100 / **4** / 1/step]
008	ImageTransfer:Middle:Bk	*ENG	[1 to 100 / **1** / 1/step]
009	ImageTransfer:Middle:C	*ENG	[1 to 100 / **2** / 1/step]
010	ImageTransfer:Middle:M	*ENG	[1 to 100 / **3** / 1/step]
011	ImageTransfer:Middle:Y	*ENG	[1 to 100 / **4** / 1/step]
012	Image Transfer:low:Bk	*ENG	[1 to 100 / **1** / 1/step]
013	Image Transfer:low:C	*ENG	[1 to 100 / **2** / 1/step]
014	Image Transfer:low:M	*ENG	[1 to 100 / **3** / 1/step]
015	Image Transfer:low:Y	*ENG	[1 to 100 / **4** / 1/step]

2361	**[Time-Lapse Correction: Div 1]**		
	Input table number of time-lapse correction.		
001	Standard Speed: Bk	*ENG	
002	Mid Speed: Bk	ENG	[1 to 60 / **2** / 1/step]
003	Low Speed: Bk	ENG	

	004	Standard Speed: FC: K	*ENG	
	005	Standard Speed: FC: C	*ENG	
	006	Standard Speed: FC: M	*ENG	
	007	Standard Speed: FC: Y	*ENG	
	008	Mid Speed: FC: K	ENG	
	009	Mid Speed: FC: C	ENG	
	010	Mid Speed: FC: M	ENG	[1 to 60 / **1** / 1/step]
	011	Mid Speed: FC: Y	ENG	
	012	Low Speed: FC: K	ENG	
	013	Low Speed: FC: C	ENG	
	014	Low Speed: FC: M	ENG	
	015	Low Speed: FC: Y	ENG	

	[Time-Lapse Correction: Div 2]			
2362	Input table number of time-lapse correction.			
	001	Standard Speed: Bk	*ENG	
	002	Mid Speed: Bk	ENG	[1 to 60 / **3** / 1/step]
	003	Low Speed: Bk	ENG	

004	Standard Speed: FC: K	*ENG	
005	Standard Speed: FC: C	*ENG	
006	Standard Speed: FC: M	*ENG	
007	Standard Speed: FC: Y	*ENG	
008	Mid Speed: FC: K	ENG	
009	Mid Speed: FC: C	ENG	
010	Mid Speed: FC: M	ENG	[1 to 60 / 1 / 1/step]
011	Mid Speed: FC: Y	ENG	
012	Low Speed: FC: K	ENG	
013	Low Speed: FC: C	ENG	
014	Low Speed: FC: M	ENG	
015	Low Speed: FC: Y	ENG	

2363	[Time-Lapse Correction: Div 3]		
	Input table number of time-lapse correction.		
001	Standard Speed: Bk	*ENG	
002	Mid Speed: Bk	ENG	[1 to 60 / 4 / 1/step]
003	Low Speed: Bk	ENG	

004	Standard Speed: FC: K	*ENG	[1 to 60 / 1 / 1/step]
005	Standard Speed: FC: C	*ENG	
006	Standard Speed: FC: M	*ENG	
007	Standard Speed: FC: Y	*ENG	
008	Mid Speed: FC: K	ENG	
009	Mid Speed: FC: C	ENG	
010	Mid Speed: FC: M	ENG	
011	Mid Speed: FC: Y	ENG	
012	Low Speed: FC: K	ENG	
013	Low Speed: FC: C	ENG	
014	Low Speed: FC: M	ENG	
015	Low Speed: FC: Y	ENG	

2400	[Paper Transfer Roller Settings]		
001	Width of Paper Transfer Roller	*ENG	[0 or 1 / 0 / 1/step] 0: Default roller 1: Wide roller
	Width of Paper Transfer Roller		
002	Detach timing in waiting	*ENG	[0 to 600 / 240 / 1min/step]
	Detach timing in waiting		

2403	[Plain1:Bias:BW]		
	Sets paper transfer ampere per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]

002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]

2407	[Plain1:Bias:FC]		
	Sets paper transfer ampere per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]

2411	[Plain1:SizeCorrection:BW]		
	Sets paper transfer ampere per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]

002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **105** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **105** / 1%/ step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **105** / 1%/ step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **105** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **118** / 1%/ step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **131** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **118** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **131** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]

018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **184** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **184** / 1%/ step]
2411	**[Plain1:SizeCorrection:BW]** Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (When using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **105** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **105** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **105** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **105** / 1%/ step]

2

032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **118** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **131** / 1%/ step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **118** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **131** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **184** / 1%/ step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **184** / 1%/ step]

2412	[Plain1:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **120** / 1%/ step]

006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **140** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **120** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **140** / 1%/ step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **180** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **180** / 1%/ step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **130** / 1%/ step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **200** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **130** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **200** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **240** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **240** / 1%/ step]

2

2412	[Plain1:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (When using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **120** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **140** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **120** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **140** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **180** / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **180** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **130** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **200** / 1%/ step]

035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **130** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **200** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **240** / 1%/ step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **240** / 1%/ step]

2413	[Plain1:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **15** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **15** / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **16** / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **17** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **17** / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]

2

014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **18** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **18** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **19** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **19** / 1/step]
2413	**[Plain1:Size-Env.Correct:BW]** Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (When using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **15** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **15** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **16** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **17** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **17** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **18** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **18** / 1/step]

037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **19** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **19** / 1/step]

2414	[Plain1:Size-Env.Correct:FC] Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **25** / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **26** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **26** / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **22** / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **27** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **22** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **27** / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **23** / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **28** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **23** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **28** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **29** / 1/step]

019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **29** / 1/step]
2414	**[Plain1:Size-Env.Correct:FC]**		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (When using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **25** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **26** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **26** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **22** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **27** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **22** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **27** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **23** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **28** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **23** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **28** / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **29** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **29** / 1/step]

2415	[Plain1:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2416	[Plain1:SwitchTimingLeadEdge]		
	Sets output value [%] for paper transfer ampere leading edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2417	[Plain1:TrailEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2418	[Plain1:SwitchTimingTrailEdge]		
	Sets switch timing for paper transfer ampere trailing edge correction of paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2

| 003 | Paper Transfer:Low:1side | *ENG | [0 to 50 / **0** / 2mm/step] |
| 004 | Paper Transfer:Low:2side | *ENG | [0 to 50 / **0** / 2mm/step] |

2423	[Plain2:Bias:BW]		
	Sets paper transfer ampere per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]

2425	[Hhsmall:LeadEdgeCorrection]		
	*Un used		
001	PaperTransfer:1side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:2stSid	*ENG	[0 to 995 / **100** / 5%/step]

2427	[Plain2:Bias:FC]		
	Sets paper transfer ampere per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]

002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]

2431	[Plain2:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **105** / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **105** / 1%/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **105** / 1%/step]

010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **105** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **118** / 1%/ step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **131** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **118** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **131** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **184** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **184** / 1%/ step]
2431	[Plain2:SizeCorrection:BW] Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]

024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **105** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **105** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **105** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **105** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **118** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **131** / 1%/ step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **118** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **131** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **184** / 1%/ step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]

2

| 040 | Wide Roller:PaperTransfer:Low:2Side:S5 | *ENG | [100 to 995 / **184** / 1%/ step] |

2432	[Plain2:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **120** / 1%/ step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **140** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **120** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **140** / 1%/ step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **180** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **180** / 1%/ step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **130** / 1%/ step]

014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **200** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **130** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **200** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **240** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **240** / 1%/ step]
2432	**[Plain2:SizeCorrection:FC]** Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **120** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **140** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **120** / 1%/ step]

2

028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **140** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **180** / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **180** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **130** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **200** / 1%/ step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **130** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **200** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **240** / 1%/ step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **240** / 1%/ step]

2433	[Plain2:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **15** / 1/step]

003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **15** / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **16** / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **17** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **17** / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **18** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **18** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **19** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **19** / 1/step]
2433	[Plain2:Size-Env.Correct:BW] Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **15** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **15** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]

026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **16** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **17** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **17** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **18** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **18** / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **19** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **19** / 1/step]

2434	[Plain2:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **25** / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **26** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]

008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **26** / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **22** / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **27** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **22** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **27** / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **23** / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **28** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **23** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **28** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **29** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **29** / 1/step]
2434	[Plain2:Size-Env.Correct:FC] Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **25** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **26** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **26** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **22** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **27** / 1/step]

031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **22** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **27** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **23** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **28** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **23** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **28** / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **29** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **29** / 1/step]

2435	[Plain2:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer leading edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2436	[Plain2:SwitchTimingLeadEdge]		
	Sets switch timing for paper transfer ampere leading edge correct per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2437	**[Plain2:TrailEdgeCorrection]**		
	Sets output value [%] for paper transfer trailing edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2438	**[Plain2:SwitchTimingTrailEdge]**		
	Sets switch timing for paper transfer ampere trailing edge correct per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2443	**[Middle:Bias:BW]**		
	Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]

2

004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]

2447	[Middle:Bias:FC]		
	Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 30, D147: 30, D148: 39, D149: 53, D150: 53** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **15** / 1-uA/step]

2451	[Middle:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]

006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **106** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **106** / 1%/ step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **105** / 1%/ step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **110** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **105** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **110** / 1%/ step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **113** / 1%/ step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **120** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **113** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **120** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **118** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **118** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]

2

2451	[Middle:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **106** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **106** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **105** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **110** / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **105** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **110** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **113** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **120** / 1%/ step]

035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **113** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **120** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **118** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **118** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]

2452	[Middle:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **106** / 1%/ step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **132** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **106** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **132** / 1%/ step]

009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **110** / 1%/ step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **170** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **110** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **170** / 1%/ step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **120** / 1%/ step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **189** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **120** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **189** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **245** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **245** / 1%/ step]
2452	**[Middle:SizeCorrection:FC]** Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]

023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **106** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **132** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **106** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **132** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **110** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **170** / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **110** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **170** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **120** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **189** / 1%/ step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **120** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **189** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **245** / 1%/ step]

039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **245** / 1%/ step]

2453	[Middle:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **41** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **41** / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **39** / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **42** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **39** / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **42** / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **40** / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **43** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **40** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **43** / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **40** / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **44** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **40** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **44** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **40** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **45** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **40** / 1/step]

020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **45** / 1/step]
2453	**[Middle:Size-Env.Correct:BW]** Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **41** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **41** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **39** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **42** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **39** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **42** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **40** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **43** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **40** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **43** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **40** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **44** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **40** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **44** / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **40** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **45** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **40** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **45** / 1/step]

2454	[Middle:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **49** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **49** / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **46** / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **50** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **46** / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **50** / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **47** / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **51** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **47** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **51** / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **48** / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **52** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **48** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **52** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **48** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **53** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **48** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **53** / 1/step]
2454	[Middle:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		

021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **49** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **49** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **46** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **50** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **46** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **50** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **47** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **51** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **47** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **51** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **48** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **52** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **48** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **52** / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **48** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **53** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **48** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **53** / 1/step]

2455	[Middle:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]

| 003 | Paper Transfer:Low:1side | *ENG | [0 to 995 / **100** / 5%/step] |
| 004 | Paper Transfer:Low:2side | *ENG | [0 to 995 / **100** / 5%/step] |

2456	**[Middle:SwitchTimingLeadEdge]**		
	Sets switch timing for paper transfer ampere leading edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2457	**[Middle:TrailEdgeCorrection]**		
	Sets output value [%] for paper transfer ampere trailing edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2458	**[Middle:SwitchTimingTrailEdge]**		
	Sets switch timing for paper transfer ampere trailing edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

| 2463 | **[Thin:Bias:BW]** | | |
| | Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides. | | |

001	PaperTransfer:Standard:1Sid	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
002	PaperTransfer:Standard:2Sid	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
003	Paper Transfer:Low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]
004	Paper Transfer:Low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]

2467	[Thin:Bias:FC]		
	Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
002	PaperTransfer:Standard:2Sid	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
003	Paper Transfer:Low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]
004	Paper Transfer:Low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]

2471	[Thin:SizeCorrection:BW]
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.

001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **105** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **105** / 1%/ step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **111** / 1%/ step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **140** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **111** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **140** / 1%/ step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **121** / 1%/ step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **175** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **121** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **175** / 1%/ step]

017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **211** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **211** / 1%/ step]
2471	[Thin:SizeCorrection:BW] Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **105** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **105** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **111** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **140** / 1%/ step]

031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **111** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **140** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **121** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **175** / 1%/ step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **121** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **175** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **211** / 1%/ step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **211** / 1%/ step]

2472	[Thin:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]

005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **106** / 1%/ step]
006	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **130** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **106** / 1%/ step]
008	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **130** / 1%/ step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **117** / 1%/ step]
010	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **153** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **117** / 1%/ step]
012	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **153** / 1%/ step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **128** / 1%/ step]
014	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **177** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **128** / 1%/ step]
016	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **177** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **200** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **200** / 1%/ step]

2

2472	[Thin:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **106** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **130** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **106** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **130** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **117** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **153** / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **117** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **153** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **128** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **177** / 1%/ step]

035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **128** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **177** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **200** / 1%/ step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **200** / 1%/ step]

2473	**[Thin:Size-Env.Correct:BW]**		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
002	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **15** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **15** / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]
006	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **16** / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
010	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **30** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **30** / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]

014	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **31** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
016	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **31** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **32** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **32** / 1/step]
2473	[Thin:Size-Env.Correct:BW] Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **15** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **15** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **16** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **30** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **30** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **31** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **31** / 1/step]

037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **32** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **32** / 1/step]

Main SP Tables-2-2

SP2-474 to 2-990 (Drum)

2474	[Thin:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
002	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **25** / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]
006	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **35** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **35** / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **33** / 1/step]
010	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **36** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **33** / 1/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **36** / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **34** / 1/step]
014	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **37** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **34** / 1/step]
016	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **37** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **38** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **38** / 1/step]

2474	**[Thin:Size-Env.Correct:FC]**		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **25** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **35** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **35** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **33** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **36** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **33** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **36** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **34** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **37** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **34** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **37** / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **38** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **38** / 1/step]

2475	**[Thin:LeadingEdgeCorrection]**
	Sets output value [%] for paper transfer ampere leading edge correction per paper thickness / line speed / printing sides.

001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2476	**[Thin:SwitchTimingLeadEdge]** Sets switch timing for paper transfer ampere leading edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2477	**[Thin:TrailEdgeCorrection]** Sets output value [%] for paper transfer ampere trailing edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2478	**[Thin:SwitchTimingTrailEdge]** Sets switch timing for paper transfer ampere trailing edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2483	[Thick1:Bias:BW]		
	Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:middle:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **16** / 1-uA/step]
002	PaperTransfer:middle:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **13** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **9** / 1-uA/step]

2487	[Thick1:Bias:FC]		
	Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:middle:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **23** / 1-uA/step]
002	PaperTransfer:middle:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **26** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **16** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **18** / 1-uA/step]

2491	[Thick1:SizeCorrection:BW]
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.

2

001	PaperTransfer:middle:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/step]
002	PaperTransfer:middle:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
005	PaperTransfer:middle:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/step]
006	PaperTransfer:middle:1Sid:S2	*ENG	[100 to 995 / **177** / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **177** / 1%/step]
009	PaperTransfer:middle:1Sid:S3	*ENG	[100 to 995 / **100** / 1%/step]
010	PaperTransfer:middle:1Sid:S3	*ENG	[100 to 995 / **231** / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **231** / 1%/step]
013	PaperTransfer:middle:1Sid:S4	*ENG	[100 to 995 / **100** / 1%/step]
014	PaperTransfer:middle:1Sid:S4	*ENG	[100 to 995 / **270** / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **270** / 1%/step]
017	PaperTransfer:middle:1Sid:S5	*ENG	[100 to 995 / **100** / 1%/step]
018	PaperTransfer:middle:2Sid:S5	*ENG	[100 to 995 / **308** / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **308** / 1%/step]
2491	[Thick1:SizeCorrection:BW] Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:middle:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/step]
022	Wide Roller:PaperTransfer:middle:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]

024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
025	Wide Roller:PaperTransfer:middle:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/step]
026	Wide Roller:PaperTransfer:middle:2Sid:S2	*ENG	[100 to 995 / **177** / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **177** / 1%/step]
029	Wide Roller:PaperTransfer:middle:1Sid:S3	*ENG	[100 to 995 / **100** / 1%/step]
030	Wide Roller:PaperTransfer:middle:2Sid:S3	*ENG	[100 to 995 / **231** / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **231** / 1%/step]
033	Wide Roller:PaperTransfer:middle:1Sid:S4	*ENG	[100 to 995 / **100** / 1%/step]
034	Wide Roller:PaperTransfer:middle:2Sid:S4	*ENG	[100 to 995 / **270** / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **270** / 1%/step]
037	Wide Roller:PaperTransfer:middle:1Sid:S5	*ENG	[100 to 995 / **100** / 1%/step]
038	Wide Roller:PaperTransfer:middle:2Sid:S5	*ENG	[100 to 995 / **308** / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **308** / 1%/step]

2492	[Thick1:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:middle:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/step]
002	PaperTransfer:middle:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
005	PaperTransfer:middle:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/step]

006	PaperTransfer:middle:1Sid:S2	*ENG	[100 to 995 / **173** / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **173** / 1%/step]
009	PaperTransfer:middle:1Sid:S3	*ENG	[100 to 995 / **100** / 1%/step]
010	PaperTransfer:middle:1Sid:S3	*ENG	[100 to 995 / **250** / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **250** / 1%/step]
013	PaperTransfer:middle:1Sid:S4	*ENG	[100 to 995 / **100** / 1%/step]
014	PaperTransfer:middle:1Sid:S4	*ENG	[100 to 995 / **308** / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **308** / 1%/step]
017	PaperTransfer:middle:1Sid:S5	*ENG	[100 to 995 / **100** / 1%/step]
018	PaperTransfer:middle:2Sid:S5	*ENG	[100 to 995 / **385** / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **385** / 1%/step]
2492	**[Thick1:SizeCorrection:FC]**		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:middle:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/step]
022	Wide Roller:PaperTransfer:middle:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
025	Wide Roller:PaperTransfer:middle:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/step]
026	Wide Roller:PaperTransfer:middle:2Sid:S2	*ENG	[100 to 995 / **173** / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **173** / 1%/step]

029	Wide Roller:PaperTransfer:middle:1Sid:S3	*ENG	[100 to 995 / **100** / 1%/step]
030	Wide Roller:PaperTransfer:middle:2Sid:S3	*ENG	[100 to 995 / **250** / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **250** / 1%/step]
033	Wide Roller:PaperTransfer:middle:1Sid:S4	*ENG	[100 to 995 / **100** / 1%/step]
034	Wide Roller:PaperTransfer:middle:2Sid:S4	*ENG	[100 to 995 / **308** / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **308** / 1%/step]
037	Wide Roller:PaperTransfer:middle:1Sid:S5	*ENG	[100 to 995 / **100** / 1%/step]
038	Wide Roller:PaperTransfer:middle:2Sid:S5	*ENG	[100 to 995 / **385** / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **385** / 1%/step]

2493	**[Thick1:Size-Env.Correct:BW]** Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / **54** / 1/step]
002	PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / **57** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **54** / 1/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **57** / 1/step]
005	PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / **55** / 1/step]
006	PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / **58** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **55** / 1/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **58** / 1/step]
009	PaperTransfer:middle:1Sid:S3	*ENG	[1 to 100 / **56** / 1/step]
010	PaperTransfer:middle:1Sid:S3	*ENG	[1 to 100 / **59** / 1/step]

011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **56** / 1/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **59** / 1/step]
013	PaperTransfer:middle:1Sid:S4	*ENG	[1 to 100 / **56** / 1/step]
014	PaperTransfer:middle:1Sid:S4	*ENG	[1 to 100 / **60** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **56** / 1/step]
016	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **60** / 1/step]
017	PaperTransfer:middle:1Sid:S5	*ENG	[1 to 100 / **56** / 1/step]
018	PaperTransfer:middle:2Sid:S5	*ENG	[1 to 100 / **61** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **56** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **61** / 1/step]
2493	**[Thick1:Size-Env.Correct:BW]** Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.(With using optional wide unit)		
021	Wide Roller:PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / **54** / 1/step]
022	Wide Roller:PaperTransfer:middle:2Sid:S1	*ENG	[1 to 100 / **57** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **54** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **57** / 1/step]
025	Wide Roller:PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / **55** / 1/step]
026	Wide Roller:PaperTransfer:middle:2Sid:S2	*ENG	[1 to 100 / **58** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **55** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **58** / 1/step]
029	Wide Roller:PaperTransfer:middle:1Sid:S3	*ENG	[1 to 100 / **56** / 1/step]
030	Wide Roller:PaperTransfer:middle:2Sid:S3	*ENG	[1 to 100 / **59** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **56** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **59** / 1/step]
033	Wide Roller:PaperTransfer:middle:1Sid:S4	*ENG	[1 to 100 / **56** / 1/step]

034	Wide Roller:PaperTransfer:middle:2Sid:S4	*ENG	[1 to 100 / **60** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **56** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **60** / 1/step]
037	Wide Roller:PaperTransfer:middle:1Sid:S5	*ENG	[1 to 100 / **56** / 1/step]
038	Wide Roller:PaperTransfer:middle:2Sid:S5	*ENG	[1 to 100 / **61** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **56** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **61** / 1/step]

2494	[Thick1:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / **13** / 1/step]
002	PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / **65** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **13** / 1/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **65** / 1/step]
005	PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / **63** / 1/step]
006	PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / **66** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **63** / 1/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **66** / 1/step]
009	PaperTransfer:middle:1Sid:S3	*ENG	[1 to 100 / **63** / 1/step]
010	PaperTransfer:middle:1Sid:S3	*ENG	[1 to 100 / **67** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **63** / 1/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **67** / 1/step]
013	PaperTransfer:middle:1Sid:S4	*ENG	[1 to 100 / **64** / 1/step]
014	PaperTransfer:middle:1Sid:S4	*ENG	[1 to 100 / **68** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **64** / 1/step]

016	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **68** / 1/step]
017	PaperTransfer:middle:1Sid:S5	*ENG	[1 to 100 / **64** / 1/step]
018	PaperTransfer:middle:2Sid:S5	*ENG	[1 to 100 / **69** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **64** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **69** / 1/step]
2494	[Thick1:Size-Env.Correct:FC] Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.(With using optional wide unit)		
021	Wide Roller:PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / **13** / 1/step]
022	Wide Roller:PaperTransfer:middle:2Sid:S1	*ENG	[1 to 100 / **65** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **13** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **65** / 1/step]
025	Wide Roller:PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / **63** / 1/step]
026	Wide Roller:PaperTransfer:middle:2Sid:S2	*ENG	[1 to 100 / **66** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **63** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **66** / 1/step]
029	Wide Roller:PaperTransfer:middle:1Sid:S3	*ENG	[1 to 100 / **63** / 1/step]
030	Wide Roller:PaperTransfer:middle:2Sid:S3	*ENG	[1 to 100 / **67** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **63** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **67** / 1/step]
033	Wide Roller:PaperTransfer:middle:1Sid:S4	*ENG	[1 to 100 / **64** / 1/step]
034	Wide Roller:PaperTransfer:middle:2Sid:S4	*ENG	[1 to 100 / **68** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **64** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **68** / 1/step]
037	Wide Roller:PaperTransfer:middle:1Sid:S5	*ENG	[1 to 100 / **64** / 1/step]
038	Wide Roller:PaperTransfer:middle:2Sid:S5	*ENG	[1 to 100 / **69** / 1/step]

039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **64** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **69** / 1/step]

2495	[Thick1:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:middle:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:middle:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2496	[Thick1:SwitchTimingLeadEdge]		
	Sets switch timing for paper transfer ampere leading edge per thickness / line speed / printing speed.		
001	PaperTransfer:middle:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:middle:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2497	[Thick1:TrailEdgeCorrection]		
	Sets output value [%] for paper transfer ampere trailing edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:middle:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:middle:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2

2498	[Thick1:SwitchTimingTrailEdge]		
	Sets switch timing for paper transfer ampere trailing edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:middle:1Side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:middle:2Side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2503	[Thick2:Bias:BW]		
	Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **15** / 1-uA/step]

2507	[Thick2:Bias:FC]		
	Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **19** / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **21** / 1-uA/step]

2511	[Thick2:SizeCorrection:BW]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]

007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 1%/step]
2511	**[Thick2:SizeCorrection:BW]** Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 1%/step]

2512	**[Thick2:SizeCorrection:FC]** Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]

007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 1%/step]
2512	[Thick2:SizeCorrection:FC] Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 1%/step]

2513	[Thick2:Size-Env.Correct:BW] Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **70** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **72** / 1/step]

007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **71** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **73** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **71** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **74** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **71** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **75** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **71** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **76** / 1/step]
2513	[Thick2:Size-Env.Correct:BW] Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **70** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **72** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **71** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **73** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **71** / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **74** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **71** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **75** / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / **71** / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / **76** / 1/step]

2514	[Thick2:Size-Env.Correct:FC] Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **77** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **80** / 1/step]

007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **81** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **82** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **83** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **84** / 1/step]
2514	[Thick2:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **74** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **80** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **81** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **82** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **83** / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / **84** / 1/step]

2515	[Thick2:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / **100** / 5%/step]

2516	[Thick2:SwitchTimingLeadEdge]			
	Sets switch timing for paper transfer ampere leading edge correction per thickness / printing sides.			
003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]	
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]	

2517	[Thick2:TrailEdgeCorrection]			
	Sets output value [%] for paper transfer ampere trailing edge correction per thickness / printing sides.			
003	Paper Transfer:1side	*ENG	[0 to 995 / 100 / 5%/step]	
004	Paper Transfer:2side	*ENG	[0 to 995 / 100 / 5%/step]	

2518	[Thick2:SwitchTimingTrailEdge]			
	Sets switch timing for paper transfer ampere trailing edge correction per thickness / printing sides.			
003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]	
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]	

2523	[Thick3:Bias:BW]			
	Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides.			
003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]	
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **15** / 1-uA/step]	

| 2527 | [Thick3:Bias:FC] | | | |
| | Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides. | | | |

2

003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **19** / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **21** / 1-uA/step]

2531	[Thick3:SizeCorrection:BW]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 1%/step]
2531	[Thick3:SizeCorrection:BW]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]

032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 1%/step]

2532	[Thick3:SizeCorrection:FC] Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 1%/step]
2532	[Thick3:SizeCorrection:FC] Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]

032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 1%/step]

2533	[Thick3:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **85** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **87** / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **86** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **88** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **86** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **89** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **86** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **90** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **86** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **91** / 1/step]
2533	[Thick3:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **85** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **87** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **86** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **88** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **86** / 1/step]

032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **89** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **86** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **90** / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / **86** / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / **91** / 1/step]

2534	**[Thick3:Size-Env.Correct:FC]** Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **77** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **92** / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **93** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **94** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **95** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **96** / 1/step]
2534	**[Thick3:Size-Env.Correct:FC]** Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **77** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **92** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **93** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]

032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **94** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **95** / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / **96** / 1/step]

2535	[Thick3:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / **100** / 5%/step]

2536	[Thick3:SwitchTimingLeadEdge]		
	Sets switch timing for paper transfer ampere leading edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2537	[Thick3:TrailEdgeCorrection]		
	Sets output value [%] for paper transfer ampere trailing edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / **100** / 5%/step]

2538	[Thick3:SwitchTimingTrailEdge]		
	Sets switch timing for paper transfer ampere trailing edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2543	[OHP:Bias:BW]		
	Sets paper transfer ampere per mode (FC/BW) of OHP.		
003	PaperTransfer	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / 11 / 1-uA/step]

2547	[OHP:Bias:FC]		
	Sets paper transfer ampere per mode (FC/BW) of OHP.		
003	PaperTransfer	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / 19 / 1-uA/step]

2551	[OHP:SizeCorrection:BW]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP.		
003	PaperTransfer:S1	*ENG	[100 to 995 / 100 / 1%/step]
007	PaperTransfer:S2	*ENG	[100 to 995 / 100 / 1%/step]
011	PaperTransfer:S3	*ENG	[100 to 995 / 100 / 1%/step]
015	PaperTransfer:S4	*ENG	[100 to 995 / 100 / 1%/step]
019	PaperTransfer:S5	*ENG	[100 to 995 / 100 / 1%/step]
2551	[OHP:SizeCorrection:BW]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:S1	*ENG	[100 to 995 / 100 / 1%/step]
027	Wide Roller:PaperTransfer:S2	*ENG	[100 to 995 / 100 / 1%/step]
031	Wide Roller:PaperTransfer:S3	*ENG	[100 to 995 / 100 / 1%/step]
035	Wide Roller:PaperTransfer:S4	*ENG	[100 to 995 / 100 / 1%/step]
039	Wide Roller:PaperTransfer:S5	*ENG	[100 to 995 / 100 / 1%/step]

2

2552	[OHP:SizeCorrection:FC]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP.		
003	PaperTransfer:S1	*ENG	[100 to 995 / **100** / 1%/step]
007	PaperTransfer:S2	*ENG	[100 to 995 / **181** / 1%/step]
011	PaperTransfer:S3	*ENG	[100 to 995 / **229** / 1%/step]
015	PaperTransfer:S4	*ENG	[100 to 995 / **286** / 1%/step]
019	PaperTransfer:S5	*ENG	[100 to 995 / **381** / 1%/step]
2552	[OHP:SizeCorrection:FC]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:S1	*ENG	[100 to 995 / **100** / 1%/step]
027	Wide Roller:PaperTransfer:S2	*ENG	[100 to 995 / **181** / 1%/step]
031	Wide Roller:PaperTransfer:S3	*ENG	[100 to 995 / **229** / 1%/step]
035	Wide Roller:PaperTransfer:S4	*ENG	[100 to 995 / **286** / 1%/step]
039	Wide Roller:PaperTransfer:S5	*ENG	[100 to 995 / **381** / 1%/step]

2553	[OHP:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP.		
003	PaperTransfer:S1	*ENG	[1 to 100 / **70** / 1/step]
007	PaperTransfer:S2	*ENG	[1 to 100 / **71** / 1/step]
011	PaperTransfer:S3	*ENG	[1 to 100 / **72** / 1/step]
015	PaperTransfer:S4	*ENG	[1 to 100 / **72** / 1/step]
019	PaperTransfer:S5	*ENG	[1 to 100 / **72** / 1/step]
2553	[OHP:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP. (When using optional wide unit.)		

023	Wide Roller:PaperTransfer:S1	*ENG	[1 to 100 / **70** / 1/step]
027	Wide Roller:PaperTransfer:S2	*ENG	[1 to 100 / **71** / 1/step]
031	Wide Roller:PaperTransfer:S3	*ENG	[1 to 100 / **72** / 1/step]
035	Wide Roller:PaperTransfer:S4	*ENG	[1 to 100 / **72** / 1/step]
039	Wide Roller:PaperTransfer:S5	*ENG	[1 to 100 / **72** / 1/step]

2554	[OHP:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP.		
003	PaperTransfer:S1	*ENG	[1 to 100 / **77** / 1/step]
007	PaperTransfer:S2	*ENG	[1 to 100 / **78** / 1/step]
011	PaperTransfer:S3	*ENG	[1 to 100 / **79** / 1/step]
015	PaperTransfer:S4	*ENG	[1 to 100 / **79** / 1/step]
019	PaperTransfer:S5	*ENG	[1 to 100 / **79** / 1/step]
2554	[OHP:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:S1	*ENG	[1 to 100 / **77** / 1/step]
027	Wide Roller:PaperTransfer:S2	*ENG	[1 to 100 / **78** / 1/step]
031	Wide Roller:PaperTransfer:S3	*ENG	[1 to 100 / **79** / 1/step]
035	Wide Roller:PaperTransfer:S4	*ENG	[1 to 100 / **79** / 1/step]
039	Wide Roller:PaperTransfer:S5	*ENG	[1 to 100 / **79** / 1/step]

2555	[OHP:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction of OHP.		
003	Paper Transfer	*ENG	[0 to 995 / **100** / 5%/step]

2556	[OHP:SwitchTimingLeadEdge]		
	Sets switch timing for paper transfer ampere leading edge correction of OHP.		
003	Paper Transfer	*ENG	[0 to 50 / **0** / 2mm/step]

2557	[OHP:TrailEdgeCorrection]		
	Sets output value [%] for paper transfer ampere trailing edge correction of OHP.		
003	Paper Transfer	*ENG	[0 to 995 / **100** / 5%/step]

2558	[OHP:SwitchTimingTrailEdge]		
	Sets switch timing for paper transfer ampere trailing edge correction of OHP.		
003	Paper Transfer	*ENG	[0 to 50 / **0** / 2mm/step]

2563	[Special1:Bias:BW]		
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 1.		
001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]

2567	[Special1:Bias:FC]		
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 1.		

001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]

2571	[Special1:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 1.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **105** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **105** / 1%/ step]

009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **105** / 1%/ step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **105** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **118** / 1%/ step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **131** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **118** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **131** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **184** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **184** / 1%/ step]
2571	[Special1:SizeCorrection:BW] Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 1. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]

023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **105** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **105** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **105** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **105** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **118** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **131** / 1%/ step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **118** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **131** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **184** / 1%/ step]

039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **184** / 1%/ step]

2572	[Special1:SizeCorrection:FC] Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 1.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **120** / 1%/ step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **140** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **120** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **140** / 1%/ step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **180** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **180** / 1%/ step]

013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **130** / 1%/ step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **200** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **130** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **200** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **240** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **240** / 1%/ step]
2572	[Special1:SizeCorrection:FC] Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 1. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **120** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **140** / 1%/ step]

027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **120** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **140** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **180** / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **180** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **130** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **200** / 1%/ step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **130** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **200** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **240** / 1%/ step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **240** / 1%/ step]

2573	[Special1:Size-Env.Correct:BW]
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 1.

001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **15** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **15** / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **16** / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **17** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **17** / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **18** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **18** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **19** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **19** / 1/step]
2573	[Special1:Size-Env.Correct:BW] Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 1. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **15** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]

024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **15** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **16** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **17** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **17** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **18** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **18** / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **19** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **19** / 1/step]

2574	[Special1:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 1.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **25** / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]

006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **26** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **26** / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **22** / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **27** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **22** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **27** / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **23** / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **28** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **23** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **28** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **29** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **29** / 1/step]
2574	**[Special1:Size-Env.Correct:FC]** Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 1. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **25** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **26** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **26** / 1/step]

029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **22** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **27** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **22** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **27** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **23** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **28** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **23** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **28** / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **29** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **29** / 1/step]

2575	[Special1:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per line speed / printing sides of special paper 1.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2576	[Special1:SwitchTimingLeadEdge]		
	Sets switch timing for paper transfer ampere leading edge correction per line speed / printing sides of special paper 1.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]

| 004 | Paper Transfer:Low:2side | *ENG | [0 to 50 / **0** / 2mm/step] |

2577	[Special1:TrailEdgeCorrection]		
	Sets output value [%] for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 1.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2578	[Special1:SwitchTimingTrailEdge]		
	Sets switch timing for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 1.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2583	[Special2:Bias:BW]		
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]

004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]

2587	[Special2:Bias:FC]		
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]

2591	[Special2:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]

006	PaperTransfer:standard:2Sid:S2	*ENG	[100 to 995 / **105** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **105** / 1%/ step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[100 to 995 / **105** / 1%/ step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **105** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[100 to 995 / **118** / 1%/ step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[100 to 995 / **131** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **118** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **131** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **184** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **184** / 1%/ step]

2

2591	[Special2:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 2. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/ step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 100 / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 105 / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 100 / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 105 / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 105 / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 118 / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 105 / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 118 / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 118 / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 131 / 1%/ step]

035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **118** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **131** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **184** / 1%/ step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **184** / 1%/ step]

2592	[Special2:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[100 to 995 / **120** / 1%/ step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[100 to 995 / **140** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **120** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **140** / 1%/ step]

009	PaperTransfer:standard:1Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[100 to 995 / **180** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **180** / 1%/ step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[100 to 995 / **130** / 1%/ step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[100 to 995 / **200** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **130** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **200** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **240** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **240** / 1%/ step]
2592	[Special2:SizeCorrection:FC] Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 2. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]

023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **120** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **140** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **120** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **140** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **180** / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **180** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **130** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **200** / 1%/ step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **130** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **200** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **240** / 1%/ step]

2

039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **240** / 1%/ step]

2593	[Special2:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[1 to 100 / **15** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **15** / 1/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **16** / 1/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[1 to 100 / **17** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **17** / 1/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[1 to 100 / **18** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **18** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **19** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]

020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **19** / 1/step]
2593	**[Special2:Size-Env.Correct:BW]** Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 2. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **15** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **15** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **16** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **17** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **17** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **18** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **18** / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **19** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **19** / 1/step]

2

2594	[Special2:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **25** / 1/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[1 to 100 / **26** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **26** / 1/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[1 to 100 / **22** / 1/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[1 to 100 / **27** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **22** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **27** / 1/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[1 to 100 / **23** / 1/step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[1 to 100 / **28** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **23** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **28** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **29** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **29** / 1/step]
2594	[Special2:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 2. (When using optional wide unit.)		

021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **25** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **26** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **26** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **22** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **27** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **22** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **27** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **23** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **28** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **23** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **28** / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **29** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **29** / 1/step]

2595	[Special2:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per line speed / printing sides of special paper 2.		
001	PaperTransfer:standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]

003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2596	[Special2:SwitchTimingLeadEdge]		
	Sets switch timing for paper transfer ampere leading edge correction per line speed / printing sides of special paper 2.		
001	PaperTransfer:standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2597	[Special2:TrailEdgeCorrection]		
	Sets output value [%] for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 2.		
001	PaperTransfer:standard:1Side	*ENG	[0 to 995 / **100** / 5%/step]
002	PaperTransfer:standard:2Side	*ENG	[0 to 995 / **100** / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2598	[Special2:SwitchTimingTrailEdge]		
	Sets switch timing for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 2.		
001	PaperTransfer:standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2603	[Special3:Bias:BW]
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 3.

001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 22, D147: 22, D148: 28, D149: 38, D150: 38** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]

2607	[Special3:Bias:FC]		
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 3.		
001	PaperTransfer:standard:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **D146: 29, D147: 29, D148: 36, D149: 50, D150: 50** / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **14** / 1-uA/step]

2611	[Special3:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 3.		

001	PaperTransfer:standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[100 to 995 / **105** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **105** / 1%/ step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[100 to 995 / **105** / 1%/ step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **105** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[100 to 995 / **118** / 1%/ step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[100 to 995 / **131** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **118** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **131** / 1%/ step]

017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **184** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **184** / 1%/ step]
2611	[Special3:SizeCorrection:BW] Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 3. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **100** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **105** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **100** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **105** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **105** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]

031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **105** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **118** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **131** / 1%/ step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **118** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **131** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **132** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **184** / 1%/ step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **132** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **184** / 1%/ step]

2612	[Special3:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 3.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]

005	PaperTransfer:standard:1Sid:S2	*ENG	[100 to 995 / **120** / 1%/ step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[100 to 995 / **140** / 1%/ step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **120** / 1%/ step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **140** / 1%/ step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[100 to 995 / **180** / 1%/ step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **180** / 1%/ step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[100 to 995 / **130** / 1%/ step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[100 to 995 / **200** / 1%/ step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **130** / 1%/ step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **200** / 1%/ step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **240** / 1%/ step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **240** / 1%/ step]

2

2612	[Special3:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 3. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / **100** / 1%/ step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / **100** / 1%/ step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / **120** / 1%/ step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / **140** / 1%/ step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / **120** / 1%/ step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / **140** / 1%/ step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / **118** / 1%/ step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / **180** / 1%/ step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / **118** / 1%/ step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / **180** / 1%/ step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / **130** / 1%/ step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / **200** / 1%/ step]

035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / **130** / 1%/ step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / **200** / 1%/ step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / **140** / 1%/ step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / **240** / 1%/ step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / **140** / 1%/ step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / **240** / 1%/ step]

2613	[Special3:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 3.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[1 to 100 / **15** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **15** / 1/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **16** / 1/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[1 to 100 / **17** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **17** / 1/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]

014	PaperTransfer:standard:2Sid:S4	*ENG	[1 to 100 / **18** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **18** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **19** / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **19** / 1/step]
2613	**[Special3:Size-Env.Correct:BW]** Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 3. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **10** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **15** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **10** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **15** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **11** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **16** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **11** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **16** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **12** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **17** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **12** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **17** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **13** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **18** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **13** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **18** / 1/step]

037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **14** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **19** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **14** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **19** / 1/step]

2614	[Special3:Size-Env.Correct:FC] Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 3.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **25** / 1/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[1 to 100 / **26** / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **26** / 1/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[1 to 100 / **22** / 1/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[1 to 100 / **27** / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **22** / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **27** / 1/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[1 to 100 / **23** / 1/step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[1 to 100 / **28** / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **23** / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **28** / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **29** / 1/step]

019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **29** / 1/step]
2614	**[Special3:Size-Env.Correct:FC]** Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 3. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / **20** / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / **25** / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / **20** / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / **25** / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / **21** / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / **26** / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / **21** / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / **26** / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / **22** / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / **27** / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / **22** / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / **27** / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / **23** / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / **28** / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / **23** / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / **28** / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / **24** / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / **29** / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / **24** / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / **29** / 1/step]

2615	[Special3:LeadingEdgeCorrection]			
	Sets output value [%] for paper transfer ampere leading edge correction per line speed / printing sides of special paper 3.			
	001	Paper Transfer:standard:1side	*ENG	[0 to 995 / **100** / 5%/step]
	002	Paper Transfer:standard:2side	*ENG	[0 to 995 / **100** / 5%/step]
	003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
	004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2616	[Special3:SwitchTimingLeadEdge]			
	Sets switch timing for paper transfer ampere leading edge correction per line speed / printing sides of special paper 3.			
	001	Paper Transfer:standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
	002	Paper Transfer:standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]
	003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
	004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2617	[Special3:TrailEdgeCorrection]			
	Sets output value [%] for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 3.			
	001	Paper Transfer:standard:1side	*ENG	[0 to 995 / **100** / 5%/step]
	002	Paper Transfer:standard:2side	*ENG	[0 to 995 / **100** / 5%/step]
	003	Paper Transfer:Low:1side	*ENG	[0 to 995 / **100** / 5%/step]
	004	Paper Transfer:Low:2side	*ENG	[0 to 995 / **100** / 5%/step]

2618	[Special3:SwitchTimingTrailEdge]			
	Sets switch timing for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 3.			
	001	Paper Transfer:standard:1side	*ENG	[0 to 50 / **0** / 2mm/step]
	002	Paper Transfer:standard:2side	*ENG	[0 to 50 / **0** / 2mm/step]

003	Paper Transfer:Low:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2623	[Special1 Thick:Bias:BW]		
	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **15** / 1-uA/step]

2627	[Special1 Thick:Bias:FC]		
	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **19** / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **21** / 1-uA/step]

2631	[Special1Thick:PaperSizeCorr:BW]		
	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 1%/step]

011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 1%/step]
2631	**[Special1Thick:PaperSizeCorr:BW]** Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 1%/step]

2632	**[Special1Thick:PaperSizeCorr:FC]** Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]

2

007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 1%/step]
2632	**[Special1Thick:PaperSizeCorr:FC]** Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 1%/step]

2633	[Sp1Thick:PaperSizeEnvCorr:BW]		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **85** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **87** / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **86** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **88** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **86** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **89** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **86** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **90** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **86** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **91** / 1/step]
2633	[Sp1Thick:PaperSizeEnvCorr:BW]		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **85** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **87** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **86** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **88** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **86** / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **89** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **86** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **90** / 1/step]

2

| 039 | Wide Roller:PaperTransfer:1Side:S5 | *ENG | [1 to 100 / **86** / 1/step] |
| 040 | Wide Roller:PaperTransfer:2Side:S5 | *ENG | [1 to 100 / **91** / 1/step] |

2634	**[Sp1Thick:PaperSizeEnvCorr:FC]** Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **77** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **92** / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **93** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **94** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **95** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **96** / 1/step]
2634	**[Sp1Thick:PaperSizeEnvCorr:FC]** Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **77** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **92** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **93** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]

032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **94** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **95** / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / **96** / 1/step]

2635	[Sp1Thick:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / **100** / 5%/step]

2636	[Sp1Thick:SwitchTimingLeadEdge]		
	Sets switch timing for paper transfer ampere leading edge correction per printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2637	[Sp1Thick:TrailEdgeCorrection]		
	Sets output value [%] for paper transfer ampere trailing edge correction per printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / 100 / 5%/step]

2638	[Sp1Thick:SwitchTimingTrailEdge]		
	Sets switch timing for paper transfer ampere trailing edge correction per printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		

003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2643	**[Special2 Thick:Bias:BW]**		
	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **15** / 1-uA/step]

2647	**[Special2 Thick:Bias:FC]**		
	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **19** / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **21** / 1-uA/step]

2651	**[Special2Thick:PaperSizeCorr:BW]**		
	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 1%/step]

011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 1%/step]
2651	**[Special2Thick:PaperSizeCorr:BW]** Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 1%/step]

2652	**[Special2Thick:PaperSizeCorr:FC]** Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]

007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 1%/step]
2652	[Special2Thick:PaperSizeCorr:FC] Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 1%/step]

2653	**[Sp2Thick:PaperSizeEnvCorr:BW]**		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **70** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **72** / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **71** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **73** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **72** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **74** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **72** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **75** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **72** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **76** / 1/step]
2653	**[Sp2Thick:PaperSizeEnvCorr:BW]**		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **70** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **72** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **71** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **73** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **72** / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **74** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **72** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **75** / 1/step]

039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / **72** / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / **76** / 1/step]

2654	**[Sp2Thick:PaperSizeEnvCorr:FC]** Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **77** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **80** / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **81** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **82** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **83** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **84** / 1/step]
2654	**[Sp2Thick:PaperSizeEnvCorr:FC]** Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **77** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **80** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **81** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]

032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **82** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **83** / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / **84** / 1/step]

2655	[Sp2Thick:LeadingEdgeCorrection] Sets output value [%] for paper transfer ampere leading edge correction per printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / **100** / 5%/step]

2656	[Sp2Thick:SwitchTimingLeadEdge] Sets switch timing for paper transfer ampere leading edge correction per printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2657	[Sp2Thick:TrailEdgeCorrection] Sets output value [%] for paper transfer ampere trailing edge correction per printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:2side	*ENG	**[0 to 995 / 100 / 5%/step]**

2658	[Sp2Thick:SwitchTimingTrailEdge] Sets switch timing for paper transfer ampere trailing edge correction per printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		

003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2663	**[Special3 Thick:Bias:BW]**		
	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **15** / 1-uA/step]

2667	**[Special3 Thick:Bias:FC]**		
	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **19** / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **21** / 1-uA/step]

2671	**[Special3Thick:PaperSizeCorr:BW]**		
	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 5%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 5%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 5%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 5%/step]

011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 5%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 5%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 5%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 5%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 5%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 5%/step]
2671	**[Special3Thick:PaperSizeCorr:BW]** Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 5%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 5%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 5%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 5%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 5%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 5%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 5%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 5%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 5%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 5%/step]

2672	**[Special3Thick:PaperSizeCorr:FC]** Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 5%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 5%/step]

007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 5%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 5%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 5%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 5%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 5%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 5%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 5%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 5%/step]
2672	**[Special3Thick:PaperSizeCorr:FC]** Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 5%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 5%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 5%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 5%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 5%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 5%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 5%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 5%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 5%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 5%/step]

2673	[Sp3Thick:PaperSizeEnvCorr:BW]		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **70** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **72** / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **71** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **73** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **72** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **74** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **72** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **75** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **72** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **76** / 1/step]
2673	[Sp3Thick:PaperSizeEnvCorr:BW]		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **70** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **72** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **71** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **73** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **72** / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **74** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **72** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **75** / 1/step]

039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / **72** / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / **76** / 1/step]

2674	**[Sp3Thick:PaperSizeEnvCorr:FC]**		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **77** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **80** / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **81** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **82** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **83** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **84** / 1/step]
2674	**[Sp3Thick:PaperSizeEnvCorr:FC]**		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **77** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **80** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **81** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]

032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **82** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **83** / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / **84** / 1/step]

2675	**[Sp3Thick:LeadingEdgeCorrection]** Sets output value [%] for paper transfer ampere leading edge correction per printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / **100** / 5%/step]

2676	**[Sp3Thick:SwitchTimingLeadEdge]** Sets switch timing for paper transfer ampere leading edge correction per printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2677	**[Sp3Thick:TrailEdgeCorrection]** Sets output value [%] for paper transfer ampere trailing edge correction per printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / **100** / 5%/step]

2678	**[Sp3Thick:SwitchTimingTrailEdge]** Sets switch timing for paper transfer ampere trailing edge correction per printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		

003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2690	[ITB Contact Setting]		
001	Thick1	*ENG	[0 or 1 / **0** / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 1.		
002	Thick2	*ENG	[0 or 1 / **0** / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 2.		
003	Thick3	*ENG	[0 or 1 / **0** / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 3.		
004	Thick4	*ENG	[0 or 1 / **0** / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 4.		
014	Special1Thick1234	*ENG	[0 or 1 / **0** / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 1234 and special paper 1.		
015	Special2Thick1234	*ENG	[0 or 1 / **0** / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 1234 and special paper 2.		
016	Special3Thick1234	*ENG	[0 or 1 / **0** / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 1234 and special paper 3.		

2703	[Thick4:Bias:BW]
	Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides.

003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **11** / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **15** / 1-uA/step]

2707	[Thick4:Bias:FC]		
	Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **19** / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / **21** / 1-uA/step]

2711	[Thick4:SizeCorrection:BW]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 1%/step]

2711	[Thick4:SizeCorrection:BW]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **133** / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **167** / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **233** / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **267** / 1%/step]

2712	[Thick4:SizeCorrection:FC]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 1%/step]

2712	[Thick4:SizeCorrection:FC]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / **100** / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / **100** / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / **181** / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / **100** / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / **229** / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / **100** / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / **286** / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / **100** / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / **381** / 1%/step]

2713	[Thick4:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **70** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **72** / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **71** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **73** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **72** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **74** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **72** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **75** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **72** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **76** / 1/step]

2713	[Thick4:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **70** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **72** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **71** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **73** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **72** / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **74** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **72** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **75** / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / **72** / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / **76** / 1/step]

2714	[Thick4:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/ BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / **77** / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / **80** / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / **81** / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / **82** / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / **83** / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / **84** / 1/step]

2714	[Thick4:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / **77** / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / **80** / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / **78** / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / **81** / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / **79** / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / **82** / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / **79** / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / **83** / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / **79** / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / **84** / 1/step]

2715	[Thick4:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 995 / **100** / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / **100** / 5%/step]

2716	[Thick4:SwitchTimingLeadEdge]		
	Sets switch timing for paper transfer ampere leading edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2717	[Thick4:TrailEdgeCorrection]		
	Sets output value [%] for paper transfer ampere trailing edge correction per thickness / printing sides.		

| 003 | Paper Transfer:1side | *ENG | [0 to 995 / 100 / 5%/step] |
| 004 | Paper Transfer:2side | *ENG | [0 to 995 / 100 / 5%/step] |

2718	[Thick4:SwitchTimingTrailEdge]		
	Sets switch timing for paper transfer ampere trailing edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 50 / **0** / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / **0** / 2mm/step]

2901	[OPC Drum Brake Time]		
	Sets braking time when stopping drum (FC) motor.		
001	All	*ENG	[50 to 240000 / **50** / 10msec/step]

2902	[OPC Drum Reverse Time]		
001	All: BW	*ENG	[0 to 200 / **50** / 10msec/step]
	Sets reversing time when stopping drum (K) / image transfer motor.		
002	All: FC	*ENG	[0 to 200 / **50** / 10msec/step]
	Sets reversing time when stopping drum (FC) motor.		

2903	[Image Transfer Brake Time]		
	Sets braking time when stopping drum (K) / image transfer motor.		
003	All	*ENG	[50 to 240000 / **50** / 10msec/step]

2904	[Image Transfer Reverse Time]		
	No longer used due to hardware changes.		
003	All	*ENG	[0 to 200 / **40** / 10msec/step]

| 2905 | [Dev Rvs Time] | | |

003	K	ENG	[0 to 200 / **80** / 10msec/step]
	Reversing time of when Bk drum motor reversing; Stripes occurring when toner density is high can might be solved by setting value larger.		
004	Cl	ENG	[0 to 200 / **80** / 10msec/step]
	Reversing time of when FC develop motor reversing; Stripes occurring when toner density is high can might be solved by setting value larger.		
005	ALL	ENG	[0 to 400000 / **4000** / 10mm/step]
	Interval of rotation distance till develop unit goes in to reverse; Stripes occurring when toner density is high can might be solved by setting value smaller.		
006	K	*ENG	[0 to 4294967295 / **0** / 1mm/step]
	Counter total value for reverse decision.		
007	Cl	*ENG	[0 to 4294967295 / **0** / 1mm/step]
	Counter total value for reverse decision.		

2906	[Drum Stop Angle]		
	Displays drum stopping degree.		
001	Color	*ENG	[0 to 359 / **0** / 1deg/step]
002	Bk	*ENG	[0 to 359 / **0** / 1deg/step]

2907	[ACS Setting (FC to Bk)]		
	Sets Bk image continues pages threshold for ACS.		
001	Continuous Bk Pages	*ENG	[0 to 10 / **0** / 1sheet/step]

2908	[Motor Gain Adj.]
	Sets gain of drum transfer motor • 0: gain A_High gain B_High • 1: gain A_High gain B_Low • 2: gain A_Low gain B_High • 3: gain A_Low gain B_Low

2

001	OPCTransferM:256mm/sec	*ENG	[0 to 3 / 0 / 1/step]
002	OPCTransferMot:186mm/sec	*ENG	[0 to 3 / 2 / 1/step]
003	OPCTransferMot:146mm/sec	*ENG	[0 to 3 / 1 / 1/step]
004	OPCTransferM:108mm/sec	*ENG	[0 to 3 / 3 / 1/step]
005	OPCTransferM:73mm/sec	*ENG	[0 to 3 / 3 / 1/step]
2908	[Motor Gain Adj.] Sets gain of develop motor: Bk • 0: Low • 1:High		
010	BkDevM:256mm/sec	*ENG	[0 or 1 / 1 / 1/step]
011	BkDevM:186mm/sec	*ENG	[0 or 1 / 1 / 1/step]
012	BkDevM:108mm/sec	*ENG	[0 or 1 / 0 / 1/step]
013	BkDevM:73mm/sec	*ENG	[0 or 1 / 0 / 1/step]
2908	[Motor Gain Adj.] Sets gain of drum motor: FC • 0: Low • 1:High		
016	ColorOpcM:256mm/sec	*ENG	[0 or 1 / 1 / 1/step]
017	ColorOpcM:186mm/sec	*ENG	[0 or 1 / 1 / 1/step]
018	ColorOpcM:108mm/sec	*ENG	[0 or 1 / 0 / 1/step]
019	ColorOpcM:73mm/sec	*ENG	[0 or 1 / 0 / 1/step]
2908	[Motor Gain Adj.] Sets gain of develop motor: FC • 0: Low • 1:High		
020	ColorDevM:256mm/sec	*ENG	[0 or 1 / 1 / 1/step]
021	ColorDevM:186mm/sec	*ENG	[0 or 1 / 1 / 1/step]

022	ColorDevM:108mm/sec	*ENG	[0 or 1 / **0** / 1/step]
023	ColorDevM:73mm/sec	*ENG	[0 or 1 / **0** / 1/step]

2908	**[Motor Gain Adj.]**		
	Sets gain of fusing motor. • 0: Low • 1: High		
026	FusingM:256mm/sec	*ENG	[0 or 1 / **1** / 1/step]
027	FusingM:186mm/sec	*ENG	[0 or 1 / **1** / 1/step]
028	FusingM:146mm/sec	*ENG	[0 or 1 / **1** / 1/step]
029	FusingM:108mm/sec	*ENG	[0 or 1 / **0** / 1/step]
030	FusingM:73mm/sec	*ENG	[0 or 1 / **0** / 1/step]

2908	**[Motor Gain Adj.]**		
031	ColorOpcM:146mm/sec	*ENG	[0 or 1 / **1** / 1/step]
	Sets gain of drum motor: FC • 0: Low • 1:High		
032	ColorDevM:146mm/sec	*ENG	[0 or 1 / **1** / 1/step]
	Sets gain of develop motor: FC • 0: Low • 1:High		

2930	**[Transfer:Bias Limiter]**		
	Sets limiter voltage of image transfer output.		
001	Bias	*ENG	[0 to 7000 / **6000** / 10-V/step]

2960	**[Process Interval]**		
	Sets waiting time for till to switch to fall action after finish imaging.		
001	Additional Time	*ENG	[0 to 10 / **0** / 1sec/step]

2974	[Trans. Contact Fgate Timing: Y]		
	When a white horizontal stripe occurs on the first page leading edge within 10mm or so, the cause might be form having the image transfer bias ON. In that case, with add 100ms a step to this SP, problem will be solved. About from 100ms or more to 500ms will be the best.		
001	Fwait:Y std	*ENG	
002	Fwait:Y mid	*ENG	[0 to 3000 / **0** / 10msec/step]
003	Fwait:Y low	ENG	

2980	[LubricantApplication Operation]		
001	Lubricant Application Setting	*ENG	[0 to 300 / **100** / 10page/step]
	Decides whether to apply lubricant.		
002	Idle Time: BK	*ENG	[0 to 600 / **30** / 1sec/step]
	Operating time for applying lubricant for Bk (s)		
003	Idle Time: FC	*ENG	[0 to 600 / **30** / 1sec/step]
	Operating time for applying lubricant for FC (s)		

2990	[Print Duty Control]		
001	Duty Control State	*ENG	[0 or 1 / **0** / 1/step] 0: Non restricted 1: Restricted
	Displays current imaging Duty restrict status.		
002	Exec Interval: Duty Control	*ENG	[60 to 3600 / **60** / 10sec/step]
	Sets decision time interval for to decide whether to restrict imaging Duty.		
004	Forced CPM Down Thresh: No Duty Control	*ENG	[0 to 5000 / **0** / 1page/step]
	Sets force fall threshold for when imaging Duty is not restricted.		
005	Down-time_BW: No Duty Control	*ENG	[0 to 20000 / **0** / 10msec/step]
	Sets BW mode break time for when imaging Duty is not restricted.		

006	Down-time_FC: No Duty Control	*ENG	[0 to 20000 / **0** / 10msec/step]
	Sets FC mode break time for when imaging Duty is not restricted.		
007	Forced CPM Down Thresh: Duty Control	*ENG	[0 to 5000 / **20** / 1page/step]
	Sets force fall threshold for when imaging Duty is restricted.		
008	Down-time_BW: Duty Control	*ENG	[0 to 240000 / **25000** / 10msec/step]
	Sets BW mode break time for when imaging Duty is restricted.		
009	Down-time_FC: Duty Control	*ENG	[0 to 240000 / **25000** / 10msec/step]
	Sets FC mode break time for when imaging Duty is restricted.		
010	Ambient Temp Correction Coeff	*ENG	[-1.0 to 1.0 / **0.0** / 0.1/step]
	Sets coefficient for when correcting threshold of imaging Duty control with external temperature.		
011	Execution Temp. Threshold	*ENG	[20.0 to 70.0 / **D146: 42.0, D147: 42.0, D148: 39.0, D149: 39.0, D150: 39.0** / 0.1deg/step]
	Sets temperature threshold for to execute restricting imaging Duty. Does not execute when "0".		
012	Cancellation Temp. Threshold	*ENG	[0.1 to 20.0 / **0.1** / 0.1deg/step]
	Sets temperature threshold (differential value between imaging Duty restrict execution temperature) to call off imaging Duty restriction.		
013	ON/OFF Setting	*ENG	[0 or 1 / **1** / 1/step] 0: Not execute 1: Execute
	Sets whether to control imaging Duty.		
014	Duty Control_Down-time_BW	*ENG	[0 to 240000 / **0** / 10msec/step]
	Break time for BW mode of imaging Duty.		

015	Duty Control_Down-time_FC	*ENG	[0 to 240000 / 0 / 10msec/step]
	Break time for FC mode of imaging Duty.		

Main SP Tables-3

SP3-XXX (Process)

3011	[Manual ProCon :Exe]		
001	Normal ProCon	ENG	[0 or 1 / **0** / 1/step] [Execute]
	Executes Pro-Con.		
002	Density Adjustment	ENG	[0 or 1 / **0** / 1/step] [Execute]
	Executes toner density adjusting Pro-Con.		
003	ACC RunTime ProCon	ENG	[0 or 1 / **0** / 1/step] [Execute]
	Executes pre-ACC Pro-Con.		
004	Full MUSIC	ENG	[0 or 1 / **0** / 1/step] [Execute]
	Executes Pro-Con / full MUSIC.		
005	Normal MUSIC	ENG	[0 or 1 / **0** / 1/step] [Execute]
	Executes Pro-Con / normal MUSIC.		

3012	[ProCon OK?]		
	2 digits per color from left, in the order of YMCK ＊Refer to below for execution result content.		
001	History:Last(Front)	＊ENG	[0 to 99999999 / **0** / 1/step]
	Displays latest Pro-Con execution result.		
002	History:Last 2(Front)	＊ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for the time before last.		

003	History:Last 3(Front)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 3 times before.		
004	History:Last 4(Front)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 4 times before.		
005	History:Last 5(Front)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 5 times before.		
006	History:Last 6(Front)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 6 times before.		
007	History:Last 7(Front)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 7 times before.		
008	History:Last 8(Front)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 8 times before.		
009	History:Last 9(Front)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 9 times before.		
010	History:Last 10(Front)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 10 times before.		
011	History:Last(Center)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays latest Pro-Con execution result.		
012	History:Last 2(Center)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 2 times before.		
013	History:Last 3(Center)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 3 times before.		
014	History:Last 4(Center)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 4 times before.		
015	History:Last 5(Center)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 5 times before.		

016	History:Last 6(Center)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 6 times before.		
017	History:Last 7(Center)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 7 times before.		
018	History:Last 8(Center)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 8 times before.		
019	History:Last 9(Center)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 9 times before.		
020	History:Last 10(Center)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 10 times before.		
021	History:Last(Rear)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays latest Pro-Con execution result.		
022	History:Last 2(Rear)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for the time before last.		
023	History:Last 3(Rear)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 3 times before.		
024	History:Last 4(Rear)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 4 times before.		
025	History:Last 5(Rear)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 5 times before.		
026	History:Last 6(Rear)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 6 times before.		
027	History:Last 7(Rear)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 7 times before.		
028	History:Last 8(Rear)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 8 times before.		

029	History:Last 9(Rear)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 9 times before.		
030	History:Last 10(Rear)	*ENG	[0 to 99999999 / **0** / 1/step]
	Displays Pro-Con execution result for 10 times before.		

*SP3-012 Display result detail

Category	Code	Result name	Description
00 and lager	00	Not executed	Factory default setting(SP default)
10 and lager Result(Normal)	11	Succeed	-
20 and lager ID Sensor	21	ID Sensor Vsg adjust error	Out of range from Vsg=4.0±x.x[V/step]
	22	ID Sensor LED Adjust error	Ifsg>Max
	23	ID Sensor Output error(Positive reflect)	Vsg_reg<Min(Max)
	24	ID Sensor output error(Diffusion reflect)	Vsg_dif<Min(Max)
	25	ID Sensor offset Voltage error(Positive reflect)	Voffset_reg>Max
	26	ID Sensor offset Voltage error(Diffusion reflect)	Voffset_dif>Max

	45	ID Pattern extract error	Can not detect ID Pattern
	50	Vmin_Bk/K2 error(Max)	K:Vmin_Bk / CMY:K2>Max
	51	Vmin_Bk/K2 error(Min)	K:Vmin_Bk / CMY:K2<Min
	52	K5 error(Max)	K5>Max
	53	K5 error(Min)	K5<Min
45 and lager	54	K5 calculated approximate point error	K5 calculated approximate point <Min
ID Pattern detect	55	Develop gamma error(Max)	Develop gamma >Max
	56	Develop gamma error(Min)	Develop gamma <Min
	57	Start developing voltage:Vk error(Max)	Start developing voltage:Vk>Max
	58	Start developing voltage:Vk error(Min)	Start developing voltage:Vk<Min
	59	Not enough valid data	Adhesion amount data for develop gamma calculation point is under 2
	61	LD won't light	P patter is not written.
	62	Residual potential:Vr error	Vr>Max
60 and lager Potential adjust	63	Electrified potential:Vd adjust error	Vd can not be adjusted in target range.
	64	Exposure potential:Vpl adjust error	Vpl can not be adjusted in target range
90 and lager Result(End)	90	Potential not adjust	Potential control method is set as [0:FIX]
	99	Kill	Kill by door open, power off, error. (Set when execute.)

Note

- Execute result sample (In order of YMCK from left)

- Factory default(SP default):[00,00,00,00]

- Starting adjust:[99,99,99,99]

- Fail Vsg adjust(Y):[21,99,99,99]

- Error of Develop gamma Max(C):[99,99,55,99]

- Succeed:[11,11,11,11]

3014	[IBACC OK?]		
	Displays latest IBACC execution result.		
001	History:Last	*ENG	
002	History:Last 2	*ENG	
003	History:Last 3	*ENG	
004	History:Last 4	*ENG	
005	History:Last 5	*ENG	[0 to 9999 / 0 / 1/step]
006	History:Last 6	*ENG	
007	History:Last 7	*ENG	
008	History:Last 8	*ENG	
009	History:Last 9	*ENG	
010	History:Last 10	*ENG	

3030	[Init TD Sensor :Exe]		
001	Execute: ALL	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting for all colors.		
002	Execute: Col	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting only for chromatic 3 colors.		
003	Execute: K	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting for only (K).		

004	Execute: C	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting for only (C).		
005	Execute: M	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting for only (M).		
006	Execute: Y	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting for only (Y).		
020	Agitatiton Time	*ENG	[0 to 200 / **30** / 1sec/step]
	Sets developing powder stirring time for when TD sensor's setting is in initial.		
021	Initial TC	*ENG	[1.0 to 15.0 / **7.0** / 0.1wt%/step]
	Sets toner density for initial chemical.		
031	Vt Target:K	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Sets Vt target value (K) for when TD sensor's setting is in initial.		
032	Vt Target:C	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Sets Vt target value (C) for when TD sensor's setting is in initial.		
033	Vt Target:M	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Sets Vt target value (M) for when TD sensor's setting is in initial.		
034	Vt Target:Y	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Sets Vt target value (M) for when TD sensor's setting is in initial.		
041	Vt Target Corr:K	*ENG	[0.00 to 2.55 / **0.00** / 0.01V/step]
	Sets metachronic correcting amount (K) for when TD sensor's setting is in initial.		
042	Vt Target Corr:C	*ENG	[0.00 to 2.55 / **0.00** / 0.01V/step]
	Sets metachronic correcting amount (C) for when TD sensor's setting is in initial.		

043	Vt Target Corr:M	*ENG	[0.00 to 2.55 / **0.00** / 0.01V/step]
	Sets metachronic correcting amount (M) for when TD sensor's setting is in initial.		
044	Vt Target Corr:Y	*ENG	[0.00 to 2.55 / **0.00** / 0.01V/step]
	Sets metachronic correcting amount (Y) for when TD sensor's setting is in initial.		

3031	[TD Sens Init OK?]		
001	From Left:YMCK	ENG	[0 to 9999 / **0** / 1/step]
	Displays execution result of TD sensor initial setting.		

3050	[Force Tnr Supply :Exe]		
001	Execute: ALL	ENG	[0 or 1 / **0** / 1/step] [Execute]
	Forcedly supply toner (all colors)		
002	Execute: Col	ENG	[0 or 1 / **0** / 1/step] [Execute]
	Forcedly supply toner (only CMY)		
003	Execute: K	ENG	[0 or 1 / **0** / 1/step] [Execute]
	Forcedly supply toner (only K)		
004	Execute: C	ENG	[0 or 1 / **0** / 1/step] [Execute]
	Forcedly supply toner (only C)		
005	Execute: M	ENG	[0 or 1 / **0** / 1/step] [Execute]
	Forcedly supply toner (only M)		
006	Execute: Y	ENG	[0 or 1 / **0** / 1/step] [Execute]
	Forcedly supply toner (only Y)		

3050	[Force Tnr Supply :Exe]		
021	Supply Quantity:K	*ENG	[0.0 to 5.0 / **0.5** / 0.1wt%/step]
	Sets the amount [wt%/step] to supply toner (K) with Force toner supply.		
022	Supply Quantity:C	*ENG	[0.0 to 5.0 / **0.5** / 0.1wt%/step]
	Sets the amount [wt%/step] to supply toner (C) with Force toner supply.		
023	Supply Quantity:M	*ENG	[0.0 to 5.0 / **0.5** / 0.1wt%/step]
	Sets the amount [wt%/step] to supply toner (M) with Force toner supply.		
024	Supply Quantity:Y	*ENG	[0.0 to 5.0 / **0.5** / 0.1wt%/step]
	Sets the amount [wt%/step] to supply toner (Y) with Force toner supply.		
031	ON Time	*ENG	[10 to 1000 / **200** / 1msec/step]
	Sets supply ON time for 1time of force toner supplying process routine.		
032	OFF Time	*ENG	[0 to 1000 / **100** / 1msec/step]
	Sets supply OFF time for 1time of force toner supplying process routine.		
033	RepeatCount	*ENG	[0 to 255 / **8** / 1times/step]
	Sets repeating times for 1time of force toner supplying process routine.		

3072	[T Sensor: Check]		
	Executes testing mode to test TD sensor's output (Vt) without stating up the engine.		
001	Execute Check	ENG	[0 or 1 / **0** / 1/step] [Execute]

3073	[T Sensor Measurement Value:]		
	Displays output test value of TD sensor.		
001	Vt:K	*ENG	
002	Vt:C	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
003	Vt:M	*ENG	
004	Vt:Y	*ENG	

3100	[Tonner End Detection: Set]		
001	ON/OFF	*ENG	[0 or 1 / **0** / 1/step]
	Whether to decide NE/TE. 0: Enable 1: Disable		
002	NE Detection	*ENG	[0 or 1 / **0** / 1/step]
	NE decision method. 0: Counter & Toner End Sensor 1: Toner End Sensor Only		

3101	[Toner Status :Disp]		
	Displays remaining toner.		
001	K	ENG	[0 to 10 / **10** / 1/step]
002	C	ENG	10: Full
003	M	ENG	1: Near end
004	Y	ENG	0: Toner end

3102	[Toner Remain:Disp]		
	Remaining toner calculated form motor running time.		
001	Bottle Motor: Bk	*ENG	[0.000 to 700.000 / **560.000** / 0.001g]
002	Bottle Motor: C	*ENG	[0.000 to 700.000 / **440.000** / 0.001g]
003	Bottle Motor: M	*ENG	
004	Bottle Motor: Y	*ENG	
3102	[Toner Remain:Disp]		
	Remaining toner calculated from imaging size.		
011	Pixel: Bk	*ENG	[0.000 to 700.000 / **560.000** / 0.001g]

	012	Pixel: C	*ENG	[0.000 to 700.000 / **440.000** / 0.001g]
	013	Pixel: M	*ENG	
	014	Pixel: Y	*ENG	
3102		[Toner Remaining: Display]		
		Filler content of new bottle.		
	021	Fill Amount: Bk	*ENG	[0 to 600 / **560** / 1g/step]
	022	Fill Amount: C	*ENG	[0 to 600 / **440** / 1g/step]
	023	Fill Amount: M	*ENG	
	024	Fill Amount: Y	*ENG	
3102		[Toner Remain:Disp]		
		Consumption amount of toner.		
	031	Pixel: Toner Consumption x 2: C	*ENG	[0.000 to 1000.000 / **0.000** / 0.001g]
	032	Pixel: Toner Consumption x 2: Bk	*ENG	
	033	Pixel: Toner Consumption x 2: M	*ENG	
	034	Pixel: Toner Consumption x 2: Y	*ENG	
	041	Drive Motor: Toner Consumption x 1: Bk	*ENG	
	042	Drive Motor: Toner Consumption x 1: C	*ENG	
	043	Drive Motor: Toner Consumption x 1: M	*ENG	
	044	Drive Motor: Toner Consumption x 1: Y	*ENG	

| 3103 | [Bottle Off Time] |
| | - |

001	Bk	*ENG	
002	C	*ENG	[0 to 4294967295 / 0 / 1/step]
003	M	*ENG	
004	Y	*ENG	

3104	[Flag: Display]		
	Sets flag when replacing toner bottle.		
001	NE Toner: Bk	*ENG	
002	NE Toner: C	*ENG	[0 or 1 / **0** / 1/step]
003	NE Toner: M	*ENG	
004	NE Toner: Y	*ENG	
3104	[Flag: Display]		
	Sets Flag when Vt ends.		
011	Vt end:Bk	*ENG	
012	Vt end:C	*ENG	[0 or 1 / **0** / 1/step]
013	Vt end:M	*ENG	
014	Vt end:Y	*ENG	

3110	[Near End Thresh]		
	-		
001	Bk	*ENG	[0 to 500 / **65** / 1g/step]
002	C	*ENG	
003	M	*ENG	[0 to 500 / **45** / 1g/step]
004	Y	*ENG	

3111	[Pixel NE: M/A]		
	-		

001	Bk	*ENG	[0 to 1000 / **411** / 0.001mg/cm2/ step]
002	C	*ENG	[0 to 1000 / **444** / 0.001mg/cm2/ step]
003	M	*ENG	[0 to 1000 / **500** / 0.001mg/cm2/ step]
004	Y	*ENG	[0 to 1000 / **444** / 0.001mg/cm2/ step]

3120	[TE Sn Detect Thresh]		
	-		
001	Bk	*ENG	
002	C	*ENG	[0 to 100 / **50** / 1%/step]
003	M	*ENG	
004	Y	*ENG	

3121	[TE Counter: Disp]		
	No toner decision times from end sensor.		
001	Bk	*ENG	
002	C	*ENG	[0 to 99 / **0** / 1times/step]
003	M	*ENG	
004	Y	*ENG	

3122	[TE Sn NE Thresh]		
	-		
001	Bk	*ENG	
002	C	*ENG	[0 to 99 / **80** / 1times/step]
003	M	*ENG	
004	Y	*ENG	

3131	[Vt TE Thresh]		
001	Delta Vt Thresh	*ENG	[0.00 to 5.00 / **0.50** / 0.01V/step]
	Threshold to start adding delta Vt after NE.		
002	Delta Vt Sum Thresh	*ENG	[0 to 99 / **10** / 1V/step]
	Threshold to decide TE after NE.		
011	Delta Vt Thresh BF NE	*ENG	[0.00 to 5.00 / **0.50** / 0.01V/step]
	Threshold to start adding delta Vt before NE.		
012	Delta Vt Sum Thresh BF NE	*ENG	[0 to 99 / **10** / 1V/step]
	Threshold to decide TE before NE.		

3132	[Delta Vt Sum]		
	Added value of delta Vt.		
001	Bk	*ENG	
002	C	*ENG	[0.00 to 99.00 / **0.00** / 0.01V/step]
003	M	*ENG	
004	Y	*ENG	

3133	[TE Detect :Set]		
001	Set Sheets(Min)	*ENG	[0 to 50 / **10** / 1sheet/step]
	Sets min. assured sheets to display toner end after toner near end is fixed.		
002	Set Sheets(Max)	*ENG	[0 to 5000 / **1000** / 1sheet/step]
	Sets max. assured sheets to display toner end after toner near end is fixed.		
3133	[TE Detect :Set]		
	Displays the amount of sheets printed after toner near end is fixed.		

011	Page Cnt:K	*ENG	
012	Page Cnt:C	*ENG	[0 to 5000 / **0** / 1sheet/step]
013	Page Cnt:M	*ENG	
014	Page Cnt:Y	*ENG	

3133	[TE Detect :Set]		
	Sets dimension (cm2) in terms of blotted out A4 sized sheet to decide as toner end after near toner end is fixed.		
021	Set Pxl Cnt	*ENG	[0 to 1000000 / **7000** / 1cm2/step]

3133	[TE Detect :Set]		
	Displays the amount used with dimension (cm2) in terms of blotted out.		
031	Pxl Cnt:K	*ENG	
032	Pxl Cnt:C	*ENG	[0 to 1000000 / **0** / 1cm2/step]
033	Pxl Cnt:M	*ENG	
034	Pxl Cnt:Y	*ENG	

3150	[TE Sensor :Set]		
001	SamplingCount	*ENG	[4 to 20 / **10** / 1counts/step]
	Sets arrangement size of TE sensor.		
002	Judge:p	*ENG	[0.2 to 1.0 / **0.8** / 0.1/step]
	Sets threshold for to decide toner existing..		

3150	[T TE Sensor :Set]		
	Percentage for "No remaining toner" of storing arrangement.		
003	result:K	*ENG	
004	result:C	*ENG	[0.0 to 0.1 / **0.5** / 0.1/step]
005	result:M	*ENG	
006	result:Y	*ENG	

2

3160	[Bottle Drive :Set]		
	Select bottle driving method.		
001	Bottle Drive System	*ENG	[0 or 1 / **0** / 1/step] 0: TE Sensor Control 1: TonerSupplyMotor Track Control

3161	[Bottle Drive :Set]		
	-		
001	Drive ON Time:K		
002	Drive ON Time:C		[0 to 2000 / **900** / 100msec/step]
003	Drive ON Time:M		
004	Drive ON Time:Y		

3162	[Bottle Drive :Set]		
	-		
001	Drive OFF Time:K		
002	Drive OFF Time:C		[0 to 5000 / **100** / 100msec/step]
003	Drive OFF Time:M		
004	Drive OFF Time:Y		

3165	[Hopper Drive :Set]		
	-		
001	Speed Adjustment:K		[-58 to 50 / **18** / 1%/step]
002	Speed Adjustment:C		
003	Speed Adjustment:M		[-58 to 50 / **40** / 1%/step]
004	Speed Adjustment:Y		[-58 to 50 / **18** / 1%/step]

3200	[TnrDensity]			
	Displays toner density (wt%).			
	001	K	*ENG	[0 to 25.5 / **0** / 0.1 wt%/step]
	002	C	*ENG	
	003	M	*ENG	
	004	Y	*ENG	

3201	[TnrDensity]			
	Sets min./max. density (wt%) for toner density controlling range.			
	001	Upper TC	*ENG	[1.0 to 15.0 / **9.0** / 0.1wt%/step]
	002	Lower TC	*ENG	[1.0 to 15.0 / **2.0** / 0.1wt%/step]

3205	[TD.Sens Sensitivity]			
	Displays TD sensor sensitivity HL calculated from test value of HST density control (SP3-711 to 714-***)			
	001	HL:K	*ENG	[0.200 to 1.000 / **0.350** / 0.001-V/ wt%/step]
	002	HL:C	*ENG	
	003	HL:M	*ENG	
	004	HL:Y	*ENG	
3205	[TD.Sens Sensitivity]			
	Displays TD sensor sensitivity HM calculated from test value of HST density control (SP3-711 to 714-***)			
	011	HM:K	*ENG	[0.200 to 1.000 / **0.350** / 0.001-V/ wt%/step]
	012	HM:C	*ENG	
	013	HM:M	*ENG	
	014	HM:Y	*ENG	

2

3205	[TD.Sens Sensitivity]		
	Displays TD sensor sensitivity ML calculated from test value of HST density control (SP3-711 to 714-***)		
021	ML:K	*ENG	[0.200 to 1.000 / **0.350** / 0.001-V/ wt%/step]
022	ML:C	*ENG	
023	ML:M	*ENG	
024	ML:Y	*ENG	

3205	[TD.Sens Sensitivity]		
031	Upper Limit	*ENG	[0.200 to 0.500 / **0.440** / 0.001-V/ wt%/step]
	Sets max. sensitivity for to calculate TD sensor sensitivity.		
032	Lower Limit	*ENG	[0.150 to 0.500 / **0.180** / 0.001-V/ wt%/step]
	Sets min. sensitivity for to calculate TD sensor sensitivity.		
033	TC Between H-M:K	*ENG	[1.00 to 10.00 / **4.50** / 0.01wt%
	Sets HM interval as TC of K for to calculate TD sensor sensitivity.		
034	TC Between M-L:K	*ENG	[1.00 to 10.00 / **4.40** / 0.01wt%
	Sets ML interval as TC of K for to calculate TD sensor sensitivity.		
043	TC Between H-M:Col	*ENG	[1.00 to 10.00 / **4.20** / 0.01wt%
	Sets HM interval as TC of CMY for to calculate TD sensor sensitivity.		
044	TC Between H-M:Col	*ENG	[1.00 to 10.00 / **4.40** / 0.01wt%
	Sets ML interval as TC of CMY for to calculate TD sensor sensitivity.		

3210	[TD.Sens:Vt :Disp]
	Displays latest T sensor output.

001	Current: K	*ENG	
002	Current: C	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
003	Current: M	*ENG	
004	Current: Y	*ENG	

3211	[Vt Limits Err :Disp]		
002	Upper Threshold	*ENG	[0.00 to 5.00 / **4.70** / 0.01V/step]
	Sets Vt upper limit threshold to decide as Vt upper limit error.		
003	Thresh Num of UpperCounter	*ENG	[0 to 255 / **20** / 1times/step]
	Sets the number of times excessing Vt upper limit to set off SC360 to 363 (Vt upper limit error).		
004	Lower Threshold	*ENG	[0.00 to 5.00 / **0.50** / 0.01V/step]
	Sets Vt upper limit threshold to decide as Vt lower limit error.		
005	Threshold Num of LowerCounter	*ENG	[0 to 255 / **10** / 1times/step]
	Sets the number of times excessing Vt lower limit to set off SC365 to 363 (Vt upper limit error).		
3211	[Vt Limits Err :Disp]		
	Counts times of Vt(K/C/M/Y) excessing Vt upper limit threshol		
011	Upper Counter: Bk	*ENG	
012	Upper Counter: C	*ENG	[0 to 255 / **0** / 1times/step]
013	Upper Counter: M	*ENG	
014	Upper Counter: Y	*ENG	
3211	[Vt Limits Err :Disp]		
	Counts times of Vt(K/C/M/Y) excessing Vt lower limit threshold.		

021	Lower Counter: Bk	*ENG	
022	Lower Counter: C	*ENG	[0 to 255 / **0** / 1times/step]
023	Lower Counter: M	*ENG	
024	Lower Counter: Y	*ENG	

3212	**[Vt Shift :Set]**		
	Sets middle speed correction amount for correcting Vt shift caused by line speed.		
001	Mid Spd:K	*ENG	[0.00 to 2.55 / **D146, D147: 8 D148: 0 D149, D150: 3** / 0.01V/step]
002	Mid Spd:C	*ENG	
003	Mid Spd:M	*ENG	[0.00 to 2.55 / **0.07** / 0.01V/step]
004	Mid Spd:Y	*ENG	

3212	**[Vt Shift :Set]**		
	Sets low speed correction amount for correcting Vt shift caused by line speed.		
011	Low Spd:K	*ENG	
012	Low Spd:C	*ENG	[0.00 to 2.55 / **0.14** / 0.01V/step]
013	Low Spd:M	*ENG	
014	Low Spd:Y	*ENG	

3212	**[Vt Shift :Set]**		
	Sets ON/OFF TC correction amount of Vt shift.		
101	ON/OFF	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1:ON

3212	**[Vt Shift :Set]**		
	Displays TC correction amount of Vt shift.		

111	TC Mid Spd:K	*ENG	
112	TC Mid Spd:C	*ENG	
113	TC Mid Spd:M	*ENG	
114	TC Mid Spd:Y	*ENG	[-0.50 to 0.50 / **0.00** / 0.01V/step]
121	TC Low Spd:K	*ENG	
122	TC Low Spd:C	*ENG	
123	TC Low Spd:M	*ENG	
124	TC Low Spd:Y	*ENG	

3214	[Vt Save :Set]		
	Saves Vt based to image area ratio.		
001	Coverage Thresh	*ENG	[0 to 100 / **20** / 1%/step]

3218	[Vt Err Flag :Disp]		
001	UppErr Flag: K	*ENG	[0 or 1 / **0** / 1/step]
	Sets flag "1" when Vt(K) excesses Vt upper limit error threshold (SP3-221-002) even 1 time.		
002	UppErr Flag: C	*ENG	[0 or 1 / **0** / 1/step]
	Sets flag "1" when Vt(C) excesses Vt upper limit error threshold (SP3-221-002) even 1 time.		
003	UppErr Flag: M	*ENG	[0 or 1 / **0** / 1/step]
	Sets flag "1" when Vt(M) excesses Vt upper limit error threshold (SP3-221-002) even 1 time.		
004	UppErr Flag: Y	*ENG	[0 or 1 / **0** / 1/step]
	Sets flag "1" when Vt(Y) excesses Vt upper limit error threshold (SP3-221-002) even 1 time.		
011	LowErr Flag: K	*ENG	[0 or 1 / **0** / 1/step]
	Sets flag "1" when Vt(K) excesses Vt lower limit error threshold (SP3-221-004) even 1 time.		

012	LowErr Flag: C	*ENG	[0 or 1 / **0** / 1/step]
	Sets flag "1" when Vt(C) excesses Vt lower limit error threshold (SP3-221-004) even 1 time.		
013	LowErr Flag: M	*ENG	[0 or 1 / **0** / 1/step]
	Sets flag "1" when Vt(M) excesses Vt lower limit error threshold (SP3-221-004) even 1 time.		
014	LowErr Flag: Y	*ENG	[0 or 1 / **0** / 1/step]
	Sets flag "1" when Vt(Y) excesses Vt lower limit error threshold (SP3-221-004) even 1 time.		

3219	[TD.Sens:Vt':Disp]		
	Displays Vt before Vt shift correction.		
001	Vt'0Current: K	ENG	
002	Vt'0Current: C	ENG	
003	Vt'0Current: M	ENG	
004	Vt'0Current: Y	ENG	
011	Vt'1Current: K	ENG	
012	Vt'1Current: C	ENG	
013	Vt'1Current: M	ENG	[0.00 to 5.00 / **0.00** / 0.01V/step]
014	Vt'1Current: Y	ENG	
021	Vt'2Current: K	ENG	
022	Vt'2Current: C	ENG	
023	Vt'2Current: M	ENG	
024	Vt'2Current: Y	ENG	

3220	[Vtcnt :Disp/Set]		
001	Current: K	*ENG	[2.00 to 5.00 / **3.60** / 0.01V/step]
	Displays/Sets Current TD Sensor Control Voltage (K).		

002	Current: C	*ENG	[2.00 to 5.00 / **3.75** / 0.01V/step]
	Displays/Sets Current TD Sensor Control Voltage (C).		
003	Current: M	*ENG	[2.00 to 5.00 / **3.75** / 0.01V/step]
	Displays/Sets Current TD Sensor Control Voltage (M).		
004	Current: Y	*ENG	[2.00 to 5.00 / **3.75** / 0.01V/step]
	Displays/Sets Current TD Sensor Control Voltage (Y).		
011	Initial: K	*ENG	[2.00 to 5.00 / **3.60** / 0.01V/step]
	Displays control voltage of TD sensor when default setting TD sensor.		
012	Initial: C	*ENG	[2.00 to 5.00 / **3.75** / 0.01V/step]
	Displays control voltage of TD sensor when default setting TD sensor.		
013	Initial: M	*ENG	[2.00 to 5.00 / **3.75** / 0.01V/step]
	Displays control voltage of TD sensor when default setting TD sensor.		
014	Initial: Y	*ENG	[2.00 to 5.00 / **3.75** / 0.01V/step]
	Displays control voltage of TD sensor when default setting TD sensor.		

3230	[Vtref :Disp/Set]		
001	Current: K	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Displays / Sets current target value of TD sensor's output voltage: Vtref (K).		
002	Current: C	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Displays / Sets current target value of TD sensor's output voltage: Vtref (C).		
003	Current: M	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Displays / Sets current target value of TD sensor's output voltage: Vtref (M).		
004	Current: Y	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Displays / Sets current target value of TD sensor's output voltage: Vtref (Y).		

011	Initial: K	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Displays target value of TD sensor's (K) output voltage when executing TD sensor initial setting.		
012	Initial: C	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Displays target value of TD sensor's (C) output voltage when executing TD sensor initial setting.		
013	Initial: M	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Displays target value of TD sensor's (M) output voltage when executing TD sensor initial setting.		
014	Initial: Y	*ENG	[0.00 to 5.00 / **2.50** / 0.01V/step]
	Displays target value of TD sensor's (Y) output voltage when executing TD sensor initial setting.		
3230	[Vtref :Disp/Set]		
	Displays pixel correction amount of Vtref correction by image area.		
021	Pixel Correction: K	*ENG	
022	Pixel Correction: C	*ENG	[-5.00 to 5.50 / **0.00** / 0.01V/step]
023	Pixel Correction: M	*ENG	
024	Pixel Correction: Y	*ENG	

3231	[Vtref Limits :Set]		
001	Upper:K	*ENG	[0.00 to 5.00 / **4.00** / 0.01V/step]
	Sets upper limit for target value of TD sensor's output voltage: Vtref (K).		
002	Upper:C	*ENG	[0.00 to 5.00 / **4.00** / 0.01V/step]
	Sets upper limit for target value of TD sensor's output voltage: Vtref (C).		
003	Upper:M	*ENG	[0.00 to 5.00 / **4.00** / 0.01V/step]
	Sets upper limit for target value of TD sensor's output voltage: Vtref (M).		
004	Upper:Y	*ENG	[0.00 to 5.00 / **4.00** / 0.01V/step]
	Sets upper limit for target value of TD sensor's output voltage: Vtref (Y).		

011	Lower:K	*ENG	[0.00 to 5.00 / **2.00** / 0.01V/step]
	Sets lower limit for target value of TD sensor's output voltage: Vtref (K).		
012	Lower:C	*ENG	[0.00 to 5.00 / **2.00** / 0.01V/step]
	Sets lower limit for target value of TD sensor's output voltage: Vtref (C).		
013	Lower:M	*ENG	[0.00 to 5.00 / **2.00** / 0.01V/step]
	Sets lower limit for target value of TD sensor's output voltage: Vtref (M).		
014	Lower:Y	*ENG	[0.00 to 5.00 / **2.00** / 0.01V/step]
	Sets lower limit for target value of TD sensor's output voltage: Vtref (Y).		

3232	[Vtref Correct:Pixel]		
001	ON/OFF	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Switches ON/OFF pixel Vtref correction.		
3232	[Vtref Correct:Pixel] Sets coefficient to decide Vtref correction value of Vtref correction by image area. Vtref correction value: SP3-222-009 to 012 = calculated Vtref correction value small area coefficient (This SP) How to use this SP: Vtref correction by image area.		
011	Low Coverage Coef:K	*ENG	[0.0 to 5.0 / **1.0** / 0.1/step]
012	Low Coverage Coef:C	*ENG	
013	Low Coverage Coef:M	*ENG	
014	Low Coverage Coef:Y	*ENG	
3232	[Vtref Correct:Pixel] Sets coefficient to decide Vtref correction value of Vtref correction by image area. Vtref correction value: SP3-222-009 to 012 = calculated Vtref correction value large area coefficient (This SP) How to use this SP: Vtref correction by image area.		

021	High Coverage Coeff:K	*ENG	[0.0 to 5.0 / **0.5** / 0.1/step]
022	High Coverage Coeff:C	*ENG	
023	High Coverage Coeff:M	*ENG	
024	High Coverage Coeff:Y	*ENG	
3232	[Vtref Correct:Pixel]		
040	Initial ProCon Thresh	*ENG	[0 to 255 / **100** / 1times/step]
	Executes Pro-Con by setting a Pro-Con flag when image area cumulative average M (SP3-224-009 to 012) is larger than the specified value and then so deciding that large area images are continuing. When large area images are continuing, specified		
041	High Coverage Thresh:H	*ENG	[0 to 100 / **100** / 1%/step]
	How to use this SP: Refer to this SP when printing large area images. When image area accumulate average M (SP3-224-009 to 012) is larger than this SP, judges that high area images are continuing, then set Pro-Con flag and,		
050	ProCon Thresh	*ENG	[0 to 255 / **100** / 1times/step]
	Executes Pro-Con by setting a Pro-Con flag when image area total average M (SP3-224-009 to 012) is larger than the specified value and then so deciding that large area images are continuing. When large area images are continuing, specified		
060	Low Coverage Thresh	*ENG	[0.0 to 20.0 / **3.0** / 0.1%/step]
	How to use this SP: Refer to this SP when printing small area images. When image area accumulate average L (SP3-224-013 to 016) is less than this SP, judges that low high area images are continuing, then temporarily dis		
3232	[Vtref Correct:Pixel]		
	Switches to a mode able to call off Vtref lower limit (Upper limit of TC) by deciding small area images are continuing when image area cumulative average L (SP3-224-013 to 016) is small. This SP		
070	TC Upper Limit Correction	*ENG	[0.0 to 5.0 / **0.5** / 0.1wt%/step]

071	TC Upper Limit:Display:Bk	*ENG	
072	TC Upper Limit:Display:C	*ENG	[1.0 to 15.0 / **8.5** / 0.1wt%/step]
073	TC Upper Limit:Display:M	*ENG	
074	TC Upper Limit:Display:Y	*ENG	

3233	[RTP Vtref Corr :Disp/Set]		
001	ON/OFF	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Controls ON/OFF the Vtref correction done based on RTP pattern deposit amount during print.		
3233	[RTP Vtref Corr :Disp/Set]		
	Sets Vtref correction value (K/C/M/Y) when RTP pattern deposit amount goes over deposit amount threshold (upper/lower limit).		
011	Corr Amt(+):K	*ENG	
012	Corr Amt(+):C	*ENG	
013	Corr Amt(+):M	*ENG	
014	Corr Amt(+):Y	*ENG	[0.00 to 1.00 / **0.03** / 0.01V/step]
021	Corr Amt(-):K	*ENG	
022	Corr Amt(-):C	*ENG	
023	Corr Amt(-):M	*ENG	
024	Corr Amt(-):Y	*ENG	
3233	[RTP Vtref Corr :Disp/Set]		
	Sets upper/lower limit threshold (K/C/M/Y) of RTP deposit amount.		
031	Corr Thresh:K	*ENG	[0.000 to 0.100 / **0.005** / 0.001mg/cm2/step]

032	Corr Thresh:C	*ENG	[0.000 to 0.100 / **0.010** / 0.001mg/cm2/step]
033	Corr Thresh:M	*ENG	
034	Corr Thresh:Y	*ENG	
3233	**[RTP Vtref Corr :Disp/Set]**		
041	Vtavg Weight Coeff (H)	*ENG	[0 to 100 / **30** / 1%/step]
	Sets the weight of Vtavg and Vtref used for Vtref Correction Standard Value when Paper Interval Adhesion Amount exceeds Adhesion Amount Threshold (Upper Limit).		
051	Vtavg Weight Coeff (M)	*ENG	[0 to 100 / **0** / 1%/step]
	Sets the weight of Vtavg and Vtref used for Vtref Correction Standard Value when Paper Interval Adhesion Amount exceeds Adhesion Amount Threshold (Lower Limit).		
061	Vtavg Weight Coeff (L)	*ENG	[0 to 100 / **5** / 1%/step]
	Sets the weight of Vtavg and Vtref used for Vtref Correction Standard Value when Paper Interval Adhesion Amount exceeds Adhesion Amount Threshold (Lower Limit).		

3234	**[Vtref Corr :Disp/Set]**		
001	ON/OFF	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Controls ON/OFF Vtref correction of electric potential control.		
3234	**[Vtref Corr :Disp/Set]**		
	Set when controlling to keep toner density low with electric potential based on develop gamma. Means Vtref correction (+) side correction amount.		
011	Corr Amt(+):K	*ENG	[0.00 to 1.00 / **0.00** / 0.01V/step]
012	Corr Amt(+):C	*ENG	
013	Corr Amt(+):M	*ENG	
014	Corr Amt(+):Y	*ENG	

3234	[Vtref Corr :Disp/Set]		
	Set when controlling to keep toner density low with electric potential based on develop gamma. Means Vtref correction (-) side correction amount.		
021	Corr Amt(-):K	*ENG	
022	Corr Amt(-):C	*ENG	[0.00 to 1.00 / **0.00** / 0.01V/step]
023	Corr Amt(-):M	*ENG	
024	Corr Amt(-):Y	*ENG	

3234	[Vtref Corr :Disp/Set]		
031	P Rank 1 Threshold	*ENG	[0.00 to 2.00 / **0.15** / 0.01/step]
	Meaning the threshold for P_Rank decision formula below, to decide develop gamma is "High" or "Little High" then the develop gamma target value and develop gamma detection value's diff (delta gamma) among the Vtref correct execution conditions. (Unit:		
032	P Rank 2 Threshold	*ENG	[0.00 to 2.00 / **0.05** / 0.01/step]
	Meaning the threshold for P_Rank decision formula below, to decide develop gamma is "Little High" or "Fair" then the develop gamma target value and develop gamma detection value's diff (delta gamma) among the Vtref correct execution conditions. (Unit:		
033	P Rank 3 Threshold	*ENG	[-2.00 to 0.00 / **-0.05** / 0.01/step]
	Meaning the threshold for P_Rank decision formula below, to decide develop gamma is "Little Low" or "Fair" then the develop gamma target value and develop gamma detection value's diff (delta gamma) among the Vtref correct execution conditions. (Unit:		
034	P Rank 4 Threshold	*ENG	[-2.00 to 0.00 / **-0.15** / 0.01/step]
	Meaning the threshold for P_Rank decision formula below, to decide develop gamma is "Low" or "Little Low" then the develop gamma target value and develop gamma detection value's diff (delta gamma) among the Vtref correct execution conditions. (Unit:		
041	T Rank 1 Threshold	*ENG	[-1.00 to 0.00 / **-0.20** / 0.01V/step]
	Threshold to decide toner density as "Deep" or "Fair" by Vt and Vtref's diff (delta Vt) among the Vtref correct execution conditions.		

042	T Rank 2 Threshold	*ENG	[0.00 to 1.00 / **0.20** / 0.01V/step]
	Threshold to decide toner density as "Thin" or "Fair" by Vt and Vtref's diff (delta Vt) among the Vtref correct execution conditions.		
050	Correction Coefficient	*ENG	[1.0 to 5.0 / **2.0** / 0.1/step]
	Sets correction coefficient for Vtref correction amount.		

3250	[ImgArea :Disp]		
	Displays image area for the latest page.		
001	ImgArea:K	*ENG	
002	ImgArea:C	*ENG	[0 to 9999 / **0** / 1cm2/step]
003	ImgArea:M	*ENG	
004	ImgArea:Y	*ENG	

3251	[DotCoverage :Disp]		
001	DotCoverage:K	*ENG	[0.00 to 100.00 / **0.00** / 0.01%/step]
	Displays image area rate (K) for the latest page.		
002	DotCoverage:C	*ENG	[0.00 to 100.00 / **0.00** / 0.01%/step]
	Displays image area rate (C) for the latest page.		
003	DotCoverage:M	*ENG	[0.00 to 100.00 / **0.00** / 0.01%/step]
	Displays image area rate (M) for the latest page.		
004	DotCoverage:Y	*ENG	[0.00 to 100.00 / **0.00** / 0.01%/step]
	Displays image area rate (Y) for the latest page.		
011	DC Avg.:S:K	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: S (K)		
012	DC Avg.:S:C	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: S (C)		

013	DC Avg.:S:M	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: S (M)		
014	DC Avg.:S:Y	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: S (Y)		
021	DC Avg.:M:K	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: M (K)		
022	DC Avg.:M:C	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: M (C)		
023	DC Avg.:M:M	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: M (M)		
024	DC Avg.:M:Y	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: M (Y)		
031	DC Avg.:L:K	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: L (K)		
032	DC Avg.:L:C	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: L (C)		
033	DC Avg.:L:M	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: L (M)		
034	DC Avg.:L:Y	*ENG	[0.00 to 100.00 / **5.00** / 0.01%/step]
	Displays image area rate cumulative average: L (Y)		
041	TotalPage:S:Set	*ENG	[1 to 255 / **10** / 1sheet/step]
	Sets cumulative sheets: S		
042	TotalPage:M:Set	*ENG	[1 to 500 / **10** / 1sheet/step]
	Sets cumulative sheets: M		
043	TotalPage:L:Set	*ENG	[1 to 999 / **50** / 1sheet/step]
	Sets cumulative sheets: L		

051	TotalPage:S:Set	*ENG	[1 to 255 / **20** / 1sheet/step]
	Sets cumulative sheets: S		
052	TotalPage:M:Set	*ENG	[1 to 500 / **10** / 1sheet/step]
	Sets cumulative sheets: M		
053	TotalPage:S:Set	*ENG	[1 to 999 / **50** / 1sheet/step]
	Sets cumulative sheets: L		

3252	[AccumImgArea :Disp]		
	Displays cumulative image area.		
001	ImgArea:K	*ENG	
002	ImgArea:C	*ENG	[0 to 65535 / **0** / 1cm^2/step]
003	ImgArea:M	*ENG	
004	ImgArea:Y	*ENG	

3260	[Temperature/Humidity: Display]		
001	Temperature	ENG	[-5.0 to 45.0 / **0.0** / 0.1deg]
	Displays temperature of environment sensor output.		
002	Relative Humidity	ENG	[0.0 to 100.0 / **0.0** / 0.1%RH/step]
	Displays relative humidity of environment sensor output.		
003	Absolute Humidity	ENG	[0.00 to 100.00 / **0.00** / 0.01g/m3/ step]
	Displays absolute humidity of environment sensor output.		

3300	[RTP Pattern :Disp]		
001	M/A(Latest):K	*ENG	[0.000 to 1.000 / **0.000** / 0.001mg/ cm2/step]
	Displays latest RTP pattern sensor's deposit amount (K).		

002	M/A(Latest):C	*ENG	[0.000 to 1.000 / **0.000** / 0.001mg/cm2/step]
	Displays latest RTP pattern sensor's deposit amount (C).		
003	M/A(Latest):M	*ENG	[0.000 to 1.000 / **0.000** / 0.001mg/cm2/step]
	Displays latest RTP pattern sensor's deposit amount (M).		
004	M/A(Latest):Y	*ENG	[0.000 to 1.000 / **0.000** / 0.001mg/cm2/step]
	Displays latest RTP pattern sensor's deposit amount (Y).		
011	M/A(Target):K	*ENG	[0.000 to 1.000 / **0.220** / 0.001mg/cm2/step]
	Displays RTP pattern sensor's depositing target amount (K).		
012	M/A(Target):C	*ENG	[0.000 to 1.000 / **0.400** / 0.001mg/cm2/step]
	Displays RTP pattern sensor's depositing target amount (C).		
013	M/A(Target):M	*ENG	[0.000 to 1.000 / **0.450** / 0.001mg/cm2/step]
	Displays RTP pattern sensor's depositing target amount (M).		
014	M/A(Target):Y	*ENG	[0.000 to 1.000 / **0.400** / 0.001mg/cm2/step]
	Displays RTP pattern sensor's depositing target amount (Y).		

3301	[RTP Pattern :Set]		
001	Create Intrvl:BW	ENG	[0 to 200 / **10** / 1pages]
	Sets creating interval (K) for RTP pattern.		
002	Create Intrvl:FC	ENG	[0 to 200 / **10** / 1pages]
	Sets creating interval (C) for RTP pattern.		
011	Page Cnt:BW	*ENG	[0 to 200 / **0** / 1pages]
	Displays sheets counter value (K) for RTP pattern.		

012	Page Cnt:FC	*ENG	[0 to 200 / **0** / 1pages]
	Displays sheets counter value (C) for RTP pattern.		
021	M/A UppErr:K	ENG	[0.000 to 1.000 / **0.600** / 0.001mg/cm2/step]
	Sets error decision threshold (K) for SC380 RTP patter error.		
022	M/A UppErr:Col	ENG	[0.000 to 2.000 / **1.200** / 0.001mg/cm2/step]
	Sets error decision threshold (CMY) for SC381 to SC383 RTP patter error.		
023	M/A LowErr:K	ENG	[0.000 to 1.000 / **0.100** / 0.001mg/cm2/step]
	Sets error decision threshold (K) for SC385 RTP patter error.		
024	M/A LowErr:Col	ENG	[0.000 to 1.000 / **0.200** / 0.001mg/cm2/step]
	Sets error decision threshold (CMY) for SC386 to SC388 RTP patter error.		
031	Feed Cnt :Set	*ENG	[0 to 99999999 / **50000** / 1ms/step]
	Totals up ON time of sub hopper feed clutch (Reset when toner end sensor detects toner).		
041	Feed Cnt :K	*ENG	[0 to 99999999 / **0** / 1 ms/step]
	Totals up ON time of sub hopper feed clutch (K).		
042	Feed Cnt :C	*ENG	[0 to 99999999 / **0** / 1 ms/step]
	Totals up ON time of sub hopper feed clutch (C).		
043	Feed Cnt :M	*ENG	[0 to 99999999 / **0** / 1 ms/step]
	Totals up ON time of sub hopper feed clutch (M).		
044	Feed Cnt :Y	*ENG	[0 to 99999999 / **0** / 1 ms/step]
	Totals up ON time of sub hopper feed clutch (Y).v		
051	Vsg Detect Intrvl		[0 to 200 / 10 / 1pages/step]
061	Vsg Page Cnt		[0 to 200 / 0 / 1pages/step]
070	LowErr Thresh		[0 to 99 / 3 / 1times/step]

071	LowErr Cnt:K		[0 to 99 / 0 / 1times/step]
072	LowErr Cnt:C		
073	LowErr Cnt:M		
074	LowErr Cnt:Y		
081	M/A(RTP)_Std	*ENG	[0.000 to 1.000 / **0.220** / 0.001mg/cm2/step]
	Sets standard deposit amount of RTP pattern deposit amount target value (K).		
091	M/A Thresh_Upp:K	*ENG	[0.000 to 1.000 / **0.060** / 0.001mg/cm2/step]
	Sets upper limit threshold of RTP pattern deposit amount target value (K).		
092	M/A Thresh_Upp:C	*ENG	[0.000 to 1.000 / **0.050** / 0.001mg/cm2/step]
	Sets upper limit threshold of RTP pattern deposit amount target value (C).		
093	M/A Thresh_Upp:M	*ENG	[0.000 to 1.000 / **0.050** / 0.001mg/cm2/step]
	Sets upper limit threshold of RTP pattern deposit amount target value (M).		
094	M/A Thresh_Upp:Y	*ENG	[0.000 to 1.000 / **0.050** / 0.001mg/cm2/step]
	Sets upper limit threshold of RTP pattern deposit amount target value (Y).		
101	M/A Thresh_Low:K	*ENG	[0.000 to 1.000 / **0.050** / 0.001mg/cm2/step]
	Sets lower limit threshold of RTP pattern deposit amount target value (K).		
102	M/A Thresh_Low:C	*ENG	[0.000 to 1.000 / **0.100** / 0.001mg/cm2/step]
	Sets lower limit threshold of RTP pattern deposit amount target value (C).		
103	M/A Thresh_Low:M	*ENG	[0.000 to 1.000 / **0.100** / 0.001mg/cm2/step]
	Sets lower limit threshold of RTP pattern deposit amount target value (M).		

2

104	M/A Thresh_Low:Y	*ENG	[0.000 to 1.000 / **0.100** / 0.001mg/cm2/step]
	Sets lower limit threshold of RTP pattern deposit amount target value (Y).		
111	Weight Coeff:K	*ENG	[1 to 10 / **1** / 1/step]
	Adds weight to leveling process of RTP pattern deposit amount target value (K).		
112	Weight Coeff:Col	*ENG	[1 to 10 / **1** / 1/step]
	Adds weight to leveling process of RTP pattern deposit amount target value (Col).		

3310	[ID.Sens :Voffset]		
	Displays specular reflection light output voltage of ID sensor's LED OFF time.		
001	Voffset reg (Front)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
002	Voffset reg (Center)	*ENG	
003	Voffset reg (Rear)	*ENG	
3310	[ID.Sens :Voffset]		
	Displays diffuse reflection light output voltage of ID sensor's LED OFF time.		
011	Voffset dif (Front)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
012	Voffset dif (Center)	*ENG	
013	Voffset dif (Rear)	*ENG	
3310	[ID.Sens :Voffset]		
	Displays specular reflection light output voltage of TM_Front sensor's LED OFF time.		
021	Voffset TM(Front)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	Displays specular reflection light output voltage of TM_Front sensor's LED OFF time.		
022	Voffset TM(Center)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	Displays specular reflection light output voltage of TM_Center sensor's LED OFF tim		
023	Voffset TM(Rear)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	Displays specular reflection light output voltage of TM_Rear sensor's LED OFF time.		

3311	[ID.Sens :Vmin]		
	Displays Black Vmin output of tone pattern.		
001	Vmin_K(Front)	*ENG	[0.000 to 5.000 / **0.000** / 0.001V/ step]
002	Vmin_K(Center)	*ENG	
003	Vmin_K(Rear)	*ENG	

3312	[ID.Sens :Vct]		
	Factory adjust value of ID sensor.		
001	Vct_reg(Front)	*ENG	[0.000 to 5.000 / **0.000** / 0.001V/ step]
002	Vct_reg(Center)	*ENG	
003	Vct_reg(Rear)	*ENG	
011	Vct_dif(Front)	*ENG	
012	Vct_dif(Center)	*ENG	
013	Vct_dif(Rear)	*ENG	

3320	[Vsg Adj: Execute]		
001	P Sensor	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Adjusts Vsg.		
012	Voffset Threshold	*ENG	[0.00 to 5.00 / **1.00** / 0.01V/step]
	Sets upper limit threshold of Voffset error.		
013	Vsg Upper Threshold	*ENG	[0.00 to 5.00 / **4.50** / 0.01V/step]
	Sets upper limit threshold of Vsg adjust error.		
014	Vsg Lower Threshold	*ENG	[0.00 to 5.00 / **3.50** / 0.01V/step]
	Sets lower limit threshold of Vsg adjust error.		
015	Ifsg UpperLimit	*ENG	[0.0 to 50.0 / **30.0** / 0.1mA/step]
	Sets error decision threshold of SC382 (If upper limit error).		

2

020	Interval :Set	*ENG	[0 to 2000 / **0** / 1page/step]
	Sets Vsg adjusting execute page interval to be decided after or during printing.		
	⬇Note		
	• Will be executed when Pro-Con or MUSIC decides necessity. (Won't work alone)		
021	Page Cnt	*ENG	[0 to 2000 / **0** / 1page/step]
	Displays Page counter for Vsg execute decision.		
031	Vsg Error Counter (Front)	*ENG	[0 to 99 / **0** / 1times/step]
	Counts Vsg error.		
032	Vsg Error Counter (Center)	*ENG	[0 to 99 / **0** / 1times/step]
	Counts Vsg error.		
033	Vsg Error Counter (Rear)	*ENG	[0 to 99 / **0** / 1times/step]
	Counts Vsg error.		

3321	[Adjusted Vsg]		
	Displays specular reflection light output of belt background area adjusted Vsg.		
001	Vsg reg (Front)	*ENG	
002	Vsg reg (Center)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
003	Vsg reg (Rear)	*ENG	
3321	[Adjusted Vsg]		
	Displays diffuse reflection light output of belt background area adjusted Vsg.		
011	Vsg dif (Front)	*ENG	
012	Vsg dif (Center)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
013	Vsg dif (Rear)	*ENG	
021	Vsg reg(BW)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	Displays specular reflection light output of belt background area adjusted Vs		

031	Vsg dif(BW)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	Displays diffuse reflection light output of belt background area adjusted Vsg.		
041	Vsg TM(Front)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	Displays specular reflection light output of belt background area adjusted Vsg. (TM_Front sensor)		
042	Vsg TM(Center)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	Displays specular reflection light output of belt background area adjusted Vsg. (TM_Center sensor)		
043	Vsg TM(Rear)	*ENG	[0.00 to 5.50 / **0.00** / 0.01V/step]
	Displays specular reflection light output of belt background area adjusted Vsg. (TM_Rear sensor)		

3322	[Adjusted Ifsg]		
	LED ampere value for RTP.		
001	Ifsg RTP (Front)	*ENG	
002	Ifsg RTP (Center)	*ENG	[0.0 to 50.0 / **10.0** / 0.1mA/step]
003	Ifsg RTP (Rear)	*ENG	
3322	[Adjusted Ifsg]		
	LED ampere value min. value.		
011	Ifsg Min (Front)	*ENG	
012	Ifsg Min (Center)	*ENG	[0.0 to 50.0 / **27.0** / 0.1mA/step]
013	Ifsg Min (Rear)	*ENG	
3322	[Adjusted Ifsg]		
	LED ampere value for electric potential control;, MUSIC.		
021	Ifsg: TM(Front)	*ENG	
022	Ifsg: TM(Center)	*ENG	[0.0 to 50.0 / **10.0** / 0.1mA/step]
023	Ifsg: TM(Rear)	*ENG	

2

3323	**[Vsg Adj OK?]**			
	Displays Vsg adjustment result (SP assign for have compatibility with unification model sires)			
	• Left digit: TM/P sensor (R)			
	• Right digit: TM/P sensor (L)			
	Displays result by each sensor from left in R, then L order.			
	Code	Result	detail	
	0	Did not EXEC.	(SP default)	
	1	Succeed	-	
	2	ID sensor proofread error	Out of range from Vsg= Vsg_reg(target value) ±x.x[V/step]	
	3	Offset voltage error	Voffset_reg>Max. or Voffset_dif>Max.	
	4	LED Ampere Max. error.	Ifsg>Max.	
	5	ID sensor output error.	Vsg< Vsg_reg(error)	
	9	Kill	Kill by error of door open, power off.	

001	Latest	*ENG	
002	Latest 2	*ENG	
003	Latest 3	*ENG	
004	Latest 4	*ENG	
005	Latest 5	*ENG	[0 to 999 / **0** / 1/step]
006	Latest 6	*ENG	
007	Latest 7	*ENG	
008	Latest 8	*ENG	
009	Latest 9	*ENG	
010	Latest 10	*ENG	

3330	**[ID.Sens Coef :Disp]**

001	K2(Latest) (Front)	*ENG	[0.0000 to 5.0000 / **0.0000** / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K2.		
002	K2(Latest) (Center)	*ENG	[0.0000 to 5.0000 / **0.0000** / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K3.		
003	K2(Latest) (Rear)	*ENG	[0.0000 to 5.0000 / **0.0000** / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K4.		
011	K5(Latest) (Front)	*ENG	[0.0000 to 5.0000 / **1.2000** / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K5		
012	K5(Latest) (Center)	*ENG	[0.0000 to 5.0000 / **1.2000** / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K6.		
013	K5(Latest) (Rear)	*ENG	[0.0000 to 5.0000 / **1.2000** / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K7.		

3331	[ID.Sens Coef :Set]		
	Assign (no need with Tomahawk) for having compatibility with unification model sires (Ap/At, Diana, Zeus).		
001	K2: Upp Limit Corr	*ENG	[-0.20 to 0.40 / **0.17** / 0.01/step]
002	K2: Lwr Limit Corr	*ENG	[-0.40 to 0.20 / **0.03** / 0.01/step]
003	K2: Upp/Lwr Limit Coef1	*ENG	[0.00 to 1.00 / **0.00** / 0. 01]
3331	[ID.Sens Coef :Set]		
004	Kn: Upper	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Sets upper limit valid range of standardization value for specular reflection used for calculating sensitivity correction: K5.		

005	Kn: Lower	*ENG	[0.00 to 1.00 / **0.10** / 0.01/step]
	Sets lower limit valid range of standardization value for specular reflection used for calculating sensitivity correction: K5		
006	K5: Upper	*ENG	[0.00 to 10.00 / **6.00** / 0.01/step]
	Sets upper limit value of calculated sensitivity correction coefficient: K5.		
007	K5: Lower	*ENG	[0.00 to 1.00 / **0.50** / 0.01/step]
	Sets lower limit value of calculated sensitivity correction coefficient: K5.		
008	K5: Target Point	*ENG	[0.00 to 1.00 / **0.15** / 0.01/step]
	Sets proofreading point (Kn) of sensitivity correction coefficient: K5.		
009	K5: Target Voltage	*ENG	[0.00 to 5.00 / **1.63** / 0.01V/step]
	Sets proofreading point (Kn) of sensitivity correction coefficient: K5.		
012	Corrct Coef:C	*ENG	[0.500 to 1.500 / **1.000** / 0.001/ step]
	Sets color diff correction coefficient (C) of Delta Vsp_Dif_Dash.		
013	Corrct Coef:M	*ENG	[0.500 to 1.500 / **0.996** / 0.001/ step]
	Sets color diff correction coefficient (M) of Delta Vsp_Dif_Dash.		
014	Corrct Coef:Y	*ENG	[0.500 to 1.500 / **1.111** / 0.001/ step]
	Sets color diff correction coefficient (Y) of Delta Vsp_Dif_Dash.		

3332	**[M/A Calculation]**		
	Assign (no need with Tomahawk) for having compatibility with unification model sires (Ap/ At, Diana, Zeus).		
001	Corrct Coef:K	*ENG	
002	Corrct Coef:C	*ENG	[0.50 to 2.00 / **1.00** / 0.01/step]
003	Corrct Coef:M	*ENG	
004	Corrct Coef:Y	*ENG	

3333	[ID.Sens TestVal:F]		
	Shipping test value of ID sensor. Factory inputs using process application. Service personal inputs when on the market.		
001	K2: Check	*ENG	[0.000 to 1.000 / **0.516** / 0.001/ step]
002	Diffuse Corr	*ENG	[0.75 to 1.35 / **1.00** / 0.01/step]
003	Vct_reg Check:Slope	*ENG	[0.0 to 200.0 / **0.0** / 0.1mV/mA]
004	Vct_reg Check:Xint	*ENG	[0.0 to 25.5 / **0.0** / 0.1mA/step]
005	Vct_dif Check:Slope	*ENG	[0.0 to 200.0 / **0.0** / 0.1mV/mA]
006	Vct_dif Check:Xint	*ENG	[0.0 to 25.5 / **0.0** / 0.1mA/step]

3334	[ID.Sens TestVal:C]		
	Shipping test value of ID sensor. Factory inputs using process application. Service personal inputs when on the market.		
001	K2: Check	*ENG	[0.000 to 1.000 / **0.516** / 0.001/ step]
002	Diffuse Corr	*ENG	[0.75 to 1.35 / **1.00** / 0.01/step]
003	Vct_reg Check:Slope	*ENG	[0.0 to 200.0 / **0.0** / 0.1mV/mA]
004	Vct_reg Check:Xint	*ENG	[0.0 to 25.5 / **0.0** / 0.1mA/step]
005	Vct_dif Check:Slope	*ENG	[0.0 to 200.0 / **0.0** / 0.1mV/mA]
006	Vct_dif Check:Xint	*ENG	[0.0 to 25.5 / **0.0** / 0.1mA/step]

3335	[ID.Sens TestVal:R]		
	Shipping test value of ID sensor. Factory inputs using process application. Service personal inputs when on the market.		
001	K2: Check	*ENG	[0.000 to 1.000 / **0.516** / 0.001/ step]
002	Diffuse Corr	*ENG	[0.75 to 1.35 / **1.00** / 0.01/step]
003	Vct_reg Check:Slope	*ENG	[0.0 to 200.0 / **0.0** / 0.1mV/mA/step]

004	Vct_reg Check:Xint	*ENG	[0.0 to 25.5 / **0.0** / 0.1mA/step]
005	Vct_dif Check:Slope	*ENG	[0.0 to 200.0 / **0.0** / 0.1mV/mA/step]
006	Vct_dif Check:Xint	*ENG	[0.0 to 25.5 / **0.0** / 0.1mA/step]

3400	**[Toner Supply Type]**		
	Selects toner supply method.		
001	K	*ENG	[0 to 4 / **4** / 1/step]
002	C	*ENG	0: Fixed
003	M	*ENG	2: PID
004	Y	*ENG	4: DANC

3411	**[Toner Supply Qty]**		
	Displays latest value of supply amount calculated from toner supply amount computation formula.		
001	K	ENG	
002	C	ENG	[0.0 to 40000.0 / **0.0** / 0.1mg/step]
003	M	ENG	
004	Y	ENG	

3420	**[DeveloperWeight]**		
	Sets amount of developer weight.		
001	Total_Weight:K	*ENG	[50 to 2000 / **380** / 1g/step]
002	Total_Weight:CMY	*ENG	

3421	**[TnrSplyAbility]**		
	Sets toner supply ability from sub hopper to develop unit.		

001	K		*ENG	
002	C		*ENG	[0.001 to 2.000 / **0.710** / 0.001mg/
003	M		*ENG	msec]
004	Y		*ENG	
3421	**[TnrSplyAbility]**			
	Corrects supply ability based on supplying time per time unit.			
011	TnrSplyAbilityCoef1		*ENG	[0.50 to 2.00 / **1.12** / 0.01/step]
012	TnrSplyAbilityCoef2		*ENG	
013	TnrSplyAbilityCoef3		*ENG	[0.50 to 2.00 / **1.10** / 0.01/step]
014	TnrSplyAbilityCoef4		*ENG	[0.50 to 2.00 / **1.06** / 0.01/step]
015	TnrSplyAbilityCoef5		*ENG	[0.50 to 2.00 / **1.00** / 0.01/step]
016	TnrSplyAbilityCoef6		*ENG	[0.50 to 2.00 / **0.99** / 0.01/step]
017	TnrSplyAbilityCoef7		*ENG	[0.50 to 2.00 / **0.98** / 0.01/step]
018	TnrSplyAbilityCoef8		*ENG	
019	TnrSplyAbilityCoef9		*ENG	[0.50 to 2.00 / **0.95** / 0.01/step]
020	TnrSplyAbilityCoef10		*ENG	
021	unit time			[0 to 60000 / 3000 / 1msec/step]
3421	**[TnrSplyAbility]**			
	Sets absolute humidity threshold 1 of supply ability correction.			
031	AbsHum Threshold:1		*ENG	[0.0 to 65.0 / **6.0** / 0.1g/m3/step]
032	AbsHum Threshold:2		*ENG	[0.0 to 65.0 / **12.0** / 0.1g/m3/step]
033	AbsHum Threshold:3		*ENG	[0.0 to 65.0 / **24.0** / 0.1g/m3/step]
3421	**[TnrSplyAbility]**			
	Corrects supply ability based on absolute humidity.			

2

041	Environ Coef1	*ENG	
042	Environ Coef2	*ENG	[0.50 to 2.00 / **1.00** / 0.01/step]
043	Environ Coef3	*ENG	
044	Environ Coef4	*ENG	

3422	**[Tnr Supply Limits :Set]**		
	Sets max. toner supplying rate.		
001	Max Supply Rate:K	*ENG	
002	Max Supply Rate:C	*ENG	[0 to 255 / **100** / 1%/step]
003	Max Supply Rate:M	*ENG	
004	Max Supply Rate:Y	*ENG	
3422	**[Tnr Supply Limits :Set]**		
	Sets min. supplying time.		
011	Min Supply Time: K	*ENG	
012	Min Supply Time: C	*ENG	[0 to 255 / **100** / 1msec/step]
013	Min Supply Time: M	*ENG	
014	Min Supply Time: Y	*ENG	

3423	**[TnrSplyCarryOver :Disp]**		
	Sets toner supplying rate for fixed amount supplying mode.		
001	Carry Over:K	*ENG	
002	Carry Over:C	*ENG	[0 to 10000 / **0** / 1msec/step]
003	Carry Over:M	*ENG	
004	Carry Over:Y	*ENG	

3428	**[TnrSplyDelay : Setting]**		
	Sets toner supply delay time.		

001	Delay	*ENG	[0 to 255 / **0** / 1msec/step]

3429	[TnrSplyPosTime :Disp]		
	Sets toner supplying rate for fixed amount supplying mode.		
001	Latest: K	*ENG	[0 to 20000 / **0** / 1msec/step]
002	Latest: C	*ENG	
003	Latest: M	*ENG	
004	Latest: Y	*ENG	

3431	[DrvTime: Setting]		
	Sets toner supplying rate for fixed amount supplying mode.		
001	Tmon:K	*ENG	[50 to 1000 / **200** / 50msec/step]
002	Tmon:C	*ENG	
003	Tmon:M	*ENG	
004	Tmon:Y	*ENG	

3432	[DrvTime: Setting]		
	Sets max. continuous supplying time.		
001	DriveTime(max)	*ENG	[0 to 1500 / **800** / 1msec/step]

3440	[Fixed Supply Mode]		
	Sets toner supplying rate for fixed amount supplying mode.		
001	Fixed Rate: K	*ENG	[0 to 100 / **10** / 1%/step]
002	Fixed Rate: C	*ENG	
003	Fixed Rate: M	*ENG	
004	Fixed Rate: Y	*ENG	

3450	[Toner Supply PID: Setting]		
	Sets supplying coefficient to supply proportion to Vt-Vtref with toner supply control. Uses PID control for toner supply.		
001	Vt Proportion: K	*ENG	
002	Vt Proportion: C	*ENG	[0 to 2550 / **50** / 1/step]
003	Vt Proportion: M	*ENG	
004	Vt Proportion: Y	*ENG	

3450	[Toner Supply PID: Setting]		
	Sets supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
011	Pixel Proportion: K	*ENG	
012	Pixel Proportion: C	*ENG	[0.00 to 2.55 / **0.47** / 0.01/step]
013	Pixel Proportion: M	*ENG	
014	Pixel Proportion: Y	*ENG	

3450	[Toner Supply PID: Setting]		
	Displays current value of pixel proportionality coefficient 2 for supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
021	Pixel Proportion 2: K	*ENG	
022	Pixel Proportion 2: C	*ENG	[0.00 to 2.55 / **1.00** / 0.01/step]
023	Pixel Proportion 2: M	*ENG	
024	Pixel Proportion 2: Y	*ENG	

3450	[Toner Supply PID: Setting]		
	Sets supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
031	Correction Coeffient: 1	*ENG	[0.00 to 2.55 / **1.00** / 0.01/step]
032	Correction Coeffient: 2	*ENG	[0.00 to 2.55 / **0.50** / 0.01/step]
033	Correction Coeffient: 3	*ENG	[0.00 to 2.55 / **0.00** / 0.01/step]

034	Correction Coeffient: 4	*ENG	[0.00 to 2.55 / **0.25** / 0.01/step]
035	Correction Coeffient: 5	*ENG	[0.00 to 2.55 / **0.50** / 0.01/step]

3450	**[Toner Supply PID: Setting]**		
	Displays current value of pixel proportionality coefficient 3 for supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
041	Pixel Proportion 3: K	*ENG	
042	Pixel Proportion 3: C	*ENG	[0.70 to 1.30 / **1.00** / 0.01/step]
043	Pixel Proportion 3: M	*ENG	
044	Pixel Proportion 3: Y	*ENG	

3450	**[Toner Supply PID: Setting]**		
	Sets supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
051	Correction Value 1	*ENG	[-0.10 to 0.00 / **-0.01** / 0.01/step]
052	Correction Value 2	*ENG	[0.00 to 0.10 / **0.01** / 0.01/step]

3450	**[Toner Supply PID: Setting]**		
	Sets transformation coefficient transforming pixel (cm^2) to supply amount (g) for supplying proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
061	P_Pxl_Coef_Err	*ENG	[0.00 to 1.00 / **0.35** / 0.01/step]

3450	**[Toner Supply PID: Setting]**		
	Sets supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
071	Vt Integral Control: K	*ENG	
072	Vt Integral Control: C	*ENG	[0 to 2550 / **500** / 1/step]
073	Vt Integral Control: M	*ENG	
074	Vt Integral Control: Y	*ENG	

3450	**[Toner Supply PID: Setting]**		
	Sets supplying coefficient to supply in proportion to Diff. accumulate amount of Vt-Vtref with toner supply control. Uses PID control for toner supply.		
081	Vt Integral Value: K	*ENG	[-255.00 to 255.00 / **0.00** / 0.01/ step]
082	Vt Integral Value: C	*ENG	
083	Vt Integral Value: M	*ENG	
084	Vt Integral Value: Y	*ENG	

3450	**[Toner Supply PID: Setting]**		
	Sets supplying coefficient to supply in proportion to Diff. accumulate amount of Vt-Vtref with toner supply control. Uses PID control for toner supply.		
091	Vt Sum Times: K	*ENG	[1 to 255 / **20** / 1times/step]
092	Vt Sum Times: C	*ENG	
093	Vt Sum Times: M	*ENG	
094	Vt Sum Times: Y	*ENG	

3460	**[TonerSupply :DANC]**		
011	Time_Min	*ENG	[0 to 250 / **0** / 1msec/step]
	Sets DANC min. supplying time.		
012	Time_Max	*ENG	[0 to 1000 / **200** / 1msec/step]
	Sets DANC max. supplying time.		
3460	**[TonerSupply :DANC]**		
	Sets supplying amount for when creating SMITH model.		
022	SMITH_Weight:K	*ENG	[1 to 500 / **140** / 1mg/step]
023	SMITH_Weight:CMY	*ENG	
3460	**[TonerSupply :DANC]**		
	Sets transferring rate for to compensate reverse transfer amount of ANC term (pixel term).		

111	Rev_Fix:K	*ENG	
112	Rev_Fix:C	*ENG	[1.00 to 1.50 / **1.00** / 0.01/step]
113	Rev_Fix:M	*ENG	
114	Rev_Fix:Y	*ENG	
3460	[TonerSupply :DANC]		
	Sets delay time of from toner supplying door to sensor for SMITH model, by control sample count.		
121	TnrSplyDelay:StdSpd:K	*ENG	[0 to 200 / **7** / 1/step]
122	TnrSplyDelay:MidSpd:K	*ENG	[0 to 200 / **13** / 1/step]
123	TnrSplyDelay:LowSpd:K	*ENG	[0 to 200 / **19** / 1/step]
131	TnrSplyDelay:StdSpd:CMY	*ENG	[0 to 200 / **7** / 1/step]
132	TnrSplyDelay:MidSpd:CMY	*ENG	[0 to 200 / **13** / 1/step]
133	TnrSplyDelay:LowSpd:CMY	*ENG	[0 to 200 / **19** / 1/step]

3461	[TonerSupply :DANC]		
001	PI:Power	*ENG	[5 to 200 / **100** / 1%/step]
	Changes all demand value of PI term.		
011	PI:P Gain:K	*ENG	[0.0000 to 1.0000 / **0.0100** / 0.0001/step]
	Sets P gain (K).		
012	PI:P Limits:Up:K	*ENG	[0.00 to 1.00 / **0.10** / 0.01/step]
	Sets limit against P term demanding value. (Supply plus side, K)		
013	PI:P Limits:Low:K	*ENG	[0.00 to 1.00 / **0.10** / 0.01/step]
	Sets limit against P term demanding value. (Supply minus side, K)		
021	PI:I Gain:K	*ENG	[0.0000 to 1.0000 / **0.0010** / 0.0001/step]
	Sets I gain (K).		

022	PI:I Limits:Up:K	*ENG	[0.00 to 1.00 / **0.10** / 0.01/step]
	Sets limit against I term demanding value. (Supply plus side, K)		
023	PI:I Limits:Low:K	*ENG	[0.00 to 1.00 / **0.10** / 0.01/step]
	Sets limit against I term demanding value. (Supply minus side, K)		
031	PI:P Gain:CMY	*ENG	[0.0000 to 1.0000 / **0.0100** / 0.0001/step]
	Sets P gain (CMY).		
032	PI:P Limits:Up:CMY	*ENG	[0.00 to 1.00 / **0.10** / 0.01/step]
	Sets limit against P term demanding value. (Supply plus side, CMY)		
033	PI:P Limits:Low:CMY	*ENG	[0.00 to 1.00 / **0.10** / 0.01/step]
	Sets limit against P term demanding value. (Supply minus side, CMY)		
041	PI:I Gain:CMY	*ENG	[0.0000 to 1.0000 / **0.0010** / 0.0001/step]
	Sets I gain (CMY).		
042	PI:I Limits:Up:CMY	*ENG	[0.00 to 1.00 / **0.10** / 0.01/step]
	Sets limit against I term demanding value. (Supply plus side, CMY)		
043	PI:I Limits:Low:CMY	*ENG	[0.00 to 1.00 / **0.10** / 0.01/step]
	Sets limit against I term demanding value. (Supply minus side, CMY)		
051	AW:AWIlow:K	*ENG	[0 to 10000 / **100** / 1/step]
	Sets AW gain (K). (Normally reciprocal of P gain)		
052	AW:AWIpni:K	*ENG	[0 to 2000 / **1000** / 1/step]
	Sets rate to rapidly decrease accumulate value of difference between toner density and target value. (K: Supply plus side)		
061	AW:AWIlow:CMY	*ENG	[0 to 10000 / **100** / 1/step]
	Sets AW gain (CMY). (Normally reciprocal of P gain)		

062	AW:AWIpni:CMY	*ENG	[0 to 2000 / **1000** / 1/step]
	Sets rate to rapidly decrease accumulate value of difference between toner density and target value. (CMY: Supply plus side)		
3461	**[TonerSupply :DANC]**		
	Corrects line speed for demand value of PI term.		
102	PI:LineSpdCoef:MidSpd:K	*ENG	
103	PI:LineSpdCoef:LowSpd:K	*ENG	[0.05 to 1.00 / **0.50** / 0.01/step]
112	PI:LineSpdCoef:StdSpd:CMY	*ENG	
113	PI:LineSpdCoef:LowSpd:CMY	*ENG	
3461	**[TonerSupply :DANC]**		
121	SMITH:Gain:K	*ENG	[0.00 to 2.00 / **1.00** / 0.01/step]
	Changes gain (amplitude of model) for SMITH model. (K)		
122	SMITH:MidSpd:K	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Corrects line speed for gain of SMITH model. (Middle speed, K)		
123	SMITH:LowSpd:K	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Corrects line speed for gain of SMITH model. (Low speed, K)		
131	SMITH:Gain:CMY	*ENG	[0.00 to 2.00 / **1.00** / 0.01/step]
	Changes gain (amplitude of model) for SMITH model. (CMY)		
132	SMITH:MidSpd:CMY	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Corrects line speed for gain of SMITH model. (Middle speed, CMY)		
133	SMITH:LowSpd:CMY	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Corrects line speed for gain of SMITH model. (Low speed, CMY)		

3462	**[TonerSupply :DANC]**

001	ANC:Power	*ENG	[0 to 200 / **100** / 1%/step] 100: Standard control 0: No ANC
	Changes all ANC filters demand value of ANC term.		
101	ANC:Gain:K	*ENG	[0.00 to 2.00 / **1.00** / 0.01/step]
	Sets gain for all ANC filters. (K)		
102	ANC:MidSpd:K	*ENG	[0.05 to 1.00 / **1.00** / 0.01/step]
	Corrects line speed for gain of all ANC filters. (Middle speed, K)		
103	ANC:LowSpd:K	*ENG	[0.05 to 1.00 / **1.00** / 0.01/step]
	Corrects line speed for gain of all ANC filters. (Low speed, K)		
111	ANC:Gain:CMY	*ENG	[0.00 to 2.00 / **1.00** / 0.01/step]
	Sets gain for all ANC filters. (CMY)		
112	ANC:MidSpd:CMY	*ENG	[0.05 to 1.00 / **1.00** / 0.01/step]
	Corrects line speed for gain of all ANC filters. (Middle speed, CMY)		
113	ANC:LowSpd:CMY	*ENG	[0.05 to 1.00 / **1.00** / 0.01/step]
	Corrects line speed for gain of all ANC filters. (Low speed, CMY)		

3463	[TonerSupply :DANC]		
	Saves I term corresponding to power OFF/ON.		
101	Int:I:K	*ENG	[-1000.0000 to 1000.0000 / **0.0000** / 0.0001/step]
102	Int:I:C	*ENG	
103	Int:I:M	*ENG	
104	Int:I:Y	*ENG	
3463	[TonerSupply :DANC]		
	Saves ANC term (pixel term) corresponding to power OFF/ON.		

111	ANC:ref Sum:K	*ENG	
112	ANC:ref Sum:C	*ENG	[-1000.0000 to 1000.0000 /
113	ANC:ref Sum:M	*ENG	**0.0000** / 0.0001/step]
114	ANC:ref Sum:Y	*ENG	

3463	[TonerSupply :DANC]		
	Displays image area for the latest page.		
201	ImgArea:K	*ENG	
202	ImgArea:C	*ENG	[0 to 9999 / **0** / 1cm2/step]
203	ImgArea:M	*ENG	
204	ImgArea:Y	*ENG	

3500	[ImgQltyAdj :ON/OFF]		
001	ALL	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Sets execution judge to OFF of all imaging system adjustments.		
002	ProCon	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Sets execution judge to OFF of electric potential control.		
003	MUSIC Condition:Auto Exe	*ENG	[0 or 1 / **1** / 1/step]
	Forcedly sets MUSIC auto execution to OFF.		
004	Init TD Sensor	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Sets execution judge to OFF for initial setting of TD sensor.		

2

3510	[ImgQltyAdj :ExeFlag]		
	Sets execution flag for toner recovery (Executes toner recovery with setting to "1" and power OFF/ON, or close front cover.)		
001	Toner Recovery: K	*ENG	[0 to 3 / 0 / 1/step]
002	Toner Recovery: C	*ENG	
003	Toner Recovery: M	*ENG	
004	Toner Recovery: Y	*ENG	

3510	[ImgQltyAdj :ExeFlag]		
	Sets execution flag for initial setting of TD sensor. (TD sensor's initial setting will be executed by setting to "1" and power OFF/ON)		
011	Init TD Sensor :K	*ENG	[0 or 1 / 0 / 1/step]
012	Init TD Sensor :C	*ENG	
013	Init TD Sensor :M	*ENG	
014	Init TD Sensor :Y	*ENG	

3510	[ImgQltyAdj :ExeFlag]		
021	Process Control	*ENG	[0 to 2 / 0 / 1/step]
	Sets execution flag for Pro-Con (Executes Pro-Con with setting to "1" and power OFF/ON, or close front cover.)		
022	Developer Agitating	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for developer stir (Executes developer stir with setting to "1" and power OFF/ON, or close front cover.)		
023	Blade Damage Prevention	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for blade burr prevent mode (Executes blade burr prevent mode with setting to "1" and power OFF/ON or closing front cover.)		

024	MUSIC	*ENG	[0 to 3 / **0** / 1/step] 0: OFF 1: Mode:b 2: Mode:a 3: Mode:e
	Sets execution flag for MUSIC (MUSIC (1time) with setting "1" and power OFF/ON or closing font cover, MUSIC (2times) with setting "2", real time MUSIC with setting "3")		
025	Vsg Adj.	*ENG	[0 or 1 / **0** / 1/step]
	Sets execution flag for Vsg adjust (Executes Vsg adjust with setting to "1" and power OFF/ON, or close front cover.)		
026	Charge AC Adj.	*ENG	[0 or 1 / **0** / 1/step]
	Sets execution flag for Electrify roller cleaning (K) (Executes Electrify roller cleaning (K) with setting to "1" and power OFF/ON, or close from cover.)		
3510	[ImgQltyAdj :ExeFlag]		
031	Init Toner Replenish: K	*ENG	[0 or 1 / **0** / 1/step]
	Sets execution flag for toner initial filler (K) (Executes toner recovery (K) with setting to "1" and power OFF/ON, or close front cover.)		
032	Init Toner Replenish: C	*ENG	[0 or 1 / **0** / 1/step]
	Sets execution flag for toner initial filler (C) (Executes toner recovery (C) with setting to "1" and power OFF/ON, or close front cover.)		
033	Init Toner Replenish: M	*ENG	[0 or 1 / **0** / 1/step]
	Sets execution flag for toner initial filler (M) (Executes toner recovery (M) with setting to "1" and power OFF/ON, or close front cover.)		
034	Init Toner Replenish: Y	*ENG	[0 or 1 / **0** / 1/step]
	Sets execution flag for toner initial filler (Y) (Executes toner recovery (Y) with setting to "1" and power OFF/ON, or close front cover.)		
041	DEMS		[0 or 1 / **0** / 1/step]
042	IBACC	*ENG	[0 or 1 / **0** / 1/step]
	Sets execution flag for toner initial filler (Y) (Executes toner recovery (Y) with setting to "1" and power OFF/ON, or close front cover.)		

043	Vsg in TrnsBlt:corr	*ENG	[0 or 1 / **0** / 1/step]
	Sets execution flag for toner initial filler (Y) (Executes toner recovery (Y) with setting to "1" and power OFF/ON, or close front cover.)		
044	Dev. AC Adj.	*ENG	[0 or 1 / **0** / 1/step]
	Sets execution flag for develop AC adjust (Executes with setting to "1" and power OFF/ON, or close from cover.)		
045	BIT1	*ENG	[0 or 1 / **0** / 1/step]
	Execution flag for image adjust of BIT 1 control.		

3520	[ImgQltyAdj :Interval]		
001	During Job	*ENG	[0 to 100 / **30** / 1page/step]
	Sets image adjust judgment page interval for during print.		
002	During Stand-by	*ENG	[0 to 100 / **5** / 1minute/step]
	Sets image adjust judgment time interval for during standby.		

3521	[Drum Stop Time :Disp]		
	Displays finish imaging time.		
001	Year	*ENG	[0 to 99 / **0** / 1year/step]
002	Month	*ENG	[1 to 12 / **1** / 1month/step]
003	Day	*ENG	[1 to 31 / **1** / 1day/step/step]
004	Hour	*ENG	[0 to 23 / **0** / 1hour/step]
005	Minute	*ENG	[0 to 59/ **0** / 1 minutes/step]

3522	[Drum Stop Environ :Disp]		
001	Temperature	*ENG	[-1280.0 to 1270.0 / **0.0** / 0.1deg]
	Displays (temperature) of when imaging finished.		
002	Rel Humidity	*ENG	[0.0 to 1000.0 / **0.0** / 0.1%RH/step]
	Displays (relative humidity) of when imaging finished.		

003	Abs Humidity	*ENG	[0.0 to 1000.0 / **0.0** / 0.1g/m3/step]
	Displays (absolute humidity) of when imaging finished.		

3529	[ProCon Interval Control :Set]		
001	Gamma Corr	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Sets ON/OFF develop gamma correction for Pro-Con auto execute interval.		
002	Environ Corr	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Sets ON/OFF environment correction for Pro-Con auto execute interval.		
003	AbsHum Threshhold	*ENG	[0.0 to 99.0 / **4.3** / 0.1g/m3/step]
	Sets absolute humidity threshold of environment correction for Pro-Con auto execute interval.		
004	Max Cnt Threshhold	*ENG	[0 to 99 / **2** / 1counts/step]
	Sets max. count threshold of Interrupt Pro-Con/Job end Pro-Con.		
005	Exe Cnt	ENG	[0 to 255 / **0** / 1counts/step]
	Sets max. count counter of Interrupt Pro-Con/Job end Pro-Con.		
006	Page Cnt:BW	*ENG	[0 to 5000 / **0** / 1sheet/step]
	Displays Pro-Con (BW) sheets count.		
007	Page Cnt:FC	*ENG	[0 to 5000 / **0** / 1sheet/step]
	Displays Pro-Con (FC) sheets count.		

3530	[PowerON ProCon :Se]		
001	Non-use Time Setting	*ENG	[0 to 1440 / **360** / 1minute/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		

002	Temperature Range	*ENG	[0 to 99 / **10** / 1deg/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		
003	Relative Humidity Range	*ENG	[0 to 99 / **50** / 1%RH/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		
004	Absolute Humidity Range	*ENG	[0 to 99 / **6** / 1g/m3/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		
005	Interval:BW	*ENG	[0 to 5000 / **250** / 1sheet/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		
006	Interval:FC	*ENG	[0 to 5000 / **100** / 1sheet/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		
007	Page Cnt:BW	*ENG	[0 to 5000 / **0** / 1 sheet/step]
	Sets sheets count for Power ON Pro-Con (BW).		
008	Page Cnt:FC	*ENG	[0 to 5000 / **0** / 1 sheet/step]
	Sets sheets count for Power ON Pro-Con (FC).		

3531	[Non-useTime Procon :Set]		
	Sets Pro-Con execute judgment threshold for during standby.		
001	Non-use Time Setting	*ENG	[0 to 1440 / **360** / 1minute/step]
002	Temperature Range	*ENG	[0 to 99 / **10** / 1deg/step]
003	Relative Humidity Range	*ENG	[0 to 99 / **50** / 1%RH/step]
004	Absolute Humidity Range	*ENG	[0 to 99 / **6** / 1g/m3/step]
3531	[Non-useTime Procon :Set]		
	Sets upper limit of continuously executing count for Pro-Con during standby.		
005	Maximum Execution Number	*ENG	[0 to 99 / **10** / 1times/step]

3533	[Interrupt ProCon :Set]

001	Interval:Set:BW	*ENG	[0 to 5000 / **500** / 1sheet/step]
	Sets number of sheets interval for Interrupt Pro-Con (BW).		
002	Interval:Disp:BW	*ENG	[0 to 5000 / **500** / 1sheet/step]
	Displays number of sheets interval for Interrupt Pro-Con (BW).		
003	Corr(Short):BW	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Sets correcting coefficient (Short) of number of sheets interval for Interrupt Pro-Con (BW).		
004	Corr(Mid):BW	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Sets correcting coefficient (Mid) of number of sheets interval for Interrupt Pro-Con (BW).		
011	Interval:Set:FC	*ENG	[0 to 5000 / **200** / 1sheet/step]
	Sets number of sheets interval for Interrupt Pro-Con (FC).		
012	Interval:Disp:FC	*ENG	[0 to 5000 / **200** / 1sheet/step]
	Displays number of sheets interval for Interrupt Pro-Con (FC).		
013	Corr(Short):FC	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Sets correcting coefficient (Short) of number of sheets interval for Interrupt Pro-Con (FC).		
014	Corr(Mid):FC	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Sets correcting coefficient (Mid) of number of sheets interval for Interrupt Pro-Con (FC).		

3534	[JobEnd ProCon :Set]		
001	Interval:Set:BW	*ENG	[0 to 5000 / **500** / 1sheet/step]
	Sets number of sheets interval for Job end Pro-Con (BW).		
002	Interval:Disp:BW	*ENG	[0 to 5000 / **500** / 1sheet/step]
	Displays number of sheets interval for Job end Pro-Con (BW).		
003	Corr(Short):BW	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Sets correcting coefficient (Short) of number of sheets interval for Job end Pro-Con (BW).		
004	Corr(Mid):BW	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Sets correcting coefficient (Mid) of number of sheets interval for Job end Pro-Con (BW).		

011	Interval:Set:FC	*ENG	[0 to 1000 / **200** / 1sheet/step]
	Sets number of sheets interval for Job end Pro-Con (FC).		
012	Interval:Disp:FC	*ENG	[0 to 5000 / **200** / 1sheet/step]
	Displays number of sheets interval for Job end Pro-Con (FC).		
013	Corr(Short):FC	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Sets correcting coefficient (Short) of number of sheets interval for Job end Pro-Con (FC).		
014	Corr(Mid):FC	*ENG	[0.00 to 1.00 / **1.00** / 0.01/step]
	Sets correcting coefficient (Mid) of number of sheets interval for Job end Pro-Con (FC).		

3539	[Dev Agitating Time :Set]		
001	Time	*ENG	[0 to 3000 / **10** / 1sec/step]
	Sets Developer Agitating Time.		
010	ON/OFF(by RelHum)	*ENG	[0 or 1 / **1** / 1/step]
	Sets ON/OFF for Absolute Humidity Correction for Developer Agitating Time.		
3539	[Dev Agitating Time :Set]		
	Sets stirring time based on relative humidity of developer stirring time.		
011	by RelHum:1	*ENG	[0 to 3000 / **0** / 1sec/step]
012	by RelHum:2	*ENG	[0 to 3000 / **5** / 1sec/step]
013	by RelHum:3	*ENG	
014	by RelHum:4	*ENG	
015	by RelHum:5	*ENG	
016	by RelHum:6	*ENG	
021	RelHum Threshold:1	*ENG	[0 to 1000 / **4** / 1%RH/step]
022	RelHum Threshold:2	*ENG	[0 to 1000 / **8** / 1%RH/step]
023	RelHum Threshold:3	*ENG	[0 to 1000 / **12** / 1%RH/step]
024	RelHum Threshold:4	*ENG	[0 to 1000 / **16** / 1%RH/step]

025	RelHum Threshold:5	*ENG	[0 to 1000 / **24** / 1%RH/step]	
3539	[Dev Agitating Time :Set]			
030	ON/OFF(by Non-use Time)	*ENG	[0 or 1 / **1** / 1/step]	
	Sets ON/OFF exposure time correction of developer stirring time.			
031	by Non-use Time:1			
032	by Non-use Time:2			
033	by Non-use Time:3			
034	by Non-use Time:4			
035	by Non-use Time:5		[0 to 3000 / 0 / 1sec/step]	
036	by Non-use Time:6			
037	by Non-use Time:7			
038	by Non-use Time:8			
039	by Non-use Time:9			
040	by Non-use Time:10			
041	Non-use Time Threshhold:1		[0 to 5000 / **15** / 1min/step]	
042	Non-use Time Threshhold:2		[0 to 5000 / **30** / 1min/step]	
043	Non-use Time Threshhold:3		[0 to 5000 / **60** / 1min/step]	
044	Non-use Time Threshhold:4		[0 to 5000 / **120** / 1min/step]	
045	Non-use Time Threshhold:5		[0 to 5000 / **240** / 1min/step]	
046	Non-use Time Threshhold:6		[0 to 5000 / **360** / 1min/step]	
047	Non-use Time Threshhold:7		[0 to 5000 / **720** / 1min/step]	
048	Non-use Time Threshhold:8		[0 to 5000 / **1440** / 1min/step]	
049	Non-use Time Threshhold:9		[0 to 5000 / **2880** / 1min/step]	
050	ON/OFF(by Non-use Time)	*ENG	[0 or 1 / **1** / 1/step]	
	Sets ON/OFF image area correction of developer stirring time.			

2

3539	[Dev Agitating Time :Set]			
	Sets stirring time based on image area of developer stirring time.			
051	by DotCoverage :1	*ENG	[0 to 3000 / **0** / 1sec/step]	
052	by DotCoverage :2	*ENG		
053	by DotCoverage :3	*ENG	[0 to 3000 / **5** / 1sec/step]	
054	by DotCoverage :4	*ENG		
055	by DotCoverage :5	*ENG		
056	by DotCoverage :6	*ENG		

3539	[Dev Agitating Time :Set]			
	Sets image area threshold of developer stirring time.			
061	DotCoverage Threshhold:1	*ENG	[0 to 5000 / **10** / 1min/step]
062	DotCoverage Threshhold:2	*ENG	[0 to 5000 / **20** / 1min/step]
063	DotCoverage Threshhold:3	*ENG	[0 to 5000 / **30** / 1min/step]
064	DotCoverage Threshhold:4	*ENG	[0 to 5000 / **40** / 1min/step]
065	DotCoverage Threshhold:5	*ENG	[0 to 5000 / **50** / 1min/step]

3539	[Dev Agitating Time :Set]		
099	UpperLimit	*ENG	[0 to 3600 / **3600** / 1sec/step]
	Sets upper limit of developer stirring time.		

3540	[PowerON Music :Set]		
	Sets sheets count for Power ON MUSIC.		
001	Page Cnt:BW	*ENG	[0 to 5000 / **0** / 1sheet/step]
002	Page Cnt:FC	*ENG	

3541	[Music Interval :Set]
	Sets sheets count for Power ON MUSIC.

	001	Page Cnt:BW	*ENG	[0 to 5000 / **0** / 1sheet/step]
	002	Page Cnt:FC	*ENG	
3541		[Realtime Music Interval :Set]		
		Saves / Updates this SP with print count in B&W + color mode since the last MUSIC for to use with real time MUSIC.		
	003	Page Cnt:BW+FC	*ENG	[0 to 5000 / **0** / 1sheet/step]

		[Refresh Mode]		
3550		Display image area needs to be refreshed. Consumes toner with density adjust or when print finished if this value is larger than set.		
	001	Required Area: K	*ENG	[0 to 65535 / **0** / 1cm^2]
	002	Required Area: C	*ENG	
	003	Required Area: M	*ENG	
	004	Required Area: Y	*ENG	
3550		[Refresh Mode]		
		Uses for to calculate discharge amount when discharging toner at end of print.		
	011	Dev. Unit Rotation: Display: Bk	*ENG	[0.0 to 1000.0 / **0.0** / 0.1m/step]
	012	Dev. Unit Rotation: Display: C	*ENG	
	013	Dev. Unit Rotation: Display: M	*ENG	
	014	Dev. Unit Rotation: Display: Y	*ENG	
3550		[Refresh Mode]		
	021	Rotation Threshold	*ENG	[0.0 to 1000.0 / **0.1** / 0.1m/step]
		Uses for execute judging of discharging toner at end of print.		
3550		[Refresh Mode]		
		Uses for to calculate discharge amount when discharging toner at end of print. With increasing the value, more will be discharged.		

031	Reflesh Threshold: Bk	*ENG	[0 to 255 / **17** / 1cm^2/step]
032	Reflesh Threshold: C	*ENG	
033	Reflesh Threshold: M	*ENG	
034	Reflesh Threshold: Y	*ENG	
3550	**[Refresh Mode]**		
035	Mode Selection Coefficient	ENG	[0 or 1 / **1** / 1/step]
	Uses for to calculate discharge amount when discharging toner at end of print.		
3550	**[Refresh Mode]**		
	Uses for to calculate discharge amount when discharging toner at end of print. With increasing the value, more will be discharged.		
041	Job End Area Coefficient:K	*ENG	[0.1 to 25.5 / **1.0** / 0.1/step]
042	Job End Vb Coefficient:K	*ENG	[0 to 100 / **40** / 1%/step]
043	Job End Length:K	*ENG	[0 to 255 / **25** / 1mm/step]
044	Job End Supply	*ENG	[0.000 to 1.000 / **0.450** / 0.001mg/cm^2]
045	Job End Area Coefficient:YMC	*ENG	[0.1 to 25.5 / **1.0** / 0.1/step]
046	Job End Vb Coefficient:YMC	*ENG	[0 to 100 / **40** / 1%/step]
047	Job End Length:YMC	*ENG	[0 to 255 / **25** / 1mm/step]
3550	**[Refresh Mode]**		
081	TC Adj. Consume(Upp Limit)	*ENG	[0 to 255 / **20** / 1times/step]
	Sets consume counts (upper limit) for toner density adjusting Pro-Con.		

3552	**[Blade damage prevention mode]**		
001	Execution Temp. Threshold	*ENG	[0 to 50 / **40** / 1deg/step]
	Sets temperature threshold for creating blade Tear off prevent pattern.		

3553	**[Transfer belt cleaning]**		

001	TransferIdleTime Temperature:H	*ENG	[0.0 to 3.0 / **0.0** / 0.1revolutions/step]
	Prevents poor cleaning by racing the image transfer when going over temperature threshold t2 and poor cleaning occurred right after Pro-Con/MUSIC etc... adjust pattern was entered.			
002	TransferIdleTime Temperature:M	*ENG	[0.0 to 3.0 / **0.0** / 0.1revolutions/step]
	Prevents poor cleaning by racing the image transfer when between temperature threshold t1 to t2 and poor cleaning occurred right after Pro-Con/MUSIC etc... adjust pattern was entered.			
003	TransferIdleTime Temperature:L	*ENG	[0.0 to 3.0 / **0.0** / 0.1revolutions/step]
	Prevents poor cleaning by racing the image transfer when smaller than temperature threshold t1 and poor cleaning occurred right after Pro-Con/MUSIC etc... adjust pattern was entered.			
004	TransferIdleTime Temperature:L:ON	*ENG	[0.0 to 3.0 / **0.0** / 0.1revolutions/step]
	Prevents poor cleaning by racing the image transfer when smaller than temperature threshold t1 and poor cleaning occurred right after Pro-Con/MUSIC etc... adjust pattern was entered when starting up machine fist in the morning.			
005	Temperature Threshold:T2	*ENG	[20 to 30 / **25** / 1deg/step]
	Adjusts temperature threshold of poor cleaning to occur after Pro-Con/MUSIC etc... adjusting pattern was entered.			
006	Temperature Threshold:T1	*ENG	[0 to 15 / **15** / 1deg/step]
	Adjusts temperature threshold of poor cleaning to occur after Pro-Con/MUSIC etc... adjusting pattern was entered.			
007	Temperature Threshold:T3	*ENG	[0 to 30 / **5** / 1deg/step]
	Adjusts threshold for wide stripes to occur in the image of the next job caused by image transfer belt cleaning after job stops.			

3554	[TransBltCleanBladeReplMode:Exe]			
001	Execute	ENG	[0 or 1 / **0** / 1/step]
	Executes replace mode of paper transfer cleaning blade.			
	* Specification unapplied SP, No use.			

002	Idle Time	ENG	[0.1 to 60.0 / **10.0** / 0.1sec/step]
	Sets paper transfer racing time for when replace mode of paper transfer cleaning blade.		
	* Specification unapplied SP, No use.		

3555	[ImageQuality Adj. Counter:Disp]		
001	Charge AC Control	*ENG	[0 to 2000 / **0** / 1page/step]
	For to use with adjusting control of electrify AC bias.		

3600	[Select ProCon]		
001	Potential Control	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Sets electric potential control method.		
002	LD Control	*ENG	[0 to 3 / **1** / 1/step] 0: OFF 1: ON
	Sets LD control method.		
003	TC Adj. Mode	*ENG	[0 to 3 / **3** / 1/step] 0: Do Not Execute 1: 1st Power On 2: 1st Power On & Job End 3: 1st P_On & JE &printing
	Sets Execution timing of toner density adjusting Pro-Con.		
004	ACC Before ProCon	*ENG	[0 to 3 / **2** / 1/step] 0: NotExecute 1: ProcessControl 2: TCContorol
	Executes same action as Pro-Con executed before ACC, from SP.		

006	Pattern Cal. Method	*ENG	[0 to 3 / **0** / 1/step] 0: FIXED 1: INITIALIZED 2: CALCULATED
	Executes same action as Pro-Con executed before ACC, from SP.		
010	ActivePotentialControl	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Sets electric potential control method for during printing.		
030	IBACC:ON/OFF	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Sets execute ON/OFF of IBACC.		
060	Vsg ITB Internal Circumference Correction	*ENG	[0 or 1 / **1** / 1/step] 0: OFF 1: ON
	Sets execute ON/OFF of Vsg paper transfer internal rotate correction.		

3610	[Chrg AC Control]		
	Displays electrify AC control value decided with electrify AC control.		
001	Std Speed: K	*ENG	
002	Std Speed: C	*ENG	[0.00 to 3.00 / **2.20** / 0.01kV]
003	Std Speed: M	*ENG	
004	Std Speed: Y	*ENG	

3611	[Chrg DC Control]
	Displays electrify DC bias decided with Pro-Con.

001	Std Speed: K	*ENG	
002	Std Speed: C	*ENG	
003	Std Speed: M	*ENG	
004	Std Speed: Y	*ENG	
011	Mid Speed: K	*ENG	
012	Mid Speed: C	*ENG	
013	Mid Speed: M	*ENG	[300 to 1000 / **690** / 1-V/step]
014	Mid Speed: Y	*ENG	
021	Low Speed: K	*ENG	
022	Low Speed: C	*ENG	
023	Low Speed: M	*ENG	
024	Low Speed: Y	*ENG	
3611	[Chrg DC Control]		
	Displays electrify DC bias decided with Pro-Con.		
031	Std Speed: K (Front)		[300 to 1000 / **690** / 1-V/step]
032	Std Speed: C (Front)		[300 to 1000 / **690** / 1-V/step]
033	Std Speed: M (Front)		[300 to 1000 / **690** / 1-V/step]
034	Std Speed: Y (Front)		[300 to 1000 / **690** / 1-V/step]
041	Mid Speed: K (Front)		[300 to 1000 / **690** / 1-V/step]
042	Mid Speed: C (Front)		[300 to 1000 / **690** / 1-V/step]
043	Mid Speed: M (Front)		[300 to 1000 / **690** / 1-V/step]
044	Mid Speed: Y (Front)		[300 to 1000 / **690** / 1-V/step]
051	Low Speed: K (Front)		[300 to 1000 / **690** / 1-V/step]
052	Low Speed: C (Front)		[300 to 1000 / **690** / 1-V/step]
053	Low Speed: M (Front)		[300 to 1000 / **690** / 1-V/step]
054	Low Speed: Y (Front)		[300 to 1000 / **690** / 1-V/step]

2

061	Std Speed: K (Center)		[300 to 1000 / **690** / 1-V/step]
062	Std Speed: C (Center)		[300 to 1000 / **690** / 1-V/step]
063	Std Speed: M (Center)		[300 to 1000 / **690** / 1-V/step]
064	Std Speed: Y (Center)		[300 to 1000 / **690** / 1-V/step]
071	Mid Speed: K (Center)		[300 to 1000 / **690** / 1-V/step]
072	Mid Speed: C (Center)		[300 to 1000 / **690** / 1-V/step]
073	Mid Speed: M (Center)		[300 to 1000 / **690** / 1-V/step]
074	Mid Speed: Y (Center)		[300 to 1000 / **690** / 1-V/step]
081	Low Speed: K (Center)		[300 to 1000 / **690** / 1-V/step]
082	Low Speed: C (Center)		[300 to 1000 / **690** / 1-V/step]
083	Low Speed: M (Center)		[300 to 1000 / **690** / 1-V/step]
084	Low Speed: Y (Center)		[300 to 1000 / **690** / 1-V/step]
091	Std Speed: K (Rear)		[300 to 1000 / **690** / 1-V/step]
092	Std Speed: C (Rear)		[300 to 1000 / **690** / 1-V/step]
093	Std Speed: M (Rear)		[300 to 1000 / **690** / 1-V/step]
094	Std Speed: Y (Rear)		[300 to 1000 / **690** / 1-V/step]
101	Mid Speed: K (Rear)		[300 to 1000 / **690** / 1-V/step]
102	Mid Speed: C (Rear)		[300 to 1000 / **690** / 1-V/step]
103	Mid Speed: M (Rear)		[300 to 1000 / **690** / 1-V/step]
104	Mid Speed: Y (Rear)		[300 to 1000 / **690** / 1-V/step]
111	Low Speed: K (Rear)		[300 to 1000 / **690** / 1-V/step]
112	Low Speed: C (Rear)		[300 to 1000 / **690** / 1-V/step]
113	Low Speed: M (Rear)		[300 to 1000 / **690** / 1-V/step]
114	Low Speed: Y (Rear)		[300 to 1000 / **690** / 1-V/step]
201	Now:Std Speed: K	ENG	[300 to 1000 / **690** / 1-V/step]
202	Now:Std Speed: C	ENG	[300 to 1000 / **690** / 1-V/step]

203	Now:Std Speed: M	ENG	[300 to 1000 / **690** / 1-V/step]
204	Now:Std Speed: Y	ENG	[300 to 1000 / **690** / 1-V/step]
3611	[Chrg DC Control]		
	Electrify bias to actually set including value corrected with RTP.		
211	Now:Mid Speed: K	ENG	[300 to 1000 / **690** / 1-V/step]
212	Now:Mid Speed: C	ENG	[300 to 1000 / **690** / 1-V/step]
213	Now:Mid Speed: M	ENG	[300 to 1000 / **690** / 1-V/step]
214	Now:Mid Speed: Y	ENG	[300 to 1000 / **690** / 1-V/step]
221	Now:Low Speed: K	ENG	[300 to 1000 / **690** / 1-V/step]
222	Now:Low Speed: C	ENG	[300 to 1000 / **690** / 1-V/step]
223	Now:Low Speed: M	ENG	[300 to 1000 / **690** / 1-V/step]
224	Now:Low Speed: Y	ENG	[300 to 1000 / **690** / 1-V/step]

3612	[Dev DC Control]		
	Displays develop bias decided with Pro-Con.		
001	Std Speed: K	*ENG	[200 to 800 / **550** / 1-V/step]
002	Std Speed: C	*ENG	[200 to 800 / **550** / 1-V/step]
003	Std Speed: M	*ENG	[200 to 800 / **550** / 1-V/step]
004	Std Speed: Y	*ENG	[200 to 800 / **550** / 1-V/step]
011	Mid Speed: K	*ENG	[200 to 800 / **550** / 1-V/step]
012	Mid Speed: C	*ENG	[200 to 800 / **550** / 1-V/step]
013	Mid Speed: M	*ENG	[200 to 800 / **550** / 1-V/step]
014	Mid Speed: Y	*ENG	[200 to 800 / **550** / 1-V/step]
021	Low Speed: K	*ENG	[200 to 800 / **550** / 1-V/step]
022	Low Speed: C	*ENG	[200 to 800 / **550** / 1-V/step]
023	Low Speed: M	*ENG	[200 to 800 / **550** / 1-V/step]

024	Low Speed: Y	*ENG	[200 to 800 / **550** / 1-V/step]
031	Std Speed: K (Front)		[200 to 800 / **550** / 1-V/step]
032	Std Speed: C (Front)		[200 to 800 / **550** / 1-V/step]
033	Std Speed: M (Front)		[200 to 800 / **550** / 1-V/step]
034	Std Speed: Y (Front)		[200 to 800 / **550** / 1-V/step]
041	Mid Speed: K (Front)		[200 to 800 / **550** / 1-V/step]
042	Mid Speed: C (Front)		[200 to 800 / **550** / 1-V/step]
043	Mid Speed: M (Front)		[200 to 800 / **550** / 1-V/step]
044	Mid Speed: Y (Front)		[200 to 800 / **550** / 1-V/step]
051	Low Speed: K (Front)		[200 to 800 / **550** / 1-V/step]
052	Low Speed: C (Front)		[200 to 800 / **550** / 1-V/step]
053	Low Speed: M (Front)		[200 to 800 / **550** / 1-V/step]
054	Low Speed: Y (Front)		[200 to 800 / **550** / 1-V/step]
061	Std Speed: K (Center)		[200 to 800 / **550** / 1-V/step]
062	Std Speed: C (Center)		[200 to 800 / **550** / 1-V/step]
063	Std Speed: M (Center)		[200 to 800 / **550** / 1-V/step]
064	Std Speed: Y (Center)		[200 to 800 / **550** / 1-V/step]
071	Mid Speed: K (Center)		[200 to 800 / **550** / 1-V/step]
072	Mid Speed: C (Center)		[200 to 800 / **550** / 1-V/step]
073	Mid Speed: M (Center)		[200 to 800 / **550** / 1-V/step]
074	Mid Speed: Y (Center)		[200 to 800 / **550** / 1-V/step]
081	Low Speed: K (Center)		[200 to 800 / **550** / 1-V/step]
082	Low Speed: C (Center)		[200 to 800 / **550** / 1-V/step]
083	Low Speed: M (Center)		[200 to 800 / **550** / 1-V/step]
084	Low Speed: Y (Center)		[200 to 800 / **550** / 1-V/step]
091	Std Speed: K (Rear)		[200 to 800 / **550** / 1-V/step]

092	Std Speed: C (Rear)		[200 to 800 / **550** / 1-V/step]
093	Std Speed: M (Rear)		[200 to 800 / **550** / 1-V/step]
094	Std Speed: Y (Rear)		[200 to 800 / **550** / 1-V/step]
101	Mid Speed: K (Rear)		[200 to 800 / **550** / 1-V/step]
102	Mid Speed: C (Rear)		[200 to 800 / **550** / 1-V/step]
103	Mid Speed: M (Rear)		[200 to 800 / **550** / 1-V/step]
104	Mid Speed: Y (Rear)		[200 to 800 / **550** / 1-V/step]
111	Low Speed: K (Rear)		[200 to 800 / **550** / 1-V/step]
112	Low Speed: C (Rear)		[200 to 800 / **550** / 1-V/step]
113	Low Speed: M (Rear)		[200 to 800 / **550** / 1-V/step]
114	Low Speed: Y (Rear)		[200 to 800 / **550** / 1-V/step]
3612	[Dev DC Control]		
120	Set:Vb Limit	*ENG	[0 to 500 / **50** / 1V/step]
	Controls bias variable amount when Pro-Con interrupting.		
3612	[Dev DC Control]		
	Sets upper limit develop Vb.		
121	Set:Limit TC1	*ENG	[1.0 to 15.0 / **6.5** / 0.1wt%/step]
122	Set:Limit TC2	*ENG	[1.0 to 15.0 / **7.0** / 0.1wt%/step]
123	Set:Page Thresh	*ENG	[0 to 999999 / **35000** / 1page/step]
131	Set:Upper Vb Current:K	*ENG	
132	Set:Upper Vb Current:C	*ENG	[0 to 800 / **600** / 1V/step]
133	Set:Upper Vb Current:M	*ENG	
134	Set:Upper Vb Current:Y	*ENG	
3612	[Dev DC Control]		
	Develop bias to actually set including value corrected with RTP.		
201	Now:Std Speed: K	ENG	[200 to 800 / **690** / 1-V/step]

202	Now:Std Speed: C	ENG	[200 to 800 / **690** / 1-V/step]
203	Now:Std Speed: M	ENG	[200 to 800 / **690** / 1-V/step]
204	Now:Std Speed: Y	ENG	[200 to 800 / **690** / 1-V/step]
211	Now:Mid Speed: K	ENG	[200 to 800 / **690** / 1-V/step]
212	Now:Mid Speed: C	ENG	[200 to 800 / **690** / 1-V/step]
213	Now:Mid Speed: M	ENG	[200 to 800 / **690** / 1-V/step]
214	Now:Mid Speed: Y	ENG	[200 to 800 / **690** / 1-V/step]
221	Now:Low Speed: K	ENG	[200 to 800 / **690** / 1-V/step]
222	Now:Low Speed: C	ENG	[200 to 800 / **690** / 1-V/step]
223	Now:Low Speed: M	ENG	[200 to 800 / **690** / 1-V/step]
224	Now:Low Speed: Y	ENG	[200 to 800 / **690** / 1-V/step]

3613	**[LD Power Control]**		
	Displays LD power decided with Pro-Con.		
001	Std Speed: K	*ENG	[0 to 200 / **100** / 1%/step]
002	Std Speed: C		[0 to 200 / **100** / 1%/step]
003	Std Speed: M		[0 to 200 / **100** / 1%/step]
004	Std Speed: Y		[0 to 200 / **100** / 1%/step]
011	Mid Speed: K		[0 to 200 / **100** / 1%/step]
012	Mid Speed: C		[0 to 200 / **100** / 1%/step]
013	Mid Speed: M		[0 to 200 / **100** / 1%/step]
014	Mid Speed: Y		[0 to 200 / **100** / 1%/step]
021	Std Speed: K		[0 to 200 / **100** / 1%/step]
022	Std Speed: C		[0 to 200 / **100** / 1%/step]
023	Std Speed: M		[0 to 200 / **100** / 1%/step]
024	Std Speed: Y		[0 to 200 / **100** / 1%/step]

031	Std Speed: K (Front)		[0 to 200 / **100** / 1%/step]
032	Std Speed: C (Front)		[0 to 200 / **100** / 1%/step]
033	Std Speed: M (Front)		[0 to 200 / **100** / 1%/step]
034	Std Speed: Y (Front)		[0 to 200 / **100** / 1%/step]
041	Mid Speed: K (Front)		[0 to 200 / **100** / 1%/step]
042	Mid Speed: C (Front)		[0 to 200 / **100** / 1%/step]
043	Mid Speed: M (Front)		[0 to 200 / **100** / 1%/step]
044	Mid Speed: Y (Front)		[0 to 200 / **100** / 1%/step]
051	Low Speed: K (Front)		[0 to 200 / **100** / 1%/step]
052	Low Speed: C (Front)		[0 to 200 / **100** / 1%/step]
053	Low Speed: M (Front)		[0 to 200 / **100** / 1%/step]
054	Low Speed: Y (Front)		[0 to 200 / **100** / 1%/step]
061	Std Speed: K (Center)		[0 to 200 / **100** / 1%/step]
062	Std Speed: C (Center)		[0 to 200 / **100** / 1%/step]
063	Std Speed: M (Center)		[0 to 200 / **100** / 1%/step]
064	Std Speed: Y (Center)		[0 to 200 / **100** / 1%/step]
071	Mid Speed: K (Center)		[0 to 200 / **100** / 1%/step]
072	Mid Speed: C (Center)		[0 to 200 / **100** / 1%/step]
073	Mid Speed: M (Center)		[0 to 200 / **100** / 1%/step]
074	Mid Speed: Y (Center)		[0 to 200 / **100** / 1%/step]
081	Low Speed: K (Center)		[0 to 200 / **100** / 1%/step]
082	Low Speed: C (Center)		[0 to 200 / **100** / 1%/step]
083	Low Speed: M (Center)		[0 to 200 / **100** / 1%/step]
084	Low Speed: Y (Center)		[0 to 200 / **100** / 1%/step]
091	Std Speed: K (Rear)		[0 to 200 / **100** / 1%/step]
092	Std Speed: C (Rear)		[0 to 200 / **100** / 1%/step]

093	Std Speed: M (Rear)		[0 to 200 / **100** / 1%/step]
094	Std Speed: Y (Rear)		[0 to 200 / **100** / 1%/step]
3613	**[LD Power Control]**		
	LD Power of Pro-Con pattern part.		
101	PrcsCntrlCorrect:K	ENG	[0 to 200 / **140** / 1%/step]
102	PrcsCntrlCorrect:C	ENG	[0 to 200 / **140** / 1%/step]
103	PrcsCntrlCorrect:M	ENG	[0 to 200 / **140** / 1%/step]
104	PrcsCntrlCorrect:Y	ENG	[0 to 200 / **140** / 1%/step]
111	Low Speed: K (Rear)		[0 to 200 / **140** / 1%/step]
112	Low Speed: C (Rear)		[0 to 200 / **140** / 1%/step]
113	Low Speed: M (Rear)		[0 to 200 / **140** / 1%/step]
114	Low Speed: Y (Rear)		[0 to 200 / **140** / 1%/step]
121	Mid Speed: K (Rear)		[0 to 200 / **140** / 1%/step]
122	Mid Speed: C (Rear)		[0 to 200 / **140** / 1%/step]
123	Mid Speed: M (Rear)		[0 to 200 / **140** / 1%/step]
124	Mid Speed: Y (Rear)		[0 to 200 / **140** / 1%/step]
3613	**[LD Power Control]**		
	Ld Power to actually set including value corrected with RTP.		
201	Now:Std Speed: K	ENG	[0 to 200 / **100** / 1%/step]
202	Now:Std Speed: C	ENG	[0 to 200 / **100** / 1%/step]
203	Now:Std Speed: M	ENG	[0 to 200 / **100** / 1%/step]
204	Now:Std Speed: Y	ENG	[0 to 200 / **100** / 1%/step]
211	Now:Mid Speed: K	ENG	[0 to 200 / **100** / 1%/step]
212	Now:Mid Speed: C	ENG	[0 to 200 / **100** / 1%/step]
213	Now:Mid Speed: M	ENG	[0 to 200 / **100** / 1%/step]
214	Now:Mid Speed: Y	ENG	[0 to 200 / **100** / 1%/step]

221	Now:Low Speed: K	ENG	[0 to 200 / **100** / 1%/step]
222	Now:Low Speed: C	ENG	[0 to 200 / **100** / 1%/step]
223	Now:Low Speed: M	ENG	[0 to 200 / **100** / 1%/step]
224	Now:Low Speed: Y	ENG	[0 to 200 / **100** / 1%/step]

3619	**[Bias:Spd Corr]**		
	Sets correction conditions per line speed of develop bias.		
001	VbCoef:Std Spd: K	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
002	VbCoef:Std Spd: C	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
003	VbCoef:Std Spd: M	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
004	VbCoef:Std Spd: Y	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
011	VbCoef:Mid Spd: K	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
012	VbCoef:Mid Spd: C	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
013	VbCoef:Mid Spd: M	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
014	VbCoef:Mid Spd: Y	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
021	VbCoef:Low Spd: K	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
022	VbCoef:Low Spd: C	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
023	VbCoef:Low Spd: M	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
024	VbCoef:Low Spd: Y	*ENG	[0.50 to 1.50 / **1.00** / 0.01/step]
051	Offset: Std Spd: K	*ENG	[-128 to 127 / **39** / 1V/step]
052	Offset: Std Spd: C	*ENG	[-128 to 127 / **39** / 1V/step]
053	Offset: Std Spd: M	*ENG	[-128 to 127 / **39** / 1V/step]
054	Offset: Std Spd: Y	*ENG	[-128 to 127 / **39** / 1V/step]
061	Offset: Mid Spd: K	*ENG	[-128 to 127 / **39** / 1V/step]
062	Offset: Mid Spd: C	*ENG	[-128 to 127 / **39** / 1V/step]
063	Offset: Mid Spd: M	*ENG	[-128 to 127 / **39** / 1V/step]

064	Offset: Mid Spd: Y	*ENG	[-128 to 127 / **39** / 1V/step]
071	Offset: Low Spd: K	*ENG	[-128 to 127 / **39** / 1V/step]
072	Offset: Low Spd: C	*ENG	[-128 to 127 / **39** / 1V/step]
073	Offset: Low Spd: M	*ENG	[-128 to 127 / **39** / 1V/step]
074	Offset: Low Spd: Y	*ENG	[-128 to 127 / **39** / 1V/step]

3620	[ProCon Target M/A]		
001	Maximum M/A:K	*ENG	[0.250 to 0.750 / **0.370** / 0.001mg/cm2/step]
	Sets solid deposit (K).		
002	Maximum M/A:C	*ENG	[0.250 to 0.750 / **0.400** / 0.001mg/cm2/step]
	Sets solid deposit (C).		
003	Maximum M/A:M	*ENG	[0.250 to 0.750 / **0.450** / 0.001mg/cm2/step]
	Sets solid deposit (M).		
004	Maximum M/A:Y	*ENG	[0.250 to 0.750 / **0.400** / 0.001mg/cm2/step]
	Sets solid deposit (Y).		

3621	[Backgroud Pot:Set]		
	• Sets background potential • Default: 100V, carrier deposit will occur when setting value too high.		
001	Slope:K	*ENG	[-1000 to 1000 / **0** / 1/step]
002	Slope:C	*ENG	
003	Slope:M	*ENG	
004	Slope:Y	*ENG	

011	intercept:K	*ENG	[0 to 255 / **120** / 1V/step]
012	intercept:C	*ENG	
013	intercept:M	*ENG	
014	intercept:Y	*ENG	
3621	[Backgroud Pot:Set]		
	Sets background potential. (Upper/lower limit).		
051	UpperLimit	*ENG	[100 to 1000 / **150** / 1V/step]
052	LowerLimit	*ENG	[0 to 100 / **100** / 1V/step]

3622	[Dev Pot :Set]		
001	Current:K	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Current Value (K).		
002	Current:C	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Current Value (C).		
003	Current:M	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Current Value (M).		
004	Current:Y	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Current Value (Y).		
011	Current:F_K	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Target Value (K).		
012	Current:F_C	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Target Value (C).		
013	Current:F_M	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Target Value (M).		
014	Current:F_Y	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Target Value (Y).		

021	Current:C_K	ENG	[0 to 800 / **0** / 1V/step]
	Displays develop potential (K).		
022	Current:C_C	ENG	[0 to 800 / **0** / 1V/step]
	Displays develop potential (C).		
023	Current:C_M	ENG	[0 to 800 / **0** / 1V/step]
	Displays develop potential (M).		
024	Current:C_Y	ENG	[0 to 800 / **0** / 1V/step]
	Displays develop potential (Y).		
031	Current:R_K	ENG	[0 to 800 / **0** / 1V/step]
	Displays develop potential (K).		
032	Current:R_C	ENG	[0 to 800 / **0** / 1V/step]
	Displays develop potential (C).		
033	Current:R_M	ENG	[0 to 800 / **0** / 1V/step]
	Displays develop potential (M).		
034	Current:R_Y	ENG	[0 to 800 / **0** / 1V/step]
	Displays develop potential (Y).		
051	UpperLimit	*ENG	[400 to 800 / **700** / 1V/step]
	Sets Development Potential (Upper Limit) (K).		
052	UpperLimit	*ENG	[400 to 800 / **700** / 1V/step]
	Sets Development Potential (Upper Limit) (C).		
053	UpperLimit	*ENG	[400 to 800 / **700** / 1V/step]
	Sets Development Potential (Upper Limit) (M).		
054	UpperLimit	*ENG	[400 to 800 / **700** / 1V/step]
	Sets Development Potential (Upper Limit) (Y).		
061	LowerLimit	*ENG	[0 to 400 / **200** / 1V/step]
	Sets Development Potential (Lower Limit) (K).		

062	LowerLimit	*ENG	[0 to 400 / **200** / 1V/step]
	Sets Development Potential (Lower Limit) (C).		
063	LowerLimit	*ENG	[0 to 400 / **200** / 1V/step]
	Sets Development Potential (Lower Limit) (M).		
064	LowerLimit	*ENG	[0 to 400 / **200** / 1V/step]
	Sets Development Potential (Lower Limit) (Y).		
101	Target:K	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Current Value (K) according to paper.		
102	Target:C	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Current Value (C) according to paper.		
103	Target:M	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Current Value (M) according to paper.		
104	Target:Y	*ENG	[0 to 800 / **0** / 1V/step]
	Displays Development Potential: Current Value (Y) according to paper.		
111	Target Corr:K	*ENG	[-128 to 127 / **0** / 1/step]
	Displays develop potential target value correction amount (K).		
112	Target Corr:C	*ENG	[-128 to 127 / **0** / 1/step]
	Displays develop potential target value correction amount (C).		
113	Target Corr:M	*ENG	[-128 to 127 / **0** / 1/step]
	Displays develop potential target value correction amount (M).		
114	Target Corr:Y	*ENG	[-128 to 127 / **0** / 1/step]
	Displays develop potential target value correction amount (Y).		
121	Vk:Upper_K	*ENG	[0 to 255 / **30** / 1-V/step]
	Regulates upper limit of start developing voltage value (K).		
122	Vk:Upper_Col	*ENG	[0 to 255 / **30** / 1-V/step]
	Regulates upper limit of start developing voltage value (Col).		

123	Vk:Lower_K	*ENG	[-128 to 0 / **-90** / 1-V/step]
	Regulates lower limit of start developing voltage value (K).		
124	Vk:Lower_Col	*ENG	[-128 to 0 / **-60** / 1-V/step]
	Regulates lower limit of start developing voltage value (Col).		

3623	[LD Power :Set]		
	Sets background potential • Default: 100V • Carrier deposit will occur when setting value too high.		
001	Std Speed Slope:K	*ENG	[-1000 to 1000 / **D146, D147: 213, D148: 221, D149, D150: 233** / 1/step]
002	Std Speed Slope:C	*ENG	
003	Std Speed Slope:M	*ENG	
004	Std Speed Slope:Y	*ENG	
011	Std Speed intercept:K	*ENG	[-1000 to 1000 / **-18** / 1/step]
012	Std Speed intercept:C	*ENG	
013	Std Speed intercept:M	*ENG	
014	Std Speed intercept:Y	*ENG	
021	Mid Speed Slope:K	*ENG	[-1000 to 1000 / **213** / 1/step]
022	Mid Speed Slope:C	*ENG	
023	Mid Speed Slope:M	*ENG	
024	Mid Speed Slope:Y	*ENG	
031	Mid Speed intercept:K	*ENG	[-1000 to 1000 / **-15** / 1/step]
032	Mid Speed intercept:C	*ENG	
033	Mid Speed intercept:M	*ENG	
034	Mid Speed intercept:Y	*ENG	

041	Low Speed Slope:K	*ENG	
042	Low Speed Slope:C	*ENG	[-1000 to 1000 / **204** / 1/step]
043	Low Speed Slope:M	*ENG	
044	Low Speed Slope:Y	*ENG	
051	Low Speed intercept:K	*ENG	
052	Low Speed intercept:C	*ENG	[-1000 to 1000 / **-15** / 1/step]
053	Low Speed intercept:M	*ENG	
054	Low Speed intercept:Y	*ENG	

3624	[TC Adj. Mode]		
001	Target(Upp Limit)	*ENG	[0.00 to 1.00 / **0.15** / 0.01 mg/cm2/-kV/step]
	Sets Development gamma Adjustment Target (Upp Limit) for Toner Density Adjustment.		
002	Target(Lwr Limit)	*ENG	[-1 to 0.00 / **-0.15** / 0.01 mg/cm2/-kV/step]
	Sets Development gamma Adjustment Target (Lwr Limit) for Toner Density Adjustment.		
005	Force Consume Threshold	*ENG	[1.00 to 6.00 / **1.50** / 0.01 mg/cm2/-kV/step]
	Sets Force Consume Threshold for Density Adjustment.		
006	Consume(Upp Limit)	*ENG	[10 to 2550 / **294** / 1cm^2]
	Sets Consume (Upp Limit) for Density Adjustment.		
007	Consume(Upp Limit)	*ENG	[0 to 255 / **20** / 1times/step]
	Sets Consume (Upp Limit) for Density Adjustment.		
008	Force Supply Threshold	*ENG	[0.00 to 1.00 / **0.50** / 0.01 mg/cm2/-kV/step]
	Sets Force Consume Threshold for Density Adjustment.		
009	Supply(Upp Limit)	*ENG	[0.0 to 50.0 / **3.0** / 0.1g/step]
	Sets Supply (Upp Limit) for Density Adjustment.		

010	Supply(Lwr Limit)	*ENG	[0.0 to 50.0 / **1.0** / 0.1g/step]
	Sets Supply (Lwr Limit) for Density Adjustment.		
021	Consumption Pat: DUTY: K	*ENG	
022	Consumption Pat: DUTY: C	*ENG	[0 to 15 / **15** / 1/step]
023	Consumption Pat: DUTY: M	*ENG	
024	Consumption Pat: DUTY: Y	*ENG	
3624	[TC Adj. Mode]		
031	Max Counts:PowerON	*ENG	[0 to 50 / **0** / 1/step]
	Sets consume counts (upper limit) for toner density adjusting Pro-Con.		
3624	[TC Adj. Mode]		
	Sets adjust counts for toner density adjusting Pro-Con.		
033	Max Counts:Printing	*ENG	[0 to 50 / **0** / 1/step]
034	Max Counts:Job End	*ENG	
035	Max Counts:ACC	*ENG	
036	Max Counts:Initial Setting	*ENG	[0 to 50 / **3** / 1/step]
037	Max Counts:Replenishment	*ENG	
038	Max Counts:Recovery	*ENG	
3624	[TC Adj. Mode]		
	Sets execute threshold for density adjust Pro-Con against absolute humidity.		
071	AbsHumThresh(Upp)	*ENG	[0.00 to 100.00 / **16.00** / 0.01g/m3/step]
072	AbsHumThresh(Low)	*ENG	[0.00 to 100.00 / **4.00** / 0.01g/m3/step]
073	AbsHumThresh(Range)	*ENG	[0.00 to 100.00 / **12.00** / 0.01g/m3/step]

2

2

3627	[P Pattern Extraction :Set]		
	Sets edge detect threshold for ID sensor.		
001	Edge Detection Threshold :K	*ENG	[0.0 to 5.0 / **2.5** / 0.1V/step]
002	Edge Detection Threshold :C	*ENG	
003	Edge Detection Threshold :M	*ENG	
004	Edge Detection Threshold :Y	*ENG	
011	Edge Upper Limit:Potential Control	*ENG	[7.0 to 10.0 / **9.0** / 0.1mm/step]
	Sets upper limit value of edge interval sampling count of P pattern by electric potential control. (Processes an error when exceeding upper limit)		
012	Edge Upper Limit:IBACC	*ENG	[10.0 to 13.0 / **12.0** / 0.1mm/step]
	Sets upper limit value of edge interval sampling count of P pattern by IBACC. (Processes an error when exceeding upper limit)		
013	Edge Upper Limit:RTP		[50 to 80 / 70 / 0.1mm/step]
021	Edge Lower Limit:Potential Control	*ENG	[4.0 to 7.0 / **5.0** / 0.1mm/step]
	Sets lower limit value of edge interval sampling count of P pattern by electric potential control. (Keeps searching when below lower limit value)		
022	Edge Lower Limit:IBACC	*ENG	[7.0 to 10.0 / **8.0** / 0.1mm/step]
	Sets lower limit value of edge interval sampling count of P pattern IBACC. (Keeps searching when below lower limit value)		
023	Edge Lower Limit:RTP	*ENG	[2.0 to 5.0 / **3.0** / 0.1mm/step]
	Sets lower limit value of edge interval sampling count of P pattern RTP. (Keeps searching when below lower limit value)		

3628	[ID Pattern Timing :Set]		
001	Scan: YCMK	*ENG	[-500.0 to 500.0 / **0.0** / 0.1mm/step]
	Adjusts timing of Pro-Con pattern detect by P sensor.		

002	Detection Delay Time	*ENG	[0 to 2500 / **0** / 1msec/step]
	Adjusts alienation start timing of paper transfer.		
003	Delay Time	*ENG	[0 to 2500 / **778** / 1msec/step]
	Adjusts start write timing of P pattern.		
004	MUSIC Delay Time	*ENG	[0 to 2500 / **150** / 1msec/step]
	Adjusts start write timing of MUSIC.		

3629	[ProCon Pattern:Set]		
	Sets imaging conditions for electric potential control pattern.		
001	ChargeDC: Pattern1: Bk	*ENG	[0 to 999 / **170** / 1V/step]
002	ChargeDC: Pattern2: Bk	*ENG	[0 to 999 / **210** / 1V/step]
003	ChargeDC: Pattern3: Bk	*ENG	[0 to 999 / **250** / 1V/step]
004	ChargeDC: Pattern4: Bk	*ENG	[0 to 999 / **290** / 1V/step]
005	ChargeDC: Pattern5: Bk	*ENG	[0 to 999 / **330** / 1V/step]
006	ChargeDC: Pattern6: Bk	*ENG	[0 to 999 / **370** / 1V/step]
007	ChargeDC: Pattern7: Bk	*ENG	[0 to 999 / **410** / 1V/step]
008	ChargeDC: Pattern8: Bk	*ENG	[0 to 999 / **450** / 1V/step]
009	ChargeDC: Pattern9: Bk	*ENG	[0 to 999 / **490** / 1V/step]
010	ChargeDC: Pattern10: Bk	*ENG	[0 to 999 / **530** / 1V/step]
011	ChargeDC: Pattern1: C	*ENG	[0 to 999 / **170** / 1V/step]
012	ChargeDC: Pattern2: C	*ENG	[0 to 999 / **230** / 1V/step]
013	ChargeDC: Pattern3: C	*ENG	[0 to 999 / **290** / 1V/step]
014	ChargeDC: Pattern4: C	*ENG	[0 to 999 / **350** / 1V/step]
015	ChargeDC: Pattern5: C	*ENG	[0 to 999 / **410** / 1V/step]
016	ChargeDC: Pattern6: C	*ENG	[0 to 999 / **470** / 1V/step]
017	ChargeDC: Pattern7: C	*ENG	[0 to 999 / **530** / 1V/step]

2

018	ChargeDC: Pattern8: C	*ENG	[0 to 999 / **590** / 1V/step]
019	ChargeDC: Pattern9: C	*ENG	[0 to 999 / **650** / 1V/step]
020	ChargeDC: Pattern10: C	*ENG	[0 to 999 / **710** / 1V/step]
021	ChargeDC: Pattern1: M	*ENG	[0 to 999 / **170** / 1V/step]
022	ChargeDC: Pattern2: M	*ENG	[0 to 999 / **230** / 1V/step]
023	ChargeDC: Pattern3: M	*ENG	[0 to 999 / **290** / 1V/step]
024	ChargeDC: Pattern4: M	*ENG	[0 to 999 / **350** / 1V/step]
025	ChargeDC: Pattern5: M	*ENG	[0 to 999 / **410** / 1V/step]
026	ChargeDC: Pattern6: M	*ENG	[0 to 999 / **470** / 1V/step]
027	ChargeDC: Pattern7: M	*ENG	[0 to 999 / **530** / 1V/step]
028	ChargeDC: Pattern8: M	*ENG	[0 to 999 / **590** / 1V/step]
029	ChargeDC: Pattern9: M	*ENG	[0 to 999 / **650** / 1V/step]
030	ChargeDC: Pattern10: M	*ENG	[0 to 999 / **710** / 1V/step]
031	ChargeDC: Pattern1: Y	*ENG	[0 to 999 / **170** / 1V/step]
032	ChargeDC: Pattern2: Y	*ENG	[0 to 999 / **230** / 1V/step]
033	ChargeDC: Pattern3: Y	*ENG	[0 to 999 / **290** / 1V/step]
034	ChargeDC: Pattern4: Y	*ENG	[0 to 999 / **350** / 1V/step]
035	ChargeDC: Pattern5: Y	*ENG	[0 to 999 / **410** / 1V/step]
036	ChargeDC: Pattern6: Y	*ENG	[0 to 999 / **470** / 1V/step]
037	ChargeDC: Pattern7: Y	*ENG	[0 to 999 / **530** / 1V/step]
038	ChargeDC: Pattern8: Y	*ENG	[0 to 999 / **590** / 1V/step]
039	ChargeDC: Pattern9: Y	*ENG	[0 to 999 / **650** / 1V/step]
040	ChargeDC: Pattern10: Y	*ENG	[0 to 999 / **710** / 1V/step]
101	DevelopmentDC: Pattern1: Bk	*ENG	[0 to 999 / **50** / 1V/step]
102	DevelopmentDC: Pattern2: Bk	*ENG	[0 to 999 / **90** / 1V/step]
103	DevelopmentDC: Pattern3: Bk	*ENG	[0 to 999 / **130** / 1V/step]

104	DevelopmentDC: Pattern4: Bk	*ENG	[0 to 999 / **170** / 1V/step]
105	DevelopmentDC: Pattern5: Bk	*ENG	[0 to 999 / **210** / 1V/step]
106	DevelopmentDC: Pattern6: Bk	*ENG	[0 to 999 / **250** / 1V/step]
107	DevelopmentDC: Pattern7: Bk	*ENG	[0 to 999 / **290** / 1V/step]
108	DevelopmentDC: Pattern8: Bk	*ENG	[0 to 999 / **330** / 1V/step]
109	DevelopmentDC: Pattern9: Bk	*ENG	[0 to 999 / **370** / 1V/step]
110	DevelopmentDC: Pattern10: Bk	*ENG	[0 to 999 / **410** / 1V/step]
111	DevelopmentDC: Pattern1: C	*ENG	[0 to 999 / **50** / 1V/step]
112	DevelopmentDC: Pattern2: C	*ENG	[0 to 999 / **110** / 1V/step]
113	DevelopmentDC: Pattern3: C	*ENG	[0 to 999 / **170** / 1V/step]
123	DevelopmentDC: Pattern3: M	*ENG	[0 to 999 / **170** / 1V/step]
124	DevelopmentDC: Pattern4: M	*ENG	[0 to 999 / **230** / 1V/step]
125	DevelopmentDC: Pattern5: M	*ENG	[0 to 999 / **290** / 1V/step]
133	DevelopmentDC: Pattern3: Y	*ENG	[0 to 999 / **170** / 1V/step]
134	DevelopmentDC: Pattern4: Y	*ENG	[0 to 999 / **230** / 1V/step]
135	DevelopmentDC: Pattern5: Y	*ENG	[0 to 999 / **290** / 1V/step]
136	DevelopmentDC: Pattern6: Y	*ENG	[0 to 999 / **350** / 1V/step]
137	DevelopmentDC: Pattern7: Y	*ENG	[0 to 999 / **410** / 1V/step]
138	DevelopmentDC: Pattern8: Y	*ENG	[0 to 999 / **470** / 1V/step]
139	DevelopmentDC: Pattern9: Y	*ENG	[0 to 999 / **530** / 1V/step]
140	DevelopmentDC: Pattern10: Y	*ENG	[0 to 999 / **590** / 1V/step]

3630	[Dev gamma :Disp/Set]		
001	Current:K	*ENG	[0.10 to 6.00 / **0.95** / 0.01 mg/cm2/-kV/step]
	Displays the latest Development gamma (K).		

002	Current:C	*ENG	[0.10 to 6.00 / **0.95** / 0.01 mg/cm2/-kV/step]
	Displays the latest Development gamma (C).		
003	Current:M	*ENG	[0.10 to 6.00 / **1.05** / 0.01 mg/cm2/-kV/step]
	Displays the latest Development gamma (M).		
004	Current:Y	*ENG	[0.10 to 6.00 / **0.95** / 0.01 mg/cm2/-kV/step]
	Displays the latest Development gamma (Y).		
011	Target:K	*ENG	[0.50 to 2.55 / **0.95** / 0.01 mg/cm2/-kV/step]
	Displays Target Value for Development gamma (K).		
	Displays environment correction amount of develop gamma.		
042	Environ Corr:Col	*ENG	[-1.00 to 1.00 / **0.00** / 0.01 mg/cm2/-kV/step]
	Displays environment correction amount of develop gamma.		
051	TnrDensity Corr:K	*ENG	[-1.00 to 1.00 / **0.00** / 0.01 mg/cm2/-kV/step]
	Displays toner density correction amount of develop gamma. (K)		
052	TnrDensity Corr:C	*ENG	[-1.00 to 1.00 / **0.00** / 0.01 mg/cm2/-kV/step]
	Displays toner density correction amount of develop gamma. (C)		
053	TnrDensity Corr:M	*ENG	[-1.00 to 1.00 / **0.00** / 0.01 mg/cm2/-kV/step]
	Displays toner density correction amount of develop gamma. (M)		
054	TnrDensity Corr:Y	*ENG	[-1.00 to 1.00 / **0.00** / 0.01 mg/cm2/-kV/step]
	Displays toner density correction amount of develop gamma. (Y)		

061	TnrDensity:K	*ENG	[0.0 to 25.5 / **0.0** / 0.1 wt%/step]
	Displays Toner Density (K) converted based on TD Sensor output.		
062	TnrDensity:C	*ENG	[0.0 to 25.5 / **0.0** / 0.1 wt%/step]
	Displays Toner Density (C) converted based on TD Sensor output.		
063	TnrDensity:M	*ENG	[0.0 to 25.5 / **0.0** / 0.1 wt%/step]
	Displays Toner Density (M) converted based on TD Sensor output.		
064	TnrDensity:Y	*ENG	[0.0 to 25.5 / **0.0** / 0.1 wt%/step]
	Displays Toner Density (Y) converted based on TD Sensor output.		
071	Environ Corr1:K	*ENG	[-1.00 to 1.00 / **0.00** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 1) of develop gamma.		
072	Environ Corr2:K	*ENG	[-1.00 to 1.00 / **0.04** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 2) of develop gamma.		
073	Environ Corr3:K	*ENG	[-1.00 to 1.00 / **0.06** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 3) of develop gamma.		
074	Environ Corr4:K	*ENG	[-1.00 to 1.00 / **0.08** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 4) of develop gamma.		
075	Environ Corr5:K	*ENG	[-1.00 to 1.00 / **0.10** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 5) of develop gamma.		
076	Environ Corr6:K	*ENG	[-1.00 to 1.00 / **0.10** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 6) of develop gamma		

081	Environ Corr1:Col	*ENG	[-1.00 to 1.00 / **0.00** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 1) of develop gamma.		
082	Environ Corr2:Col	*ENG	[-1.00 to 1.00 / **0.04** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 2) of develop gamma.		
083	Environ Corr3:Col	*ENG	[-1.00 to 1.00 / **0.06** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 3) of develop gamma.		
084	Environ Corr4:Col	*ENG	[-1.00 to 1.00 / **0.08** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 4) of develop gamma.		
085	Environ Corr5:Col	*ENG	[-1.00 to 1.00 / **0.10** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 5) of develop gamma.		
086	Environ Corr6:Col	*ENG	[-1.00 to 1.00 / **0.10** / 0.01 mg/cm2/-kV/step]
	Sets environment correction table value (environment section 6) of develop gamma.		
090	TC-Gamma	*ENG	[0.10 to 0.25 / **0.20** / 0.01/step]
	Slope of TC-develop gamma.		
091	TC Corr ThreshHold:K	*ENG	[7.0 to 12.0 / **9.0** / 0.1wt%/step]
	Sets toner density threshold for correction using TC correction term of develop gamma (target).		
092	TC Corr ThreshHold:C	*ENG	[7.0 to 12.0 / **9.0** / 0.1wt%/step]
	Sets toner density threshold for correction using TC correction term of develop gamma (target).		
093	TC Corr ThreshHold:M	*ENG	[7.0 to 12.0 / **9.0** / 0.1wt%/step]
	Sets toner density threshold for correction using TC correction term of develop gamma (target).		

094	TC Corr ThreshHold:Y	*ENG	[7.0 to 12.0 / **9.0** / 0.1wt%/step]
	Sets toner density threshold for correction using TC correction term of develop gamma (target).		
3630	**[Dev gamma :Disp/Set]**		
101	UpperLimit	*ENG	[1.00 to 5.00 / **5.00** / 0.01mg/cm2/-kV/step]
	Displays initial value of develop gamma (K).		
102	LowerLimit	*ENG	[0.10 to 1.00 / **0.15** / 0.01mg/cm2/-kV/step]
	Displays initial value of develop gamma (C).		
3630	**[Dev gamma :Disp/Set]**		
	Displays latest develop gamma.		
111	Current:F_K	ENG	[0.10 to 6.00 / **0.90** / 0.01mg/cm2/-kV/step]
112	Current:F_C	ENG	[0.10 to 6.00 / **0.80** / 0.01mg/cm2/-kV/step]
113	Current:F_M	ENG	
114	Current:F_Y	ENG	
121	Current:C_K	ENG	[0.10 to 6.00 / **0.90** / 0.01mg/cm2/-kV/step]
122	Current:C_C	ENG	[0.10 to 6.00 / **0.80** / 0.01mg/cm2/-kV/step]
123	Current:C_M	ENG	
124	Current:C_Y	ENG	
131	Current:R_K	ENG	[0.10 to 6.00 / **0.90** / 0.01mg/cm2/-kV/step]
132	Current:R_C	ENG	[0.10 to 6.00 / **0.80** / 0.01mg/cm2/-kV/step]
133	Current:R_M	ENG	
134	Current:R_Y	ENG	

2

3630	[Dev gamma :Disp/Set]		
	Regulates valid deposit amount range for calculating develop gamma.		
141	Range M/A Upp:K	*ENG	[0.20 to 1.00 / **0.40** / 0.01mg/cm2/step]
142	Range M/A Low:K	*ENG	[0.00 to 0.20 / **0.05** / 0.01mg/cm2/step]
143	Range M/A Upp:Col	*ENG	[0.20 to 1.00 / **0.50** / 0.01mg/cm2/step]
144	Range M/A Low:Col	*ENG	[0.00 to 0.20 / **0.05** / 0.01mg/cm2/step]

3631	[Vk :Disp]		
	Displays latest develop start voltage.		
001	Current:K	*ENG	[-300 to 300 / **0** / 1-V/step]
002	Current:C	*ENG	
003	Current:M	*ENG	
004	Current:Y	*ENG	
111	Current:F_K	ENG	[-300 to 300 / **0** / 1-V/step]
112	Current:F_C	ENG	
113	Current:F_M	ENG	
114	Current:F_Y	ENG	
121	Current:C_K	ENG	[-300 to 300 / **0** / 1-V/step]
122	Current:C_C	ENG	
123	Current:C_M	ENG	
124	Current:C_Y	ENG	

131	Current:R_K	ENG	
132	Current:R_C	ENG	[-300 to 300 / **0** / 1-V/step]
133	Current:R_M	ENG	
134	Current:R_Y	ENG	

3650	[APC: Set]		
001	Interval	*ENG	[0 to 200 / **0** / 1page/step]
	Sets executing interval of electric potential control during printing.		
3650	[APC: Set]		
	Sets deposit amount threshold (upper/lower limit) to start supplying with supply gain 3 of electric potential control during print.		
011	Page Cnt:K	*ENG	[0 to 200 / **0** / 1pages/step]
012	Page Cnt:C		[0 to 200 / **0** / 1pages/step]
013	Page Cnt:M		[0 to 200 / **0** / 1pages/step]
014	Page Cnt:Y		[0 to 200 / **0** / 1pages/step]
021	Maximum M/A Corr:K		[-150.000 to 150.000 / **1.000** / 0.001mg/cm2/step]
022	Maximum M/A Corr:C		[-150.000 to 150.000 / **1.000** / 0.001mg/cm2/step]
023	Maximum M/A Corr:M		[-150.000 to 150.000 / **1.000** / 0.001mg/cm2/step]
024	Maximum M/A Corr:Y		[-150.000 to 150.000 / **1.000** / 0.001mg/cm2/step]
031	M/A UpperLimit2:K	*ENG	[0.000 to 0.100 / **0.020** / 0.001mg/cm2/step]
032	M/A UpperLimit2:C	*ENG	
033	M/A UpperLimit2:M	*ENG	[0.000 to 0.100 / **0.020** / 0.001mg/cm2/step]
034	M/A UpperLimit2:Y	*ENG	

041	M/A LowerLimit2:K	*ENG	[0.000 to 0.100 / **0.020** / 0.001mg/cm2/step]
042	M/A LowerLimit2:C	*ENG	
043	M/A LowerLimit2:M	*ENG	[0.000 to 0.100 / **0.020** / 0.001mg/cm2/step]
044	M/A LowerLimit2:Y	*ENG	
3650	**[APC: Set]**		
051	Corr Gain(GAMMA)	*ENG	[0 to 99 / **5** / 1/step]
	Sets correction gain 1 of electric potential control during printing.		
052	Corr Gain(ASSIST)	*ENG	[0 to 99 / **4** / 1/step]
	Sets correction gain 2 of electric potential control during printing.		
053	Corr Gain(ADJUST)	*ENG	[0 to 99 / **6** / 1/step]
	Sets correction gain 3 of electric potential control during printing.		
054	Corr3MaxCnt	*ENG	[0 to 99 / **30** / 1time/step]
	Sets correction times for correction gain 3 of electric potential control during printing.		
055	Interval Coef	*ENG	[0.0 to 1.0 / **0.5** / 0.1/step]
	Correction coefficient to correct Paper interval P pattern create interval.		
056	ADJUSTMaxCnt	*ENG	[0 to 99 / **5** / 1time/step]
	Sets correction times for ASSIST of electric potential control during printing.		
3650	**[APC: Set]**		
	Sets execution flag for correction gain 3 of electric potential control during printing.		
061	ADJUST Flag:K	*ENG	[0 or 1 / **0** / 1/step]
062	ADJUST Flag:C	*ENG	
3650	**[APC: Set]**		
	Displays execution times counter for correction gain 3 of electric potential control during printing.		

071	ADJUST Exe Cnt:K	*ENG	
072	ADJUST Exe Cnt:C	*ENG	[0 to 99 / **0** / 1pages]
073	ADJUST Exe Cnt:M	*ENG	
074	ADJUST Exe Cnt:Y	*ENG	

3650	[APC: Set]		
	Sets delta Vt value to decide Vt threshold of electric potential during printing.		
081	Vt Thresh:Range:K	*ENG	
082	Vt Thresh:Range:C	*ENG	[0.00 to 1.00 / **0.20** / 0.01V/step]
083	Vt Thresh:Range:M	*ENG	
084	Vt Thresh:Range:Y	*ENG	

3650	[APC: Set]		
101	limit:LDP	*ENG	[0 to 10 / **10** / 1%/step]
	Upper limit threshold for LDP variable amount of APC.		
102	limit:Bias	*ENG	[0 to 30 / **10** / 1V/step]
	Upper limit threshold for bias variable amount of APC.		

3660	[IBACC:Disp/Set]		
	Density target value per IBACC pattern.		
001	TargetValue:K_P1	*ENG	[0 to 1023 / **869** / 1/step]
002	TargetValue:K_P2	*ENG	[0 to 1023 / **702** / 1/step]
003	TargetValue:K_P3	*ENG	[0 to 1023 / **522** / 1/step]
004	TargetValue:K_P4	*ENG	[0 to 1023 / **323** / 1/step]
005	TargetValue:K_P5	*ENG	[0 to 1023 / **196** / 1/step]
006	TargetValue:K_P6	*ENG	[0 to 1023 / **254** / 1/step]
021	TargetValue:C_P1	*ENG	[0 to 1023 / **965** / 1/step]
022	TargetValue:C_P2	*ENG	[0 to 1023 / **909** / 1/step]

023	TargetValue:C_P3	*ENG	[0 to 1023 / **832** / 1/step]

3800	[Waste Toner Full Detection]		
022	Background M/A		[0 to 1000000 / **20** / 0.000001mg/mm2/step]
023	Percentage of Transfer Ratio		[0 to 1000 / **810** / 0.1%/step]
024	Date of detection for near full	*ENG	[0 or 1 / **0** / 1/step]
	Displays latest date done mechanical detect.		

3810	[Lubricant End Detection]		
001	Near End Detection Distance: Thres1:Bk	*ENG	[0 to 999999999 / **D146,D147: 0, D148,D149,D150: 689336** / 1cm/step]
	*No use for this machine. Rotation distance threshold: Bk from near end detect to near end detect 2.		
003	End Detection Distance: Thres2:Bk	*ENG	[0 to 999999999 / **689336** / 1cm/step]
	*No use for this machine. Rotation distance threshold: Bk from near end detect to end detect.		
011	Conduction Detection Times Counter:K	*ENG	[0 to 9 / **0** / 1/step]
	*No use for this machine. Accumulation of continues detecting times.		
015	Near End Distance:K	*ENG	[0 to 999999999 / **0** / 1cm/step]
	*No use for this machine. PCU rotation distance of when detecting near end: saving SP		

021	Detection Flag:K	*ENG	[0 to 3 / **0** / 1/step] 0: Undetected 1: mechanically detected 2: Near end detected 3: End detected.
	*No use for this machine. Detect flag		
025	New Unit Detection Flag:K	*ENG	[0 or 1 / **0** / 1/step] 0: Normal state 1: New article detected
	*No use for this machine. New article detect flag		

3894	[Engine Counter Clear]		
001	Mainframe SP		[0 or 1 / **0** / 1/step]
002	AIT-ID chip		[0 or 1 / **0** / 1/step]
003	Toner tag		[0 or 1 / **0** / 1/step]
004	All		[0 or 1 / **0** / 1/step]

3905	[Recycled Parts: New/Old Flag]		
	Sets a flag able to recognize whether PCU is New or recycled per machine unit. (Set to "1" for recycled)		
001	OPC:K	*ENG	[0 or 1 / **0** / 1/step]
002	OPC:C	*ENG	
003	OPC:M	*ENG	
004	OPC:Y	*ENG	

Main SP Tables - 4

SP4-XXX (Scanner)

4008	[Sub Scan Magnification Adj]		
	Adjusts Sub Scan Magnification by 0.1% each step.		
001	-	*ENG	[-1.0 to 1.0 / **0.0** / 0.1 %/step] Picture will stretch as value increases. Picture will shrink as value decreases.

4010	[Sub Scan Registration Adj]		
	Adjusts Sub Scan Registration position of book scanner by 0.1mm each step.		
001	-	*ENG	[-2.0 to 2.0 / **0.0** / 0.1 mm/step] Picture will move to back edge of sub scan as value increases. Picture will move to front edge of sub scan as value decreases.

4011	[Main Scan Reg]		
	Adjust Main Scan Registration position by 0.1mm each step.		
001	-	*ENG	[-2.5 to 2.5 / **0.0** / 0.1 mm/step] Picture moves to right as value increases. Picture moves to left as value decreases.

4012	[Set Scale Mask]
	Adjusts scanning margins for the leading and trailing edges (sub scan) and right and left edge (main scan).
	🡇 **Note**
	• Do not adjust unless the customer desires a scanner margin greater than the printer margin. These settings are adjusted to erase shadows caused by the gap between the original and the scale of the scanner unit.

001	Book:Sub LEdge	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase scale shadow of sub scan leading edge (left side or original table) when scanning with book scanner.		
002	Book:Sub TEdge	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase scale shadow of sub scan trailing edge (right side or original table) when scanning with book scanner.		
003	Book:Main:LEdge	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase scale shadow of main scan leading edge (rear side or original table) when scanning with book scanner.		
004	Book:Main:TEdge	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase scale shadow of main scan trailing edge (front side or original table) when scanning with book scanner.		
005	ADF: Leading Edge	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase scale shadow of sub scan leading edge when scanning with ADF.		
007	ADF: Right	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase scale shadow of main scan leading edge when scanning with ADF.		
008	ADF: left	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase scale shadow of main scan trailing edge when scanning with ADF.		

4013	[Scanner Free Run]		
	⬇Note		
	• Scan operation amount will depend of the latest scanning size		
001	Book mode :Lamp Off	ENG	[0 or 1 / **0** / 1/step] 0: OFF 1: ON
	Repeats carriage reciprocating motion with lamp off.		

2

002	Book mode :Lamp On	ENG	[0 or 1 / **0** / 1/step] 0: OFF 1: ON
	Repeats carriage reciprocating motion with lamp on.		

4014	[Scan]		
001	HP Detection Enable	ENG	[0 or 1 / **0** / 1/step] 0:OFF, 1:ON
	Runs Scanner (HP Detection Enable). Reading size, speed is same as the most recent run(Default is FC, A3, Actual size)		
002	HP Detection Disable	ENG	[0 or 1 / **0** / 1/step] 0:OFF, 1:ON
	Runs Scanner (HP Detection Disable). Reading size, speed is same as the most recent run(Default is FC, A3, Actual size)		

4020	[Dust Check]		
001	Dust Detect:On/Off	*ENG	[0 or 1 / **0** / 1/step] 0: OFF, 1: ON
	Sets DF Dust Detection ON/OFF.		
002	Dust Detect:Lvl	*ENG	[0 to 8 / **4** / 1/step] 0: lowest detection level 8: highest detection level
	Sets DF Dust Detect Level. Easier to Detect as Value increases.		
4020	[Dust Check Lvl]		
003	Dust Reject:Lvl	*ENG	[0 to 4 / **0** / 1/step]
	Sets ON/OFF and switches level of Vertical stripes correction. 0=OFF, sets level to 1 from 4. Stronger correction as value increases.		
4020	[DF Dust Check]		

011	Dust Detect Level:Rear	*ENG	[0 or 1 / **0** / 1/step] 0: OFF, 1: ON
	Sets ON/OFF DF: Rear dust detection setting.		
012	Correction Level:Rear	*ENG	[0 to 8 / **4** / 1/step] 0:Lowest level 8:Highest level
	Sets DF: Rear dust detection level. As the value enlarges, easier to detect.		

4201	[LoCPP edge level:K]		
001	600dpi 2bit edge1	*ENG	[0 to 15 / **11** / 1/step] Value increase: Tonner adhesion amount will increase for Bk picture edge. Toner decrease: Toner adhesion amount will decrease for Bk picture edge.
	Upper limit threshold parameter for smaller edge: 600dpi 2bit		
002	600dpi 2bit edge23	*ENG	[0 to 15 / **11** / 1/step] Value increase: Tonner adhesion amount will increase for Bk picture edge. Toner decrease: Toner adhesion amount will decrease for Bk picture edge
	Upper limit threshold parameter for larger edge: 600dpi 2bit		
003	600dpi 4bit edge1	*ENG	[0 to 15 / **11** / 1/step] Value increase: Tonner adhesion amount will increase for Bk picture edge. Toner decrease: Toner adhesion amount will decrease for Bk picture edge.
	Upper limit threshold parameter for smaller edge: 600dpi 4bit		

004	600dpi 4bit edge23	*ENG	[0 to 15 / 11 / 1/step] Value increase: Tonner adhesion amount will increase for Bk picture edge. Toner decrease: Toner adhesion amount will decrease for Bk picture edge.
	Upper limit threshold parameter for larger edge: 600dpi 4bit		
4201	[LoCPP edge off/on:K]		
	Off/on for Smaller/larger edge: 1200dpi 1bit		
011	1200dpi 1bit edge12	*ENG	[0 or 1 / 0 / 1/step]
	ON/OFF for smaller edge: 1200dpi 1bit Select ON/OFF for low CPP edge correction with 1200dpi 1bit.		
012	1200dpi 1bit edge345	*ENG	[0 or 1 / 0 / 1/step]
	ON/OFF for larger edge: 1200dpi 1bit Select ON/OFF for low CPP edge correction with 1200dpi 1bit.		

4301	[Operation Check APS Sensor]		
001	Operation Check APS Sensor	*ENG	[0 to 255 / 0 / 1/step] 0: Not detected 1: Detected
	SP for testing APS Sensor function.		

4303	[Min Size for APS]		
001	Min Size for APS	*ENG	[0 or 1 / 0 / 1/step] 0 : No Original 1: A5-Lengthwise
	Sets display when non-standard (small size) size original is detected. **↓Note** • Sets display when non-standard (small size) size original is detected. • When "2:EU" is selected at SP5-131-001 and "3:8K 16K" with SP4-305-001, Decision of SP4-303-001 will be "1:16K Vertical"		

4305	[8K/16K Detection]		
001	-	*ENG	[0 to 3 / **0** / 1/step] 0: Normal Detection 1: A4-Sideways LT-Lengthwise 2: LT-Sideways A4-Lengthwise 3: 8K 16K
	Sets assign of decision size when original size is detected. **⬇Note** • When "0: JA" or "1: NA" is set at SP5-131-001, "3: 8K 16K series" can not be selected with SP4-305-001.		

4308	[Scan Size Detection]		
001	Detection ON/OFF	*ENG	[0 to 2 / **1** / 1/step] 0: OFF 1: ON 2: APS
	Switch Original size detection ON/OFF.		

4309	[Scan Size Detect:Setting]		
001	Original Density Thresh	*ENG	[0 to 255 / **12** / 1digit/step]
	Sets scan image density Thresh for Scan size detection.		
002	Detection Time	*ENG	[20 to 100 / **60** / 20 msecstep]
	Detection time for scan size detection.		
003	Lamp ON:Delay Time	*ENG	[40 to 200 / **40** / 10 msec/step]
	Adjusts lamp light timing for scan size detection.		
004	LED PWM Duty	*ENG	[0 to 100 / **45** / 1/step]
	Adjusts lamp light timing for scan size detection.		

4310	[Scan Size Detect Value]		
	Checks the density of scanning data for the scan size detection.		
001	S1:R	ENG	
002	S1:G	ENG	
003	S1:B	ENG	
004	S2:R	ENG	
005	S2:G	ENG	[0 to 255 / 0 / 1digit/step]
006	S2:B	ENG	
007	S3:R	ENG	
008	S3:G	ENG	
009	S3:B	ENG	

4350	[Intermittent Shading : BW]		
001	Switch On/Off	ENG	[0 or 1 / 1 / 1/step] 0: Every time shading 1: Interval shading
	Switches On/OFF for Intermittent Shading when scanning BW (Simplex/Duplex).		
002	Interval 1	ENG	[0 to 65535 / 180 / 1sec/step]
	Sets Intermittent Shading interval 1(from light on to the times done in Intermittent Shading interval set with SP4-350-003) when scanning BW.		
003	Interval 1 Repetitions	ENG	[1 to 60 / 1 / 1/step]
	Sets Shading time within Interval1 when scanning BW.		
004	Interval 2	ENG	[0 to 65535 / 180 / 1sec/step]
	Sets Intermittent Shading interval 2(Intermittent Shading interval after interval1 is dome) when scanning BW.		

4351	[Intermittent Shading : FC]		

001	Switch On/Off	ENG	[0 or 1 / **1** / 1/step] 0: Every time shading 1: Interval shading
	Selects shading operation for color scanning.		
002	Interval 1	ENG	[0 to 65535 / **180** / 1sec/step]
	Sets interval shading interval 1 for Color scanning (Duplex/Simplex).		
003	Interval 1 Repetitions	ENG	[1 to 60 / **1** / 1/step]
	Sets operating times of interval shading interval 1 for color scanning (Duplex/Simplex).		
004	Interval 2	ENG	[0 to 65535 / **180** / 1sec/step]
	Sets interval shading interval 2 for Color scanning (Duplex/Simplex).		

4400	[Org Edge Mask]		
001	Book:Sub:LEdge(Left)	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase original shadow of sub scan leading edge (left side or original table) when scanning with book scanner.		
002	Book:Sub:TEdge(Right)	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase original shadow of sub scan trailing edge (right side or original table) when scanning with book scanner.		
003	Book:Main:LEdge(Rear)	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase original shadow of main scan leading edge (rear side or original table) when scanning with book scanner.		
004	Book:Main:Tedge(Front)	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase original shadow of main scan trailing edge (front side or original table) when scanning with book scanner.		
4400	[Scanner Erase Margin]		
005	ADF:Sub:LEdge(Left)	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase original shadow of sub scan leading edge when scanning with ADF.		

007	ADF:Main:LEdge(Rear)	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase original shadow of main scan leading edge when scanning with ADF.		
008	ADF:Main:TEdge(Front)	*ENG	[0.0 to 3.0 / **0.0** / 0.1 mm/step]
	Sets mask area to erase original shadow of main scan trailing edge when scanning with ADF.		

4417	[IPU Test Pattern]

001	Test Pattern	ENG	[0 to 8 / **0** / 1/step] 0: Scanned image 1: Gradation main scan A 2: Patch 16C 3: Grid pattern A 4: Slant grid pattern B 5: Slant grid pattern C 6: Slant grid pattern D 7: Scanned+Slant Grid C 8: Scanned+Slant Grid D
	Selects test pattern packaged with IPU ASIC. Pattern is for design purpose, content of pattern will be omit,		

4429	[Select Copy Data Security]

001	Copying	*ENG	[0 to 3 / **3** / 1/step]
	Switches unjust copy output pattern density for copy. As the value enlarges, gets deeper.		
002	Scanning	*ENG	[0 to 3 / **3** / 1/step]
	Switches unjust copy output pattern density for scan. As the value enlarges, gets deeper.		
003	Fax Operation	*ENG	[0 to 3 / **3** / 1/step]
	Switches unjust copy output pattern density for fax. As the value enlarges, gets deeper.		

4450	[Scan Image Pass Selection]

001	Black Subtraction ON/OFF	*ENG	[0 or 1 / **1** / 1/step] 0:OFF 1:ON(Normal)
	Switches IPU Scanner image pass ON/OFF (black reduction). Use to evaluate design, analyze cause of malfunction (image error).		
002	SH ON/OFF	*ENG	[0 or 1 / **0** / 1/step] 0: ON(Normal) 1: OFF
	Switches IPU Scanner image pass ON/OFF (shading). Use to evaluate design, analyze cause of malfunction (image error).		

4460	[Digital AE]		
001	Low Limit Value	*ENG	[0 to 1023 / **364** / 1/step]
	Sets lower limit threshold to detect background when scanning with DF front/ Book. Considers as background when an area of input image is brighter (larger value) than threshold.		
002	Background level	*ENG	[512 to 1535 / **932** / 1/step]
	Sets background level to decide output value of background erase when scanning DF front / Book. As the value enlarges, gets thinner.		

4501	[ACC Target Den]		
001	Copy:K:Text	*ENG	[0 to 10 / **5** / 1/step]
	Sets target value of copy ACC against letter (edge) part Black plate.		
002	Copy:C:Text	*ENG	[0 to 10 / **5** / 1/step]
	Sets target value of copy ACC against letter (edge) part Cyan plate.		
003	Copy:M:Text	*ENG	[0 to 10 / **5** / 1/step]
	Sets target value of copy ACC against letter (edge) part Magenta plate.		
004	Copy:Y:Text	*ENG	[0 to 10 / **5** / 1/step]
	Sets target value of copy ACC against letter (edge) part Yellow plate.		

005	Copy:K:Photo	*ENG	[0 to 10 / **5** / 1/step]
	Sets target value of copy ACC against photo (non edge) part Black plate.		
006	Copy:C:Photo	*ENG	[0 to 10 / **5** / 1/step]
	Sets target value of copy ACC against photo (non edge) part Cyan plate.		
007	Copy:M:Photo	*ENG	[0 to 10 / **5** / 1/step]
	Sets target value of copy ACC against photo (non edge) part Magenta plate.		
008	Copy:Y:Photo	*ENG	[0 to 10 / **5** / 1/step]
	Sets target value of copy ACC against photo (non edge) part Yellow plate.		

4505	[ACC Cor:Bright]		
001	Master:K	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Black plate (Highlight area) depending on setting value (-128 to 127).		
002	Master:C	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Cyan plate (Highlight area) depending on setting value (-128 to 127).		
003	Master:M	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Magenta plate (Highlight area) depending on setting value (-128 to 127).		
004	Master:Y	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Yellow plate (Highlight area) depending on setting value (-128 to 127).		
005	Slave:K	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Black plate (Highlight area) depending on setting value (-128 to 127).		
006	Slave:C	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Cyan plate (Highlight area) depending on setting value (-128 to 127).		

007	Slave:M	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Magenta plate (Highlight area) depending on setting value (-128 to 127).		
008	Slave:Y	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Yellow plate (Highlight area) depending on setting value (-128 to 127).		

4506	[ACC Cor:Dark]		
001	Master:K	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Black plate (Shadow area) depending on setting value (-128 to 127).		
002	Master:C	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Cyan plate (Shadow area) depending on setting value (-128 to 127).		
003	Master:M	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Magenta plate (Shadow area) depending on setting value (-128 to 127).		
004	Master:Y	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Yellow plate (Shadow area) depending on setting value (-128 to 127).		
005	Slave:K	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Black plate (Shadow area) depending on setting value (-128 to 127).		
006	Slave:C	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Cyan plate (Shadow area) depending on setting value (-128 to 127).		
007	Slave:M	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Magenta plate (Shadow area) depending on setting value (-128 to 127).		

008	Slave:Y	*ENG	[-128 to 127 / **0** / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Yellow plate (Shadow area) depending on setting value (-128 to 127).		

4520	**[IBACC:DetectedValue]**
	Latest density detecting value per IBACC pattern.

001	Latest:K_P1	*ENG	
002	Latest:K_P2	*ENG	
003	Latest:K_P3	*ENG	
004	Latest:K_P4	*ENG	
005	Latest:K_P5	*ENG	
006	Latest:K_P6	*ENG	
021	Latest:C_P1	*ENG	
022	Latest:C_P2	*ENG	
023	Latest:C_P3	*ENG	
024	Latest:C_P4	*ENG	
025	Latest:C_P5	*ENG	
026	Latest:C_P6	*ENG	[0 to 1023 / 0 / 1/step]
041	Latest:M_P1	*ENG	
042	Latest:M_P2	*ENG	
043	Latest:M_P3	*ENG	
044	Latest:M_P4	*ENG	
045	Latest:M_P5	*ENG	
046	Latest:M_P6	*ENG	
061	Latest:Y_P1	*ENG	
062	Latest:Y_P2	*ENG	
063	Latest:Y_P3	*ENG	
064	Latest:Y_P4	*ENG	
065	Latest:Y_P5	*ENG	
066	Latest:Y_P6	*ENG	
4520	[IBACC:DetectedValue]		
	Last density detecting value per IBACC pattern.		

101	Previous:K_P1	*ENG	
102	Previous:K_P2	*ENG	
103	Previous:K_P3	*ENG	
104	Previous:K_P4	*ENG	
105	Previous:K_P5	*ENG	
106	Previous:K_P6	*ENG	
121	Previous:C_P1	*ENG	
122	Previous:C_P2	*ENG	
123	Previous:C_P3	*ENG	
124	Previous:C_P4	*ENG	
125	Previous:C_P5	*ENG	
126	Previous:C_P6	*ENG	[0 to 1023 / 0 / 1/step]
141	Previous:M_P1	*ENG	
142	Previous:M_P2	*ENG	
143	Previous:M_P3	*ENG	
144	Previous:M_P4	*ENG	
145	Previous:M_P5	*ENG	
146	Previous:M_P6	*ENG	
161	Previous:Y_P1	*ENG	
162	Previous:Y_P2	*ENG	
163	Previous:Y_P3	*ENG	
164	Previous:Y_P4	*ENG	
165	Previous:Y_P5	*ENG	
166	Previous:Y_P6	*ENG	

4540	[Print Coverage]

001	RY Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of R (to Y) Phase.		
002	RY Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding R (to Y) Phase. Larger the darker.		
003	RY Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding R (to Y) Phase. Larger the darker.		
004	RY Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding R (to Y) Phase. Larger the darker.		
005	YR Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of Y (to R) Phase.		
006	YR Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding Y (to R) Phase. Larger the darker.		
007	YR Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding Y (to R) Phase. Larger the darker.		
008	YR Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding Y (to R) Phase. Larger the darker.		

2

009	YG Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of Y (to G) Phase.		
010	YG Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding Y (to G) Phase. Larger the darker.		
011	YG Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding Y (to G) Phase. Larger the darker.		
012	YG Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding Y (to G) Phase. Larger the darker.		
013	GY Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of G (to Y) Phase.		
014	GY Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding G (to Y) Phase. Larger the darker.		
015	GY Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding G (to Y) Phase. Larger the darker.		
016	GY Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding G (to Y) Phase. Larger the darker.		

017	GC Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of G (to C) Phase.		
018	GC Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding G (to C) Phase. Larger the darker.		
019	GC Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding G (to C) Phase. Larger the darker.		
020	GC Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding G (to C) Phase. Larger the darker.		
021	CG Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of C (to G) Phase.		
022	CG Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding C (to G) Phase. Larger the darker.		
023	CG Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding C (to G) Phase. Larger the darker.		
024	CG Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding C (to G) Phase. Larger the darker.		

2

025	CB Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of C (to B) Phase.		
026	CB Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding C (to B) Phase. Larger the darker.		
027	CB Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding C (to B) Phase. Larger the darker.		
028	CB Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding C (to B) Phase. Larger the darker.		
029	BC Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of B (to C) Phase.		
030	BC Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding B (to C) Phase. Larger the darker.		
031	BC Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding B (to C) Phase. Larger the darker.		
032	BC Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding B (to C) Phase. Larger the darker.		

033	BM Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of B (to M) Phase.		
034	BM Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding B (to M) Phase. Larger the darker.		
035	BM Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding B (to M) Phase. Larger the darker.		
036	BM Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding B (to M) Phase. Larger the darker.		
037	MB Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of M (to B) Phase.		
038	MB Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding M (to B) Phase. Larger the darker.		
039	MB Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding M (to B) Phase. Larger the darker.		
040	MB Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding M (to B) Phase. Larger the darker.		

2

2

041	MR Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of M (to R) Phase.		
042	MR Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding M (to R) Phase. Larger the darker.		
043	MR Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding M (to R) Phase. Larger the darker.		
044	MR Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding M (to R) Phase. Larger the darker.		
045	RM Phase: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of R (to M) Phase.		
046	RM Phase: R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding R (to M) Phase. Larger the darker.		
047	RM Phase: G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding R (to M) Phase. Larger the darker.		
048	RM Phase: B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding R (to M) Phase. Larger the darker.		

049	WHITE: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of highlight area.		
050	WHITE:R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding highlight area. Larger the darker.		
051	WHITE:G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding highlight area. Larger the darker.		
052	WHITE:B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding highlight area. Larger the darker.		
053	BLACK: Option	*ENG	[0 to 255 / **0** / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of shadow area.		
054	BLACK:R	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding shadow area. Larger the darker.		
055	BLACK:G	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding shadow area. Larger the darker.		
056	BLACK:B	*ENG	[-256 to 255 / **0** / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding shadow area. Larger the darker.		

4550	[Scan Apli:Txt/Print]

005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for Scan Apli: Text/Chart mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for Scan Apli: Text/ Chart mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Text/ Chart mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Text/ Chart mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Text/ Chart mode. 0 is for OFF, Larger the value, Stronger the Erase.		

4551	[Scan Apli:Txt]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for Scan Apli: Text mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for Scan Apli: Text mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Text mode. 128 is for No Correction, Larger the value, the Brighter.		

008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Text mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Text mode. 0 is for OFF, Larger the value, Stronger the Erase.		

4552	[Scan Apli:Txt Dropout]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for Scan Apli: Text (Drop Out Color) mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for Scan Apli: Text (Drop Out Color) mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Text (Drop Out Color) mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Text (Drop Out Color) mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Text (Drop Out Color) mode. 0 is for OFF, Larger the value, Stronger the Erase.		

4553	[Scan Apli:Txt/Photo]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for Scan Apli: Text/Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.		

006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for Scan Apli: Text/Photo mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Text/Photo mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Text/Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Text/Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.		

4554	[Scan Apli:Photo]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for Scan Apli: Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for Scan Apli: Photo mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Photo mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		

009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.		

4565	[Scan Apli:GrayScale]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for Scan Apli: GrayScale mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for Scan Apli: GrayScale mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: GrayScale mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: GrayScale mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for Scan Apli: GrayScale mode. 0 is for OFF, Larger the value, Stronger the Erase.		

4570	[Scan Apli:Col Txt/Photo]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for Scan Apli: Color Text/Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.		

006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]	
	Sets Smoothing level for Scan Apli: Color Text/Photo mode. 0 is for OFF, Larger the value, the Smoother.			
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]	
	Sets Brightness level (1 to 255) for Scan Apli: Color Text/Photo mode. 128 is for No Correction, Larger the value, the Brighter.			
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]	
	Sets Contrast level (1 to 255) for Scan Apli: Color Text/Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.			
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]	
	Sets Independent Dot Erase level for Scan Apli: Color Text/Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.			

4571	[Scan Apli:Col Gloss Photo]			
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]	
	Sets emphasis level for Scan Apli: Color Gloss Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.			
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]	
	Sets Smoothing level for Scan Apli: Color Gloss Photo mode. 0 is for OFF, Larger the value, the Smoother.			
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]	
	Sets Brightness level (1 to 255) for Scan Apli: Color Gloss Photo mode. 128 is for No Correction, Larger the value, the Brighter.			
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]	
	Sets Contrast level (1 to 255) for Scan Apli: Color Gloss Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.			

009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Color Gloss Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.		

4572	[Scan Apli:AutoCol]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for Scan Apli: Auto Color mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for Scan Apli: Auto Color mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Auto Color mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Auto Color mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Auto Color mode. 0 is for OFF, Larger the value, Stronger the Erase.		

4580	[Fax Apli:Txt/Chart]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for FAX Apli: Text/Chart mode. 0 is for OFF, Larger the value, Stronger the emphasis.		

006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for FAX Apli: Text/Chart mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Text/Chart mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Text/Chart mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Text/Chart mode. 0 is for OFF, Larger the value, Stronger the Erase.		
010	Texture Erase: 0	*ENG	[0 to 2 / **0** / 1/step]
	Sets Texture Erase for FAX Apli: Text/Chart mode. 0: Fixed Threshold, 1: Variable Threshold, 2: Variable Threshold (Threshold type used for 1 and 2 are different)		

4581	[Fax Apli:Txt]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for FAX Apli: Text mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for FAX Apli: Text mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Text mode. 128 is for No Correction, Larger the value, the Brighter.		

008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Text mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Text mode. 0 is for OFF, Larger the value, Stronger the Erase.		

4582	[Fax Apli:Txt/Photo]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for FAX Apli: Text/Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for FAX Apli: Text/Photo mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Text/Photo mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Text/Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Text/Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.		
010	Texture Erase: 0	*ENG	[0 to 2 / **0** / 1/step]
	Sets Texture Erase for FAX Apli: Text/Photo mode. 0: Fixed Threshold, 1: Variable Threshold, 2: Variable Threshold (Threshold type used for 1 and 2 are different)		

4583	[Fax Apli:Photo]

005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for FAX Apli: Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for FAX Apli: Photo mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Photo mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.		
010	Texture Erase: 0	*ENG	[0 to 2 / **0** / 1/step]
	Sets Texture Erase for FAX Apli: Photo mode. 0: Fixed Threshold, 1: Variable Threshold, 2: Variable Threshold (Threshold type used for 1 and 2 are different)		

4584	[Fax Apli:Original 1]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for FAX Apli: Special Original 1 mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for FAX Apli: Special Original 1 mode. 0 is for OFF, Larger the value, the Smoother.		

007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Special Original 1 mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Special Original 1 mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Special Original 1 mode. 0 is for OFF, Larger the value, Stronger the Erase.		

4585	[Fax Apli:Original 2]		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / **8** / 1/step]
	Sets emphasis level for FAX Apli: Special Original 2 mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / **4** / 1/step]
	Sets Smoothing level for FAX Apli: Special Original 2 mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Special Original 2 mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / **128** / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Special Original 2 mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Independent Dot Erase (0)/ 1-7 (Strong)	*ENG	[0 to 7 / **0** / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Special Original 2 mode. 0 is for OFF, Larger the value, Stronger the Erase.		

4600	[SBU Version Display]

001	SBU ID	ENG	[0x00 to 0xFF / **0** / 1/step]
	In case of SBU's ID is irregular due to SBU malfunction, or wrong part is set, sets a cause flag to SP 4-647-001 and makes SC 144-00.		
002	SCAT ID	ENG	[0x00 to 0xFF / **0** / 1/step]
	Displays ID of SBU (SCAT). In case of SBU's ID is irregular due to SBU malfunction, or wrong part is set, sets a cause flag to SP 4-647-001 and makes SC 144-00.		

4602	[Scanner Memory Access]		
	Read/Writes register of ASIC: GASBU mount to SBU. Use for design evaluation/failure analysis.		
001	-	ENG	[0x000000 to 0xFFFFFF / **0x000000** / -]
002	Scanner Memory Access	ENG	[0x0 to 0x000000FF / **0x000000** / -]
003	Data Set	ENG	-

4603	[Auto Adjustment Operation]		
	Runs SBU adjustment (light quantity adjust, SSCG correct, checking back level, adjusting white level) normally done when scanner powers on from SP. Use for process adjust/design evaluation/error analyze.		
001	HP Detection Enable	ENG	[0 or 1 / **0** / 1/step]
002	HP Detection Disable	ENG	[0 or 1 / **0** / 1/step]

4604	[FGATE Open/Close]		
001		ENG	[0 or 1 / **0** / 1/step] 0: OFF 1: ON
	Used for to forcedly open/close FGATE to input scanner image data when doing scanner optical adjustment during the process. Use for process adjust/design evaluation/error analyze.		

4609	[Gray Balance Set: R]		
001	Book Scan	*ENG	[-384 to 255 / **-100** / 1digit/step]
	Displays/Saves gray balance adjustment value (RED) of scanners face side (Book). Adjusted value during the scanner unit Warranty process is saved.		
002	DF Scan	*ENG	[-384 to 255 / **-100** / 1digit/step]
	Displays/Saves gray balance adjustment value (RED) of scanners face side (ADF). Adjusted value during the scanner unit Warranty process is saved. **⬇Note** • Gray balance adjustment value of DF scan can be corrected with SP4-688-001/002: DF density adjust. (temperature difference correction of Book scan and DF face side scan)		

4610	[Gray Balance Set: G]		
001	Book Scan	*ENG	[-384 to 255 / **-100** / 1digit/step]
	Displays/Saves gray balance adjustment value (GREEN) of scanners face side (Book). Adjusted value during the scanner unit Warranty process is saved.		
002	DF Scan	*ENG	[-384 to 255 / **-100** / 1digit/step]
	Displays/Saves gray balance adjustment value (GREEN) of scanners face side (ADF). Adjusted value during the scanner unit Warranty process is saved. **⬇Note** • Gray balance adjustment value of DF scan can be corrected with SP4-688-001/002: DF density adjust. (temperature difference correction of Book scan and DF face side scan)		

4611	[Gray Balance Set: B]		
001	Book Scan	*ENG	[-384 to 255 / **-100** / 1digit/step]
	Displays/Saves gray balance adjustment value (BLUE) of scanners face side (Book). Adjusted value during the scanner unit Warranty process is saved.		

002	DF Scan	*ENG	[-384 to 255 / **-100** / 1digit/step]
	Displays/Saves gray balance adjustment value (BLUE) of scanners face side (ADF). Adjusted value during the scanner unit Warranty process is saved. 🔽**Note** • Gray balance adjustment value of DF scan can be corrected with SP4-688-001/002: DF density adjust. (temperature difference correction of Book scan and DF face side scan)		

4635	[SSCG Correction Set]		
001	Mode Selection	*ENG	[0 to 3 / **1** / 1/step] 0: Do not noise correct SSCG. 1: Only adjust analog (initial value) 2: Only adjust digital 3: Adjust both analog/digital
	Selects SSCG noise correction mode. Use when setting SSCG adjust OFF as a temporally proceed when SSCG does not work correctly due to an unexpected malfunction. Temporally use if by changing settings improves wide stripes, side stripes caused by scanner when SSCG correction does not work correctly.		

4637	[SSCG Correction Value (Ana.)]		
001	Latest:RE	ENG	[-31 to 31 / **0** / 1digit/step]
	Displays SSCG analog correction value (F Side/RED/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
002	Latest:RO	ENG	[-31 to 31 / **0** / 1digit/step]
	Displays SSCG analog correction value (F Side/RED/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		

003	Latest:GE	ENG	[-31 to 31 / **0** / 1digit/step]
	Displays SSCG analog correction value (F Side/GREEN/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
004	Latest:GO	ENG	[-31 to 31 / **0** / 1digit/step]
	Displays SSCG analog correction value (F Side/GREEN/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
005	Latest:BE	ENG	[-31 to 31 / **0** / 1digit/step]
	Displays SSCG analog correction value (F Side/BLUE/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
006	Latest:BO	ENG	[-31 to 31 / **0** / 1digit/step]
	Displays SSCG analog correction value (F Side/BLUE/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		

4638	[SSCG Correction Value (Dig.)]		
001	Latest:RE	*ENG	[-255 to 255 / **0** / 1digit/step]
	Displays SSCG Digital correction value (F Side/RED/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
002	Latest:RO	*ENG	[-255 to 255 / **0** / 1digit/step]
	Displays SSCG Digital correction value (F Side/RED/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		

003	Latest:GE	*ENG	[-255 to 255 / **0** / 1digit/step]
	Displays SSCG Digital correction value (F Side/GREEN/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
004	Latest:GO	*ENG	[-255 to 255 / **0** / 1digit/step]
	Displays SSCG Digital correction value (F Side/GREEN/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
005	Latest:BE	*ENG	[-255 to 255 / **0** / 1digit/step]
	Displays SSCG Digital correction value (F Side/BLUE/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
006	Latest:BO	*ENG	[-255 to 255 / **0** / 1digit/step]
	Displays SSCG Digital correction value (F Side/BLUE/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		

4639	[SSCG Noise Cancel (Analog)]		
001	Factory Setting:RE	*ENG	[-31 to 31 / **0** / 1digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/RED/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
002	Factory Setting:RO	*ENG	[-31 to 31 / **0** / 1digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/RED/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		

003	Factory Setting:GE	*ENG	[-31 to 31 / **0** / 1digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/GREEN/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
004	Factory Setting:GO	*ENG	[-31 to 31 / **0** / 1digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/GREEN/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
005	Factory Setting:BE	*ENG	[-31 to 31 / **0** / 1digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/BLUE/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
006	Factory Setting:BO	*ENG	[-31 to 31 / **0** / 1digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/BLUE/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		

4640	[SSCG Correction Value (Dig.)]		
001	Factory Setting:RE	ENG	[-255 to 255 / **0** / 1digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/RED/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
002	Factory Setting:RO	ENG	[-255 to 255 / **0** / 1digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/RED/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		

003	Factory Setting:GE	ENG	[-255 to 255 / **0** / 1digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/GREEN/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
004	Factory Setting:GO	ENG	[-255 to 255 / **0** / 1digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/GREEN/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
005	Factory Setting:BE	ENG	[-255 to 255 / **0** / 1digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/BLUE/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
006	Factory Setting:BO	ENG	[-255 to 255 / **0** / 1digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/BLUE/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		

4641	[SSCG Noise Amplitude]		
001	RE	ENG	[0 to 1023 / **0** / 1digit/step]
	Displays SSCG Nose Amplitude (F Side/RED/EVEN pixel) when adjusting SSCG. Correction value will be decided depending on detected Noise Amplitude when adjusting. Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
002	RO	ENG	[0 to 1023 / **0** / 1digit/step]
	Displays SSCG Nose Amplitude (F Side/RED/ODD pixel) when adjusting SSCG. Correction value will be decided depending on detected Noise Amplitude when adjusting. Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		

	GE	ENG	[0 to 1023 / **0** / 1digit/step]
003	Displays SSCG Nose Amplitude (F Side/GREEN/EVEN pixel) when adjusting SSCG. Correction value will be decided depending on detected Noise Amplitude when adjusting. Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
	GO	ENG	[0 to 1023 / **0** / 1digit/step]
004	Displays SSCG Nose Amplitude (F Side/GREEN/ODD pixel) when adjusting SSCG. Correction value will be decided depending on detected Noise Amplitude when adjusting. Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
	BE	ENG	[0 to 1023 / **0** / 1digit/step]
005	Displays SSCG Nose Amplitude (F Side/BLUE/EVEN pixel) when adjusting SSCG. Correction value will be decided depending on detected Noise Amplitude when adjusting. Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
	BO	ENG	[0 to 1023 / **0** / 1digit/step]
006	Displays SSCG Nose Amplitude (F Side/BLUE/ODD pixel) when adjusting SSCG. Correction value will be decided depending on detected Noise Amplitude when adjusting. Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		

4646	[Scan Adjust Error]
	Displays error value of scanning adjustment.

2

001	White level	ENG	[0 to 65535 / **0** / 1/step] Bit15:Unused Bit14: Unused Bit13:White level abnormal (F side/ RED/EVEN pixel) Bit12: White level abnormal (F side / RED/ODD pixel) Bit11: White level abnormal (F side / GREEN/EVEN pixel) Bit10: White level abnormal (F side / GREEN/ODD pixel) Bit9: White level abnormal (F side / BLUE/EVEN pixel) Bit8:White level abnormal (F side / BLUE/ODD pixel) Bit7: Unused Bit6: Unused Bit5:gain abnormal (F side /RED/EVEN pixel) Bit4: gain abnormal (F side /RED/ODD pixel) Bit3: gain abnormal (F side /GREEN/ EVEN pixel) Bit2: gain abnormal (F side /GREEN/ ODD pixel) Bit1: gain abnormal (F side /BLUE/ EVEN pixel) Bit0: gain abnormal (F side /BLUE/ ODD pixel)
	Shows cause of error when an error occurs during the white level adjustment when scanner turns on. When an error, SC142-00(F side/white level adjustment error)will be given.[format] binary Scan adjust error (F side/White level) flag= (b15,b14,b13,b12,b11,b10,b9,b8,b7,b6,b5,b4,b3,b2,b1,b0)		

002	Black level	ENG	[0 to 65535 / **0** / 1/step] Bit7: Unused Bit6: Unused Bit5: Black level abnormal (F side/RED/EVEN Pixel) Bit4: Black level abnormal (F side / RED/ODD Pixel) Bit3: Black level abnormal (F side / GREEN/EVEN Pixel) Bit2: Black level abnormal (F side / GREEN/ODD Pixel) Bit1: Black level abnormal (F side / BLUE/EVEN Pixel) Bit0: Black level abnormal (F side / BLUE/ODD Pixel)
	Shows cause of error when an error occurs With the Black level check when scanner turns on. When an error, SC141-00(F side/Black level adjustment error) will be given. [format] binary Scan adjust error (F side/Black level) flag=(b7,b6,b5,b4,b3,b2,b1,b0)		

003	SSCG Correction	ENG	[0 to 65535 / **0** / 1/step] Bit7: Unused Bit6: Unused Bit5: SSCG correction error (Fside/RED/EVEN Pixel) Bit4: SSCG correction error (Fside/RED/ODD Pixel) Bit3: SSCG correction error (Fside/GREEN/EVEN Pixel) Bit2: SSCG correction error (Fside/GREEN/ODD Pixel) Bit1: SSCG correction error (Fside/BLUE/EVEN Pixel) Bit0: SSCG correction error (Fside/BLUE/ODD Pixel)
	Shows cause of error when an error occurs With the SSCG Noise correction when scanner turns on. When an error, Correction turns off. [format] binary Scan adjust error (F side/SSCG correction) flag= (b7,b6,b5,b4,b3,b2,b1,b0)		

4647	[Scanner Hard Error]
	Displays result of SBU connection check.

2

001	Power-ON	ENG	[0 to 65535 / **0** / 1/step]
			Bit15: Unused
			Bit14:SBU hardware error (Power ON/ un-reset error)
			Bit13:SBU hardware error (Serial communication error: F side)
			Bit12:SBU hardware error (Reset error: F side)
			Bit11: Unused
			Bit10: Unused
			Bit9:SBU hardware error (Version error)
			Bit8: Unused
			Bit7: Unused
			Bit6: Unused
			Bit5:SBU hardware error (Serial communication error: L side)
			Bit4:SBU hardware error (Reset error:Lside)
			Bit3: Unused
			Bit2: Unused
			Bit1: Unused
	Shows cause of error when an error occurs with the SBU connection detect when Scanner turns on..		
	When an error, SC144-00 (SBU Communication error) will be given.		
	[format] binary		
	Scan adjust error (SSCG correction) flag= (b15,b14,b13,b12,b11,b10,b9,b8,b7,b6,b5,b4,b3,b2,b1,b0)		

4651	[Black Level Adj. Value (Ana.)]		
001	Latest: RE Color	ENG	[0 to 127 / **0** / 1digit/step]
	Displays black level analog adjustment value (RED/EVEN pixel).		
	Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.		
	Adjusted value will be given from checking the black level when scanner powers ON.		
	Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

| 002 | Latest: RO Color | ENG | [0 to 127 / **0** / 1digit/step] |
| | Displays black level analog adjustment value (RED/ODD pixel). Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU. Adjusted value will be given from checking the black level when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC). | | |

4652	[Black Level Adj. Value (Ana.)]		
001	Latest: GE Color	ENG	[0 to 127 / **0** / 1digit/step]
	Displays black level analog adjustment value (GREEN/EVEN pixel). Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU. Adjusted value will be given from checking the black level when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Latest: GO Color	ENG	[0 to 127 / **0** / 1digit/step]
	Displays black level analog adjustment value (GREEN/ODD pixel). Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU. Adjusted value will be given from checking the black level when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4653	[Black Level Adj. Value (Ana.)]		
001	Latest: BE Color	ENG	[0 to 127 / **0** / 1digit/step]
	Displays black level analog adjustment value (BLUE/EVEN pixel). Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU. Adjusted value will be given from checking the black level when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Latest: BO Color	ENG	[0 to 127 / **0** / 1digit/step]
	Displays black level analog adjustment value (BLUE/ODD pixel). Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU. Adjusted value will be given from checking the black level when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4654	[Black Level Adj. Value (Dig.)]		
001	Latest: RE Color	*ENG	[0 to 16383 / **0** / 1digit/step]
	Displays black level digital adjustment value (RED/EVEN pixel). Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU. Adjusted value will be given from checking the black level when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Latest: RO Color	*ENG	0 to 16383 / **0** / 1digit/step]
	Displays black level digital adjustment value (RED/ODD pixel). Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU. Adjusted value will be given from checking the black level when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4655	[Black Level Adj. Value (Dig.)]		
001	Latest: GE Color	*ENG	[0 to 16383 / **0** / 1digit/step]
	Displays black level digital adjustment value (GREEN/EVEN pixel). Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU. Adjusted value will be given from checking the black level when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Latest: GO Color	*ENG	[0 to 16383 / **0** / 1digit/step]
	Displays black level digital adjustment value (GREEN/ODD pixel). Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU. Adjusted value will be given from checking the black level when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4656	[Black Level Adj. Value (Dig.)]		
001	Latest: BE Color	*ENG	[0 to 16383 / **0** / 1digit/step]
	Displays black level digital adjustment value (BLUE/EVEN pixel). Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU. Adjusted value will be given from checking the black level when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

002	Latest: BO Color	*ENG	[0 to 16383 / **0** / 1digit/step]
	Displays black level digital adjustment value (BLUE/ODD pixel). Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU. Adjusted value will be given from checking the black level when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4658	[Analog Gain Adjust]		
001	Latest: R Color	*ENG	[0 to 14 / **0** / 1digit/step]
	Displays analog gain adjustment value (RED pixel). White level adjust is done when scanner powers ON to keep the dynamic range of image signal. Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4659	[Analog Gain Adjust]		
001	Latest: G Color	*ENG	[0 to 14 / **0** / 1digit/step]
	Displays analog gain adjustment value (GREEN pixel). White level adjust is done when scanner powers ON to keep the dynamic range of image signal. Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4660	[Analog Gain Adjust]		
001	Latest: B Color	*ENG	[0 to 14 / **0** / 1digit/step]
	Displays analog gain adjustment value (BLUE pixel). White level adjust is done when scanner powers ON to keep the dynamic range of image signal. Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4661	[Digital Gain Adjust]		
001	Latest: RE Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays digital gain adjustment value (RED/EVEN pixel). White level adjust is done when scanner powers ON to keep the dynamic range of image signal. Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Latest: RO Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays digital gain adjustment value (RED/ODD pixel). White level adjust is done when scanner powers ON to keep the dynamic range of image signal. Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4662	[Digital Gain Adjust]		
001	Latest: GE Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays digital gain adjustment value (GREEN/EVEN pixel). White level adjust is done when scanner powers ON to keep the dynamic range of image signal. Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Latest: GO Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays digital gain adjustment value (GREEN/ODD pixel). White level adjust is done when scanner powers ON to keep the dynamic range of image signal. Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4663	[Digital Gain Adjust]		
001	Latest: BE Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays digital gain adjustment value (BLUE/EVEN pixel). White level adjust is done when scanner powers ON to keep the dynamic range of image signal. Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Latest: BO Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays digital gain adjustment value (BLUE/ODD pixel). White level adjust is done when scanner powers ON to keep the dynamic range of image signal. Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4670	[Black Level Adj. Value (Ana.)]		
001	Factory Setting: RE Color	*ENG	[0 to 127 / **0** / 1digit/step]
	Displays/Saves factory default black level analog adjust value (RED/EVEN pixel). Factory default black level analog adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: RO Color	*ENG	[0 to 127 / **0** / 1digit/step]
	Displays/Saves factory default black level analog adjust value (RED/ODD pixel). Factory default black level analog adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4671	[Black Level Adj. Value (Ana.)]

001	Factory Setting: GE Color	*ENG	[0 to 127 / **0** / 1digit/step]
	Displays/Saves factory default black level analog adjust value (GREEN/EVEN pixel). Factory default black level analog adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: GO Color	*ENG	[0 to 127 / **0** / 1digit/step]
	Displays/Saves factory default black level analog adjust value (GREEN/ODD pixel). Factory default black level analog adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4672	[Black Level Adj. Value (Ana.)]		
001	Factory Setting: BE Color	*ENG	[0 to 127 / **0** / 1digit/step]
	Displays/Saves factory default black level analog adjust value (BLUE/EVEN pixel). Factory default black level analog adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: BO Color	*ENG	[0 to 127 / **0** / 1digit/step]
	Displays/Saves factory default black level analog adjust value (BLUE/ODD pixel). Factory default black level analog adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4673	[Black Level Adj. Value (Dig.)]		
001	Factory Setting: RE Color	*ENG	[0 to 16383 / **0** / 1digit/step]
	Displays/Saves factory default black level digital adjust value (RED/EVEN pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

002	Factory Setting: RO Color	*ENG	[0 to 16383 / **0** / 1digit/step]
	Displays/Saves factory default black level digital adjust value (RED/ODD pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4674	[Black Level Adj. Value (Dig.)]		
001	Factory Setting: GE Color	*ENG	[0 to 16383 / **0** / 1digit/step]
	Displays/Saves factory default black level digital adjust value (GREEN/EVEN pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: GO Color	*ENG	[0 to 16383 / **0** / 1digit/step]
	Displays/Saves factory default black level digital adjust value (GREEN/ODD pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4675	[Black Level Adj. Value (Dig.)]		
001	Factory Setting: BE Color	*ENG	[0 to 16383 / **0** / 1digit/step]
	Displays/Saves factory default black level digital adjust value (BLUE/EVEN pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: BO Color	*ENG	[0 to 16383 / **0** / 1digit/step]
	Displays/Saves factory default black level digital adjust value (BLUE/ODD pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4677	[Analog Gain Adjust]

001	Factory Setting: R Color	*ENG	[0 to 14 / **0** / 1digit/step]
	Displays/Saves factory default analog gain adjust value (RED pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4678	[Analog Gain Adjust]		
001	Factory Setting: G Color	*ENG	[0 to 14 / **0** / 1digit/step]
	Displays/Saves factory default analog gain adjust value (GREEN pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4679	[Analog Gain Adjust]		
001	Factory Setting: B Color	*ENG	[0 to 14 / **0** / 1digit/step]
	Displays/Saves factory default analog gain adjust value (BLUE pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4680	[Digital Gain Adjust]		
001	Factory Setting: RE Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves factory default digital gain adjust value (RED/EVEN pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: RO Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves factory default digital gain adjust value (RED/ODD pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4681	[Digital Gain Adjust]		
001	Factory Setting: GE Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves factory default digital gain adjust value (GREEN/EVEN pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: GO Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves factory default digital gain adjust value (GREEN/ODD pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4682	[Digital Gain Adjust]		
001	Factory Setting: BE Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves factory default digital gain adjust value (BLUE/EVEN pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: BO Color	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves factory default digital gain adjust value (BLUE/ODD pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4688	[DF Density Adjustment]		
001	ARDF	*ENG	[80 to 120 / **102** / 1 %/step] Value increase: ADF density deeper. Value decrease: ADF density thinner.
	For Oversetters only. Adjusts density difference between Book and ADF.		
4688	[Scan Image Density Adjustment]		

| 002 | 1-pass DF | *ENG | [80 to 120 / 103 / 1 %/step] |
| | For Single-Pass simultaneous duplex models only. Adjusts density difference between Book and ADF. | | |

4690	[White Level Peak Read]		
001	RE	ENG	[0 to 1023 / **0** / 1digit/step]
	Displays white level peak scanning value (RED/EVEN pixel).		
	White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal.		
	Scanning level of white reference plate from white level adjusting is given.		
	When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given.		
	Cause of error will be displayed on SP4-646-001.		
	Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	RO	ENG	[0 to 1023 / **0** / 1digit/step]
	Displays white level peak scanning value (RED/ODD pixel).		
	White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal.		
	Scanning level of white reference plate from white level adjusting is given.		
	When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given.		
	Cause of error will be displayed on SP4-646-001.		
	Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4691	[White Level Peak Read]

	GE		ENG	[0 to 1023 / **0** / 1digit/step]
001	Displays white level peak scanning value (GREEN/EVEN pixel). White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal. Scanning level of white reference plate from white level adjusting is given. When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given. Cause of error will be displayed on SP4-646-001. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).			
	GO		ENG	[0 to 1023 / **0** / 1digit/step]
002	Displays white level peak scanning value (GREEN/ODD pixel). White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal. Scanning level of white reference plate from white level adjusting is given. When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given. Cause of error will be displayed on SP4-646-001. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).			

4692	[White Level Peak Read]			
	BE		ENG	[0 to 1023 / **0** / 1digit/step]
001	Displays white level peak scanning value (BLUE/EVEN pixel). White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal. Scanning level of white reference plate from white level adjusting is given. When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given. Cause of error will be displayed on SP4-646-001. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).			

002	BO	ENG	[0 to 1023 / **0** / 1digit/step]

002: Displays white level peak scanning value (BLUE/ODD pixel).

White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal.

Scanning level of white reference plate from white level adjusting is given.

When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given.

Cause of error will be displayed on SP4-646-001.

Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).

4693	[Black Level Peak Read]		
001	RE	ENG	[0 to 1023 / **0** / 1digit/step]

001: Displays black level scanning value (RED/EVEN pixel).

Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given.

Check whether the offset adjustment of SBU (SCAT) is working correctly.

Gives SC141-00 if the black level scanning value is an error.

Cause of error will be displayed on SP4-646-001.

Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).

002	RO	ENG	[0 to 1023 / **0** / 1digit/step]

002: Displays black level scanning value (RED/ODD pixel).

Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given.

Check whether the offset adjustment of SBU (SCAT) is working correctly.

Gives SC141-00 if the black level scanning value is an error.

Cause of error will be displayed on SP4-646-001.

Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).

4694	[Black Level Peak Read]
	-

001	GE		ENG	[0 to 1023 / **0** / 1digit/step]
	Displays black level scanning value (GREEN/EVEN pixel).			
	Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given.			
	Check whether the offset adjustment of SBU (SCAT) is working correctly.			
	Gives SC141-00 if the black level scanning value is an error.			
	Cause of error will be displayed on SP4-646-001.			
	Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).			
002	GO		ENG	[0 to 1023 / **0** / 1digit/step]
	Displays black level scanning value (GREEN/EVEN pixel).			
	Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given.			
	Check whether the offset adjustment of SBU (SCAT) is working correctly.			
	Gives SC141-00 if the black level scanning value is an error.			
	Cause of error will be displayed on SP4-646-001.			
	Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).			

4695	[Black Level Peak Read]			
	-			
001	BE		ENG	[0 to 1023 / **0** / 1digit/step]
	Displays black level scanning value (BLUE/EVEN pixel).			
	Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given.			
	Check whether the offset adjustment of SBU (SCAT) is working correctly.			
	Gives SC141-00 if the black level scanning value is an error.			
	Cause of error will be displayed on SP4-646-002.			
	Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).			

	BO	ENG	[0 to 1023 / **0** / 1digit/step]
002	Displays black level scanning value (BLUE/ODD pixel). Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given. Check whether the offset adjustment of SBU (SCAT) is working correctly. Gives SC141-00 if the black level scanning value is an error. Cause of error will be displayed on SP4-646-002. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4698	[Factory Setting Input]		
	-		
001	On/Off	*ENG	[0 to 1 / **0** / 1/step]

4795	[CIS Black Level Data: B]		
	-		
	Displays black level; data of CIS. When DF powers ON, black level of CIS is checked, then detect the black level per chip and display scanning level. Cause of error will be displayed on SP4-745-001. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
001	Chip1	ENG	[0 to 255 / **0** / 1digit/step]
002	Chip2	ENG	[0 to 255 / **0** / 1digit/step]
003	Chip3	ENG	[0 to 255 / **0** / 1digit/step]
004	Chip4	ENG	[0 to 255 / **0** / 1digit/step]
005	Chip5	ENG	[0 to 255 / **0** / 1digit/step]
006	Chip6	ENG	[0 to 255 / **0** / 1digit/step]
007	Chip7	ENG	[0 to 255 / **0** / 1digit/step]
008	Chip8	ENG	[0 to 255 / **0** / 1digit/step]
009	Chip9	ENG	[0 to 255 / **0** / 1digit/step]

010	Chip10		ENG	[0 to 255 / **0** / 1digit/step]
011	Chip11		ENG	[0 to 255 / **0** / 1digit/step]
012	Chip12		ENG	[0 to 255 / **0** / 1digit/step]
013	Chip13		ENG	[0 to 255 / **0** / 1digit/step]
014	Chip14		ENG	[0 to 255 / **0** / 1digit/step]
015	Chip15		ENG	[0 to 255 / **0** / 1digit/step]
016	Chip16		ENG	[0 to 255 / **0** / 1digit/step]
017	Chip17		ENG	[0 to 255 / **0** / 1digit/step]
018	Chip18		ENG	[0 to 255 / **0** / 1digit/step]
019	Chip19		ENG	[0 to 255 / **0** / 1digit/step]
020	Chip20		ENG	[0 to 255 / **0** / 1digit/step]
021	Chip21		ENG	[0 to 255 / **0** / 1digit/step]
022	Chip22		ENG	[0 to 255 / **0** / 1digit/step]
023	Chip23		ENG	[0 to 255 / **0** / 1digit/step]
024	Chip24		ENG	[0 to 255 / **0** / 1digit/step]

4796	[Low Density Color Correction]
	-

001	Front Side	*ENG	[0 to 3 / **0** / 1/step] 0: OFF 1: WEAK 2: MEDIUM 3: STRONG
	Corrects low chroman area of front side. With Single-Pass duplex models, coloring might change between the front side and the rear side of the gray half tone area, due to scanning system difference. if user points out this difference, by changing this setting, difference can be reduced. Adjusts intensity of correction depending on coloring difference. For a side effect, low chroman area's reproducibility will spoil as stronger the intensity gets.		
002	Rear Side	*ENG	[0 to 3 / **0** / 1/step] 0: OFF 1: WEAK 2: MEDIUM 3: STRONG
	Corrects low chroman area of rear side. With Single-Pass duplex models, coloring might change between the front side and the rear side of the gray half tone area, due to scanning system difference. if user points out this difference, by changing this setting, difference can be reduced. Adjusts intensity of correction depending on coloring difference. For a side effect, low chroman area's reproducibility will spoil as stronger the intensity gets.		

4797	[Rear Side: Digital AE]		
001	Low Limit Setting	*ENG	[0 to 1023 / **364** / 1/step]
	Sets lower limit threshold to detect background when scanning with DF rear. Considers as background when an area of input image is brighter (larger value) than threshold.		
002	Background Erase Level	*ENG	[512 to 1535 / **932** / 1/step]
	Sets background level to decide output value of background erase when scanning with DF rear. As the value enlarges, gets thinner.		

4798	[CIS LED Duty]

001	-	*ENG	[0 to 65535 / **0** / 1/step]
	Displays/Saves LED lighting Duty of CIS.		
	Value set with the shipping test of CIS is saved.		
	Normally do not change setting.		

4799	[CIS TEST Pattern]		
001	select	ENG	[0 to 5 / **0** / 1/step]
			Sets CIS test pattern output.
			0: Scanned Image
			1: Fixed Value Pattern
			2: EO Fixed Value Pattern
			3: Main Scan Gradation
			4: Sub Scan Gradation
			5: Grid Pattern
	To print the test pattern selected with this SP, after setting SP, press the interrupt key, and set paper size, scale, image processing conditions etc... from the panel as like a regular copy job, then set original and press copy button.		
	Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Even Output Level Setting	ENG	[0 to 4095 / **0** / 1digit/step]
	Sets test pattern fixed value output level (Even) of CIS.		
	Fixed value will be displayed / set when SP4-799-001-1: full side fixed value, or SP4-799-001-2: Fixed value per EO is selected.		
003	Odd Output Level Setting	ENG	[0 to 4095 / **0** / 1digit/step]
	Sets test pattern fixed value output level (ODD) of CIS.		
	Fixed value will be displayed / set when SP4-799-001-1: full side fixed value, or SP4-799-001-2: Fixed value per EO is selected.		

4802	[Scanner Free run]		
001	DF mode :Lamp Off	ENG	[0 or 1 / **0** / 1/step]
	Repeat DF shading with lamp off.		

002	DF mode :Lamp On	ENG	[0 or 1 / **0** / 1/step]
	Repeat DF shading with lamp on.		

4803	[Home Position Adj Value]		
001	-	ENG	[-2 to 2 / 0 / 0.1mm/step]
	Run Home position operation (Homing).		

4804	[Home Position Operation]		
001	-	ENG	[0 or 1 / **0** / 1/step]
	Run Home position operation (Homing).		

4806	[Scan Carriage Retract Op]		
001	-	ENG	[0 or 1 / **0** / 1/step]
	Run Carriage retract operation.		

4807	[SBU Off Mode]		
001	On/Off	ENG	[0 or 1 / **1** / 0] 0:OFF 1:ON(default)
	Switch ON/OFF for stopping CCD drive clock of SBU when scanner is standby. Use for process adjustment/design evaluation.		

4813	[ALC Selection]		

001	FC	*ENG	[0 or 1 / **1** / 1/step] 0:OFF 1:ON(default)
	Sets ON/OFF variable correction for scanning level of original when continuously scanning multiple originals using ADF. For increasing productivity of ADF, creating correction data is done at a certain (3min) interval. If shade correcting data is not updated, original scanning level will change affected by the light source brightness changing, therefore, variable will be corrected by scanning the guide plate (white) of ADF from between originals. This SP setting (enable/disable) will apply to color scan. In an occasion of an unexpected malfunction and level correcting does not work, or background density disorderly changes among multiple scanned originals, and by changing setting these will improve; then temporarily set correction OFF. By setting interval shading OFF with SP4-351-001, even when ALC is set to OFF, shading will be done each time, and will prevent density change when having level correction OFF. But in this case, shading data is created (moving carriage) with original interval of ADF scanning, therefore Productivity will drop		
002	BW	*ENG	[0 or 1 / **1** / 1/step] 0:OFF 1:ON(default)
	Sets ON/OFF variable correction for scanning level of original when continuously scanning multiple originals using ADF. For increasing productivity of ADF, creating correction data is done at a certain (3min) interval. If shade correcting data is not updated, original scanning level will change affected by the light source brightness changing, therefore , variable will be corrected by scanning the guide plate (white) of ADF from between originals. This SP setting (enable/disable) will apply to B&W scan. In an occasion of an unexpected malfunction and level correcting does not work, or background density disorderly changes among multiple scanned originals, and by changing setting these will improve; then temporarily set correction OFF. By setting interval shading OFF with SP4-351-001, even when ALC is set to OFF, shading will be done each time, and will prevent density change when having level correction OFF. But in this case, shading data is created (moving carriage) with original interval of ADF scanning, therefore Productivity will drop		

2

4850	[PMW]		
001	Latest	*ENG	[0 to 8191 / **0** / 1digit/step]
	Displays LED lighting Duty (PMW) adjustment value of LED light quantity adjust. When output of CCD is overflowed from the amount of light, Reduces light quantity by adjusting LED light source lighting duty when scanner powers ON. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting	*ENG	[0 to 8191 / **0** / 1digit/step]
	Displays LED lighting Duty (PMW) adjustment value of factory default LED light quantity adjust. Factory default LED lighting Duty (PMW) adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4851	[LED White Level Peak Read]		
001	Latest: RE	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays white level peak scanning value (RED/EVEN pixel) of LED light quantity adjustment. Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted. SC102-00 is given when LED light quantity does not complete. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Latest: RO	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays white level peak scanning value (RED/ODD pixel) of LED light quantity adjustment. Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted. SC102-00 is given when LED light quantity does not complete. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

003	Latest: GE	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays white level peak scanning value (GREEN/EVEN pixel) of LED light quantity adjustment. Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted. SC102-00 is given when LED light quantity does not complete. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
004	Latest: GO	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays white level peak scanning value (GREEN/ODD pixel) of LED light quantity adjustment. Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted. SC102-00 is given when LED light quantity does not complete. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
005	Latest: BE	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays white level peak scanning value (BLUE/EVEN pixel) of LED light quantity adjustment. Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted. SC102-00 is given when LED light quantity does not complete. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
006	Latest: BO	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays white level peak scanning value (BLUE/ODD pixel) of LED light quantity adjustment. Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted. SC102-00 is given when LED light quantity does not complete. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4852	[LED White Level Peak Read]

001	Factory Setting: RE	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves white level peak scanning value (RED/EVEN pixel) of factory default LED light quantity adjustment. Factory default white level peak scanning data will be saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: RO	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves white level peak scanning value (RED/ODD pixel) of factory default LED light quantity adjustment. Factory default white level peak scanning data will be saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
003	Factory Setting: GE	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves white level peak scanning value (GREEN/EVEN pixel) of factory default LED light quantity adjustment. Factory default white level peak scanning data will be saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
004	Factory Setting: GO	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves white level peak scanning value (GREEN/ODD pixel) of factory default LED light quantity adjustment. Factory default white level peak scanning data will be saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
005	Factory Setting: BE	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves white level peak scanning value (BLUE/EVEN pixel) of factory default LED light quantity adjustment. Factory default white level peak scanning data will be saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

006	Factory Setting: BO	*ENG	[0 to 1023 / **0** / 1digit/step]
	Displays/Saves white level peak scanning value (BLUE/ODD pixel) of factory default LED light quantity adjustment. Factory default white level peak scanning data will be saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

4902	[Disp ACC Data]		
001	R_DATA1	*ENG	[0 to 255 / **0** / 1/step]
	Displays (0 to 255) scan value (R component) of scanner for AAC pattern (white background area)		
002	G_DATA1	*ENG	[0 to 255 / **0** / 1/step]
	Displays (0 to 255) scan value (G component) of scanner for AAC pattern (white background area)		
003	B_DATA1	*ENG	[0 to 255 / **0** / 1/step]
	Displays (0 to 255) scan value (B component) of scanner for AAC pattern (white background area)		
004	R_DATA2	*ENG	[0 to 255 / **0** / 1/step]
	Displays (0 to 255) scan value (R component) of scanner for AAC pattern (Cyan max. density area)		
005	G_DATA2	*ENG	[0 to 255 / **0** / 1/step]
	Displays (0 to 255) scan value (G component) of scanner for AAC pattern (Magenta max. density area)		
006	B_DATA2	*ENG	[0 to 255 / **0** / 1/step]
	Displays (0 to 255) scan value (B component) of scanner for AAC pattern (Yellow max. density area)		

4905	[Select Gradation Level]		
001	-	*ENG	[0 to 255 / **0** / 1/step]
	Sets when switching threshold matrix used for tone process.		

4909	[Man Gamma:P ColK]			
	-			
001	Offset:Highlight	*ENG	[0 to 30 / **15** / 1/step]
002	Offset:Middle	*ENG	[0 to 30 / **15** / 1/step]
003	Offset:Shadow	*ENG	[0 to 30 / **15** / 1/step]
004	Offset:IDmax	*ENG	[0 to 30 / **15** / 1/step]
005	Option:Highlight	*ENG	[0 to 255 / **0** / 1/step]
006	Option:Middle	*ENG	[0 to 12 / **0** / 1/step]
007	Option:Shadow	*ENG	[0 to 255 / **0** / 1/step]
008	Option:IDmax	*ENG	[0 to 255 / **0** / 1/step]

4910	[Man Gamma:Txt:K]			
	-			
001	Offset:Highlight	*ENG	[0 to 30 / **15** / 1/step]
002	Offset:Middle	*ENG	[0 to 30 / **15** / 1/step]
003	Offset:Shadow	*ENG	[0 to 30 / **15** / 1/step]
004	Offset:IDmax	*ENG	[0 to 30 / **15** / 1/step]
005	Option:Highlight	*ENG	[0 to 255 / **0** / 1/step]
006	Option:Middle	*ENG	[0 to 12 / **0** / 1/step]
007	Option:Shadow	*ENG	[0 to 255 / **0** / 1/step]
008	Option:IDmax	*ENG	[0 to 255 / **0** / 1/step]

4911	[Man Gamma:Txt:C]			
	-			
001	Offset:Highlight	*ENG	[0 to 30 / **15** / 1/step]
002	Offset:Middle	*ENG	[0 to 30 / **15** / 1/step]
003	Offset:Shadow	*ENG	[0 to 30 / **15** / 1/step]

	004	Offset:IDmax	*ENG	[0 to 30 / 15 / 1/step]
	005	Option:Highlight	*ENG	[0 to 255 / 0 / 1/step]
	006	Option:Middle	*ENG	[0 to 12 / 0 / 1/step]
	007	Option:Shadow	*ENG	[0 to 255 / 0 / 1/step]
	008	Option:IDmax	*ENG	[0 to 255 / 0 / 1/step]

4912	[Man Gamma:Txt:M]			
	-			
	001	Offset:Highlight	*ENG	[0 to 30 / 15 / 1/step]
	002	Offset:Middle	*ENG	[0 to 30 / 15 / 1/step]
	003	Offset:Shadow	*ENG	[0 to 30 / 15 / 1/step]
	004	Offset:IDmax	*ENG	[0 to 30 / 15 / 1/step]
	005	Option:Highlight	*ENG	[0 to 255 / 0 / 1/step]
	006	Option:Middle	*ENG	[0 to 12 / 0 / 1/step]
	007	Option:Shadow	*ENG	[0 to 255 / 0 / 1/step]
	008	Option:IDmax	*ENG	[0 to 255 / 0 / 1/step]

4913	[Man Gamma:Txt:Y]			
	-			
	001	Offset:Highlight	*ENG	[0 to 30 / 15 / 1/step]
	002	Offset:Middle	*ENG	[0 to 30 / 15 / 1/step]
	003	Offset:Shadow	*ENG	[0 to 30 / 15 / 1/step]
	004	Offset:IDmax	*ENG	[0 to 30 / 15 / 1/step]
	005	Option:Highlight	*ENG	[0 to 255 / 0 / 1/step]
	006	Option:Middle	*ENG	[0 to 12 / 0 / 1/step]
	007	Option:Shadow	*ENG	[0 to 255 / 0 / 1/step]
	008	Option:IDmax	*ENG	[0 to 255 / 0 / 1/step]

4914	[Man Gamma:T:ColK]			
	-			
001	Offset:Highlight		*ENG	[0 to 30 / **15** / 1/step]
002	Offset:Middle		*ENG	[0 to 30 / **15** / 1/step]
003	Offset:Shadow		*ENG	[0 to 30 / **15** / 1/step]
004	Offset:IDmax		*ENG	[0 to 30 / **15** / 1/step]
005	Option:Highlight		*ENG	[0 to 255 / **0** / 1/step]
006	Option:Middle		*ENG	[0 to 12 / **0** / 1/step]
007	Option:Shadow		*ENG	[0 to 255 / **0** / 1/step]
008	Option:IDmax		*ENG	[0 to 255 / **0** / 1/step]

4915	[Man Gamma:Pht:K]			
	-			
001	Offset:Highlight		*ENG	[0 to 30 / **15** / 1/step]
002	Offset:Middle		*ENG	[0 to 30 / **15** / 1/step]
003	Offset:Shadow		*ENG	[0 to 30 / **15** / 1/step]
004	Offset:IDmax		*ENG	[0 to 30 / **15** / 1/step]
005	Option:Highlight		*ENG	[0 to 255 / **0** / 1/step]
006	Option:Middle		*ENG	[0 to 12 / **0** / 1/step]
007	Option:Shadow		*ENG	[0 to 255 / **0** / 1/step]
008	Option:IDmax		*ENG	[0 to 255 / **0** / 1/step]

4916	[Man Gamma:Pht:C]			
	-			
001	Offset:Highlight		*ENG	[0 to 30 / **15** / 1/step]
002	Offset:Middle		*ENG	[0 to 30 / **15** / 1/step]
003	Offset:Shadow		*ENG	[0 to 30 / **15** / 1/step]

004	Offset:IDmax	*ENG	[0 to 30 / **15** / 1/step]
005	Option:Highlight	*ENG	[0 to 255 / **0** / 1/step]
006	Option:Middle	*ENG	[0 to 12 / **0** / 1/step]
007	Option:Shadow	*ENG	[0 to 255 / **0** / 1/step]
008	Option:IDmax	*ENG	[0 to 255 / **0** / 1/step]

4917	[Man Gamma:Pht:M]		
	-		
001	Offset:Highlight	*ENG	[0 to 30 / **15** / 1/step]
002	Offset:Middle	*ENG	[0 to 30 / **15** / 1/step]
003	Offset:Shadow	*ENG	[0 to 30 / **15** / 1/step]
004	Offset:IDmax	*ENG	[0 to 30 / **15** / 1/step]
005	Option:Highlight	*ENG	[0 to 255 / **0** / 1/step]
006	Option:Middle	*ENG	[0 to 12 / **0** / 1/step]
007	Option:Shadow	*ENG	[0 to 255 / **0** / 1/step]
008	Option:IDmax	*ENG	[0 to 255 / **0** / 1/step]

4918	[Man Gamma:Pht:Y]		
	-		
001	Offset:Highlight	*ENG	[0 to 30 / **15** / 1/step]
002	Offset:Middle	*ENG	[0 to 30 / **15** / 1/step]
003	Offset:Shadow	*ENG	[0 to 30 / **15** / 1/step]
004	Offset:IDmax	*ENG	[0 to 30 / **15** / 1/step]
005	Option:Highlight	*ENG	[0 to 255 / **0** / 1/step]
006	Option:Middle	*ENG	[0 to 12 / **0** / 1/step]
007	Option:Shadow	*ENG	[0 to 255 / **0** / 1/step]
008	Option:IDmax	*ENG	[0 to 255 / **0** / 1/step]

4918	[Man Gamma Adj]		
009	-	ENG	[- / - / -]
	Adjusts manual gamma with setting value of "Option-IDmax" against highlight, middle, shadow, and IdMax.		

4930	[Coverage Ctrl: Text]		
001	Copy: Full Color 1	*ENG	[0 to 400 / **200** / 1/step]
	Sets text area total amount control value (0% to 400%) when full color copying with text/photo mode.		
002	Copy: Full Color 2	*ENG	[0 to 400 / **200** / 1/step]
	Sets text area total amount control value (0% to 400%) when full color copying with modes except text/photo mode.		
003	Copy: Single Color	*ENG	[0 to 400 / **100** / 1/step]
	Sets text area total amount control value (0% to 400%) when copying in color mode (B&W).		
004	Copy: Color Conversion	*ENG	[0 to 400 / **180** / 1/step]
	Sets text area total amount control value (0% to 400%) when copying in color mode (One color, Two colors).		
005	Coverage Ctrl OFF	*ENG	[0 to 400 / **400** / 1/step]
	Sets text area total amount control value (0% to 400%) when outputting image in other image output modes (normally, decontrolling total amount control)		

4931	[Coverage Ctrl: Photo]		
001	Copy: Full Color 1	*ENG	[0 to 400 / **240** / 1/step]
	Sets photo area total amount control value (0% to 400%) when full color copying with text/photo mode.		
002	Copy: Full Color 2	*ENG	[0 to 400 / **260** / 1/step]
	Sets photo area total amount control value (0% to 400%) when full color copying with modes except text/photo mode.		

003	Copy: Single Color	*ENG	[0 to 400 / **100** / 1/step]
	Sets photo area total amount control value (0% to 400%) when copying in color mode (B&W).		
004	Copy: Color Conversion	*ENG	[0 to 400 / **200** / 1/step]
	Sets photo area total amount control value (0% to 400%) when copying in color mode (One color, Two colors).		
005	Coverage Ctrl OFF	*ENG	[0 to 400 / **400** / 1/step]
	Sets photo area total amount control value (0% to 400%) when outputting image in other image output modes (normally, decontrolling total amount control)		

4940	**[Base Gamma Ctrl Pt:Txt K]**		
	-		
001	N.K.x1.y1	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12.y12.x13.y13	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4941	[Base Gamma Ctrl Pt: Text C]		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4942	[Base Gamma Ctrl Pt: Text M]		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4943	[Base Gamma Ctrl Pt: Text Y]		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4944	[Base Gamma Ctrl Pt: Photo K]		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4945	[Base Gamma Ctrl Pt: Photo C]		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4946	[Base Gamma Ctrl Pt: Photo M]		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4947	[Base Gamma Ctrl Pt: Photo Y]		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4948	[ACC Execute Time:Present]		
	-		
001	yy/mm/dd	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	hh/mm/ss	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4949	[ACC Execute Time:Previous]		
	-		

001	yy/mm/dd	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	hh/mm/ss	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4954	**[Restore Test Chart]**		
005	Chromaticity Rank	ENG	[0 to 255 / **0** / 1/step]
	Correct dispersion of scanner reading value among same models, based on the Color degree rank setting value of Scanner (front side).(Setting value0: Correction OFF)		

4958	**[Restore Test Chart: Rear]**		
005	Chromaticity Rank	ENG	[0 to 255 / **0** / 1/step]
	Correct dispersion of scanner reading value among same models, based on the Color degree rank setting value of Scanner (rear side).(Setting value0: Correction OFF)		

4960	**[BaseGamma Ctrl Pt:Def:TxtK]**		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4961	[BaseGamma Ctrl Pt:Def:TxtC]		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4962	[BaseGamma Ctrl Pt:Def:TxtM]		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4964	[BaseGamma Ctrl Pt:Def:PhotoK]		
	-		
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4965	[BaseGamma Ctrl Pt:Def:PhotoC]		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4966	[BaseGamma Ctrl Pt:Def:PhotoM]		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4967	[BaseGamma Ctrl Pt:Def:PhotoY]		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4970	**[Base Gamma Ctrl Pt:Prev:TxtK]**		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12 y12 x13 y13	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4971	**[Base Gamma Ctrl Pt:Prev:TxtC]**		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4972	[Base Gamma Ctrl Pt:Prev:TxtM]		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4973	[Base Gamma Ctrl Pt:Prev:TxtY]		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12 y12 x13 y13	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4974	[Base Gamma Ctrl Pt:Prev:PhotoK]		
	-		
001	N K x1 y1	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4975	**[Base Gamma Ctrl Pt:Prev:PhotoC]**		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4976	[Base Gamma Ctrl Pt:Prev:PhotoM]		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4977	[Base Gamma Ctrl Pt:Prev:PhotoY]		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16 y16	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4980	[IBACC Gamma Ctrl Pt: K]		
	-		
001	N.K.x1.y1	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

007	x12.y12.x13.y13	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4981	[IBACC Gamma Ctrl Pt: C]		
	-		
001	N.K.x1.y1	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2.y2.x3.y3	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12.y12.x13.y13	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4982	[IBACC Gamma Ctrl Pt: M]		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8.y8.x9.y9	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
007	x12.y12.x13.y13	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4983	[IIBACC Gamma Ctrl Pt: Y]		
	-		
001	N.K.x1.y1	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
003	x4.y4.x5.y5	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
004	x6.y6.x7.y7	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]
009	x16.y16	*ENG	[0x00000000 to 0xFFFFFFFF / **0x00000000** / 1/step]

4984	[IBACC Target Den] Sets reflecting rate (0 to 10) of copy IBACC correction against K, C, M, Y plate. As value enlarges, reflecting rate increases. Copy IBACC correction will not be done when setting to 0.		
001	IBACC notch K	*ENG	[0 to 10 / **5** / 1/step]
002	IBACC notch C	*ENG	
003	IBACC notch M	*ENG	
004	IBACC notch Y	*ENG	

4990	[IPU Memory Access] -		
001	-	*ENG	[0x000000 to 0xFFFFFF / 0x000000 / - /step]
002	Address Setting	*ENG	[0x000000 to 0xFFFFFFFF / 0x000000 / - /step]
003	Data Setting	*ENG	[0x000000 to 0x000000 / 0x000000 / - /step]

4991	[IPU Memory Access]		
001	RGB Frame Memory	ENG	[0 to 19 / **2** / 1/step]
002	Filter test output	*ENG	[0 to 28 / **24** / 1/step]
003	Data Setting	*ENG	[0 to 15 / **1** / 1/step]
004	Filter CPR output	ENG	[0 to 15 / **0** / 1/step]

4993	[High Light Correction]		
001	Sensitivity Selection	*ENG	[0 to 9 / **4** / 1/step] 0: Weak 9: Strong
	Sets detect sensitivity for full color auto density. Larger the value, weaker (less background tracking) the sensitivity.		
002	Range Selection	*ENG	[0 to 9 / **4** / 1/step] 0: Weak 9: Strong
	Sets detect area for full color auto density. Larger the value, wider the area.		

4994	[Adj Txt/Photo Recog Level]		
001	High Compression PDF	*ENG	[0 to 2 / **1** / 1/step]
	Adjusts the guide for recognize images text area and image area. Settings are 0: textish, 1: basic 2:imageish		

4996	[White Paper Detection Level]		
001	-	*ENG	[0 to 6 / **3** / 1/step]
	Sets blank paper detect level. Larger the value, easier detecting.		

Main SP Tables-5

SP5-XXX (Mode)

5009	[Add Display Language]		
	Adds language available in user choice. (Only the languages registered in the machine) Refer to the displayed language list to set in the way showed below. List Number Assigned Bit Switch No.1 to 8 BIT1 to 8 (SP5009-201) No.9 to 16BIT1 to 8 (SP5009-202) No.17 to 24BIT1 to 8 (SP5009-203) No.25 to 32BIT1 to 8 (SP5009-204) Example: To add American(No.3 in the list) or Czech (No.15) Turn Bit 3 of "SP5009-201" 0 to 1 for American. Turn Bit 7 of "SP5009-202" 0 to 1 for Czech. After setting, turn the main power switch off and on to make the setting valid.		
201	Bit SW	*CTL	[1 to 255 / 0 / 1/step]
202	Bit SW	*CTL	[1 to 255 / 0 / 1/step]
203	Bit SW	*CTL	[1 to 255 / 0 / 1/step]
204	Bit SW	*CTL	[1 to 255 / 0 / 1/step]

5024	[mm/inch Display Selection]		
	Display units (mm or inch) for custom paper sizes.		
001	0:mm 1:inch	*CTL	[0 or 1 / 1(USA), 0(Others) / 1/step] 0: mm 1: inch

5045	[Accounting counter]		
	Selects the counting method. **⬇Note** • The counting method can be changed only once, regardless of whether the counter value is negative or positive.		
001	Counter Method	*CTL	[0 to 7 / 1 / step] 0: Developments 1: Prints 2: Coverage 7: Coverage (YMC)

5047	[Paper Display]		
	Turns on or off the printed paper display on the LCD.		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: OFF 1: ON

5051	[TonerRefillDisplay]		
	Enables or disables the toner refill detection display.		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: ON 1: OFF

5055	[Display IP Address]		
	Display or does not display the IP address on the operation panel.		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: OFF 1: ON

5061	[Toner Remaining Icon Display Change]		
	Display or does not display the remaining toner display icon on the LCD.		
001	-	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display

5062	[Parts Replacement Alert Display]		
	Display or does not display the PM part yield on the LCD.		
002	#Drum unit:Bk	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
003	#Development unit:Bk	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
011	Coating Bar:Bk	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
025	#Drum unit :C	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
026	#Development unit:C	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
048	#Drum unit :M	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
049	Development unit:M	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display

071	#Drum unit:Y	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
072	#Development unit:Y	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
093	Image Transfer Unit	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
102	Image Transfer Cleaning Unit	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
109	Paper Transfer Roller Unit	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
115	Fusing unit	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
116	Fusing Roller unit	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
118	Pressure Roller	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
131	Filter Ozone Duct	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
132	Filter Heat Exhaust Duct	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display

2

142	Wast Toner bottle	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
206	ADF Pick-up Roller	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
207	ADF Transfer Belt	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display
208	ADF Separation Roller	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display

5066	[PM Parts Display]		
	Display or does not display the "PM parts" button on the LCD.		
001	-	*CTL	[0 or 1 / **0** / 1/step] 0: Not display 1: Display

5067	[Part Replacement Operation Type]		
	Selects the service maintenance or user maintenance for each PM parts. If the user service is selected, PM alert is displayed on the LCD		
002	#Drum unit:Bk	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
003	#Development unit:Bk	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User

011	Coating Bar:Bk	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
025	#Drum unit:C	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
026	#Development unit:C	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
048	#Drum unit:M	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
049	Development unit:M	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
071	#Drum unit:Y	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
072	#Development unit:Y	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
093	Image Transfer Unit	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
102	Image Transfer Cleaning Unit	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
109	Paper Transfer Roller Unit	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User

115	Fusing unit	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
116	Fusing Roller unit	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
118	Pressure Roller	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
131	Filter Ozone Duct	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
132	Filter Heat Exhaust Duct	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
142	Wast Toner bottle	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
206	ADF Pick-up Roller	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
207	ADF Transfer Belt	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User
208	ADF Separation Roller	*CTL	[0 or 1 / **0** / 1/step] 0: Service 1: User

5071	**[Set Bypass Paper Size Display]**		
	Turn on or off the paper size confirmation pop-up on the LED. This pop-up prevents mismatching between a paper size selected by the operation panel and an actual paper size on the by-pass tray.		
001	-	CTL	[0 or 1 / **0** / 1/step] 0: Off 1: On

5073	**[Supply Part Replacement Opration Type]**		
	Selects ether User or Service manages supply parts.		
001	Waste Tonner Bottle	*CTL	[0 or 1 / **0** / 1/step] 0:No Display 1:Display

5074	**[Home Screen Login]**		
	Sets the application that appears when the home key is pressed.		
091	(0:OFF 1:SDK 2:Reserve)	*CTL	[0 to 2 / **0** / 1/step] 0: Function disable 1: SDK application 2: Legacy application (reserved)
092	Product ID	*CTL	[0x00 to 0xffff / **-** / 1/step]
	Sets the Application product ID.		
093	Application ID	*CTL	[0 to 255 / **0** / 1/step]
	Sets the display category of the application that is specified in the SP5075-001,002.		

5075	**[USB Keyboard]**		
	Sets the function of the external keyboard.		
001	Function Setting	*CTL	[0 or 1 / **0** / 1/step] 0: Disable 1: Enable

2

5081	[ServiceSP Entery Code Setting]		
	DFU		
001	ServiceSP Entery Code Setting	-	-

5083	[LED Light Switch Setting]		
	Turns LED lighting ON and OFF at Toner Near End.		
001	Toner Near End	*CTL	[0 or 1 / 1 / 1/step] 0: OFF 1: ON

5114	[Optional Counter I/F]		
001	MF Key Card Extension	*CTL	[0 or 1 / 0 / 1/step] 0: Not installed 1: Installed (scanning accounting)

5118	[Disable Copying]		
	This program disables copying.		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: Not disabled 1: Disabled

5120	[Mode Clear Opt. Counter Removal]		
	This program updates the information on the optional counter. When you install or remove an optional counter, check the settings.		
001	-	*CTL	[0 to 2 / 0 / 1/step] 0: Yes (removed) 1: Standby (installed but not used) 2: No (not removed)

5121	[Counter Up Timing]		
	This program specifies when the counter goes up. The settings refer to "paper feed" and "paper exit" respectively.		
001	0:Feed 1:Exit	*CTL	[0 or 1 / **0** / 1/step] 0: Feed 1: Exit

5126	[Set F-size Document]		
	Larger the value, easier the detecting.		
001	-	ENG	[0 to 2 / **0** / 1/step] 0: 8 1/2 x13 1: 8 1/4 x13 2: 8 x13

5127	[APS Mode]		
	This program disables the APS.		
001	-	*CTL	[0 or 1 / **0** / 1/step] 0: Not disabled 1: Disabled

5131	[Paper Size Type Selection]		
	The program selects a paper size system from the following alternatives: the AB system (0), the LT system (1), and the AF system (2).		
001	-	*ENG	[0 to 2 / **1** / 1/step] 0: JP (Japan) 1: NA 2: EU

5148	[Size Detection Off]
	0: Detect 1: Not Detect

001	-	*CTL	[0 or 1 / **0** / 1/step] 0: OFF 1: ON

5150	[Bypass Length Setting] Normally the paper length for sub scanning paper from the by-pass tray is limited to 600 mm, but this can be extended with this SP to 1260 mm. Image quality is not assured for the length over 600mm. When printing/feeding over 600mm length paper, customization request is required for a customized printer driver.		
001	0: OFF 1: ON	CTL	[0 or 1 / **0** / 1/step] 0: OFF 1: ON

5162	[App. Switch Method] Determines whether the application screen is switched with a hardware switch or software switch.		
001	-	*CTL	[0 or 1 / **0** / 1/step] 0: Soft Key Set 1: Hard Key Set

5167	[Fax Printing Mode at Optional Counter Off] Enables or disables the automatic print out without an accounting device. This SP is used when the receiving fax is accounted by an external accounting device.		
001	-	*CTL	[0 or 1 / **0** / 1/step] 0: Automatic printing 1: No automatic printing

5169	[CE Login] If you will change the printer bit switches, you must 'log in' to service mode with this SP before you go into the printer SP mode.

001	CE Login	*CTL	[0 or 1 / **0** / 1/step] 0: Disabled 1: Enabled

5181	[Size Adjust]		
001	TRAY 1	*ENG	[0 to 3 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: A4 LEF 1: LT LEF 2: B5 LEF 3: A5 LEF
	Fix size of tray 1 to appointed value 0: A4 LEF 1: LT LEF 2: B5 LEF 3: A5 LEF		
002	TRAY 2: 1	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: A4 LEF 1: LT LEF
	Detects size of tray 2 to appointed value preferentially. 0: A4 LEF 1: LT LEF		
003	TRAY 2: 2	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: A3 1: DLT
	Detects size of tray 2 to appointed value preferentially. 0: A3 1: DLT		
004	TRAY 2: 3	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: B4 1: LG
	Detects size of tray 2 to appointed value preferentially. 0: B4 1: LG		

2

005	TRAY 2: 4	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: B5LEF 1: ExeLEF
	Detects size of tray 2 to appointed value preferentially. 0: B5 LEF 1: Exe LEF		
006	TRAY 2: 5	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: SRA3 1: 12X18
	Detects size of tray 2 to appointed value preferentially. 0: SRA3 1: 12x18		
007	TRAY 3/T-LCT: 1	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: A4LEF 1: LTLEF
	Switches auto detection size of 3rd paper feed tray 1(LCT). 0: A4 LEF 1: LT LEF		
008	TRAY 3: 2	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: A3 1: DLT
	Switches auto detection size of 3rd paper feed tray 2. 0: A3 1: DLT		
009	TRAY 3: 3	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: B4 1: LG
	Switches auto detection size of 3rd paper feed tray 3. 0: B4 1: LG		
010	TRAY 3: 4	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: B5LEF 1: ExeLEF
	Switches auto detection size of 3rd paper feed tray 4. 0: B5 LEF 1: Exe LEF		

011	TRAY 3: 5	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: 12.6X17.7 1: 12X18
	Switches auto detection size of 3rd paper feed tray 5. 0: 12.6x17.7 1: 12x18		
012	TRAY 4: 1	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: A4LEF 1: LTLEF
	Switches auto detection size of 4th paper feed tray 1. 0: A4 LEF 1: LT LEF		
013	TRAY 4: 2	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: A3 1: DLT
	Switches auto detection size of 4th paper feed tray 2. 0: A3 1: DLT		
014	TRAY 4: 3	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: B4 1: LG
	Switches auto detection size of 4th paper feed tray 3. 0: B4 1: LG		
015	TRAY 4: 4	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: B5LEF 1: ExeLEF
	Switches auto detection size of 4th paper feed tray 4. 0: B5 LEF 1: Exe LEF		
016	TRAY 4: 5	*ENG	[0 or 1 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: 12.6X17.7 1: 12X18
	Switches auto detection size of 4th paper feed tray 5. 0: 12.6x17.7 1: 12x18		

2

017	LCT	*ENG	[0 to 2 / **NA:1, EU, AS, CHN, TW, KOR:0** / 1/step] 0: A4LEF 1: LTLEF 2: B5LEF
	Switches auto detection size of Side set LCT 0: A4 LEF, 1: LT LEF 2: B5 LEF		

5186	[RK4]		
	Sets whether to do the jam operation when pulling out RK4.		
001	-	*ENG	[0 or 1 / **0** / 1/step]

5188	[Copy Nv Version]		
	Displays the version number of the NVRAM on the controller board.		
001	-	*CTL	[- / **-** / -]

5193	[External Controller Info. Settings]		
	External controler settings.		
001	-	CTL	[0 to 10 / **0** / 1/step] 0: External Controller is not installed 1: EFI 2: Ratio 3: Egret 4: GJ 5:Creo 6: QX-100 7: Kurofune 8 to 10: Reserved

5195	[Limitless SW]		
	Switches productivity precede limit less feed and use paper up limit less feed.		

001	-	*CTL	[0 or 1 / **0** / 1/step] 0: Productivity Precede 1: Use paper up

5196	**[Copier Vendor Mode]** -		
001	90 deg. Rotation	CTL	[- / **-** / -]
002	Color and Tray Selection	CTL	[- / **-** / -]

5199	**[Paper Exit After Staple End]** Enables or disables the paper feeding out from the finisher without stapling. • If this setting is "1: ON", paper is fed out without stapling at the maximum number of the finisher stapling when the machine gets a multiple printing job (over maximum number). • If this setting is "0: OFF", paper is fed out with stapling at the maximum number of the finisher stapling when the machine gets a multiple printing job (over maximum number).		
001	0: OFF 1: ON	CTL	[0 or 1 / **0** / 1/step] 0: OFF, 1: ON

5212	**[Page Numbering]** This program adjusts the position of the second side page numbers. • "- value" moves the page number positions to the left edge. • "+ value" moves the page number positions to the right edge.		
003	Duplex Printout Right/Left Position	*CTL	[-10 to 10 / **0** / 1mm/step]
004	Duplex Printout High/Low Position	*CTL	[-10 to 10 / **0** / 1mm/step]

5227	**[Page numbering]**		
201	Allow Page No. Entry	*CTL	[2 to 9 / **9** / 1/step]
	Specify max. digits for "Job serial numbering start number" of optional text print.		

202	Zero Surplus Stting	*CTL	[0 or 1 / **0** / 1/step] 0:OFF 1:ON
	Specify zero suppress for "Job serial numbering start number" of optional text print.		

5302	[Set Time]		
	Adjusts the RTC (real time clock) time setting for the local time zone. Examples: For Japan (+9 GMT), enter 540 (9 hours x 60 min.) DOM: +540 (Tokyo) NA: -300 (New York) EU: + 60 (Paris) CH: +480 (Beijing) TW: +480 (Taipei) AS: +480 (Hong Kong)		
002	Time Difference	*CTL	[-1440 to 1440 / **-** / 1min./step]

5307	[Summer Time]		
001	Setting	*CTL	[0 to 1 / **-** / 1/step] 0: Disabled 1: Enabled (Default) 1: NA and EUR 0: ASIA and others
	Enables or disables the summer time mode. **Note** • Make sure that both SP5-307-3 and -4 are correctly set. Otherwise, this SP is not activated even if this SP is set to "1".		

003	Rule Set(Start)	*CTL	[0 to 0xffffffff / - / 1hex/step] (Default) NA: 0x11100200 EUR: 0x10500100 ASIA: 0x03100000 Other: 0x00000000

Specifies the start setting for the summer time mode.

There are 8 digits in this SP. For months 1 to 9, the "0" cannot be input in the first digit, so the eight-digit setting for -2 or -3 becomes a seven-digit setting.

1st and 2nd digits: The month. [1 to 12]

3rd digit: The week of the month. [1 to 5]

4th digit: The day of the week. [0 to 6 = Sunday to Saturday]

5th and 6th digits: The hour. [00 to 23]

7th digit: The length of the advanced time. [0 to 9 / 1 hour /step]

8th digit: The length of the advanced time. [0 to 5 / 10 minutes /step]

- The digits are counted from the left.
- Make sure that SP5-307-1 is set to "1".

004	Rule Set (End)	-	-

Specifies the end setting for the summer time mode.

There are 8 digits in this SP.

1st and 2nd digits: The month. [1 to 12]

3rd digit: The week of the month. [0 to 5]

4th digit: The day of the week. [0 to 7 = Sunday to Saturday]

5th and 6th digits: The hour. [00 to 23]

The 7th and 8 digits must be set to "00".

- The digits are counted from the left.
- Make sure that SP5-307-1 is set to "1".

5401	[Access Control]

230	SDK Certification Device	*CTL	[0 to 7 / **0** / power of 2/step] 0-1: SDK authentication available 0-0: Disable all functions 1-1: SKB Display 1-0: Disable 2-1: Administrator login 2-0: Disable 3 to 7-0: Reserved (set "0" only)
240	Detail Option	*CTL	[0 to 7 / **0x00** / 0x01/step]
	0: Logout confirm option -1: ON, 0: OFF 2 to 1: Auto-logout timer(retry timer) -11: 30sec, 10: 20sec, 01: 10sec, 00: 60sec 3: personal authority / Group authority and operation -1: ON, 0: OFF 4: Skip password entry -1: ON, 0: OFF 5: Set the display of the remaining Frequence -1: ON, 0: OFF 6 to 7: Set the display time -1: ON, 0: OFF		

5404	[User Code Count Clear]

004	-	*CTL	[- / - / -] [Execute]
	-		

5411	[LDAP Certification]

004	Easy Certification	*CTL	[0 or 1 / **1** / 1/step] 1: On 0: Off
	Determines whether easy LDAP certification is done.		
005	Password Null Not Permit	*CTL	[0 or 1 / **0** / 1/step] 0: Password NULL not permitted. 1: Password NULL permitted.
	This SP is referenced only when SP5411-4 is set to "1" (On).		
006	Detail Option	*CTL	[0 or 1 / **0** / 1/step] 0: OFF 1: ON
	Determines whether LDAP option (anonymous certification) is turned on or off.		

5413	[Lockout Setting]		
001	Lockout On/Off	*CTL	[0 or 1 / **0** / 1/step] 0: Off 1: On
	Switches on/off the lock on the local address book account.		
002	Lockout Threshold	*CTL	[1 to 10 / **5** / 1/step]
	Sets a limit on the frequency of lockouts for account lockouts.		
003	Cancellation On/Off	*CTL	[0 or 1 / **0** / 1/step] 0: Off (no wait time, lockout not cancelled) 1: On (system waits, cancels lockout if correct user ID and password are entered.
	Determines whether the system waits the prescribed time for input of a correct user ID and password after an account lockout has occurred.		

004	Cancellation Time	*CTL	[1 to 999 / **60** / 1 min./step]
	Determines the length of time that the system waits for correct input of the user ID and password after a lockout has occurred. This setting is used only if SP5413-3 is set to "1" (on).		

5414	**[Access Mitigation]**		
001	Mitigation On/Off	*CTL	[0 or 1 / **0** / 1/step] 0: OFF 1: ON
	Switches on/off masking of continuously used IDs and passwords that are identical.		
002	Mitigation Time	*CTL	[0 to 60 / **15** / 1min./step]
	Sets the length of time for excluding continuous access for identical user IDs and passwords.		

5415	**[Password Attack]**		
001	Permissible Number	*CTL	[0 to 100 / **30** / 1 attempt/step]
	Sets the number of attempts to attack the system with random passwords to gain illegal access to the system.		
002	Detect Time	*CTL	[1 to 10 / **5** / 1 sec./step]
	Sets the time limit to stop a password attack once such an attack has been detected.		

5416	**[Access Information]**		
001	Access User Max Num	*CTL	[50 to 200 / **200** / 1 users/step]
	Limits the number of users used by the access exclusion and password attack detection functions.		
002	Access Password Max Num	*CTL	[50 to 200 / **200** / 1 password/step]
	Limits the number of passwords used by the access exclusion and password attack detection functions.		

003	Monitor Interval	*CTL	[1 to 10 / **3** / 1 sec./step]
	Sets the processing time interval for referencing user ID and password information.		

5417	[Access Attack]		
001	Access Permissible Number	*CTL	[0 to 500 / **100** / 1/step]
	Sets a limit on access attempts when an excessive number of attempts are detected for MFP features.		
002	Attack Detect Time	*CTL	[10 to 30 / **10** / 1 sec./step]
	Sets the length of time for monitoring the frequency of access to MFP features.		
003	Productivity Fall Wait	*CTL	[0 to 9 / **3** / 1 sec./step]
	Sets the wait time to slow down the speed of certification when an excessive number of access attempts have been detected.		
004	Attack Max Num	*CTL	[50 to 200 / **200** / 1 attempt/step]
	Sets a limit on the number of requests received for certification in order to slow down the certification speed when an excessive number of access attempts have been detected.		

5420	[User Authentication]		
	This setting should be done by System Administrators.		
001	Copy	*CTL	[0 to 1 / **0** / 1/step] 0: On 1: Off
	Determines whether certification is required before a user can use the copy applications.		
002	Color Security Setting	*CTL	[0x00 to 0xFF / **0x00** / 1/step]
011	DocumentServer	*CTL	[0 or 1/ **0** / 1/step] 0: On 1: Off
	Determines whether certification is required before a user can use the document server.		

021	Fax	*CTL	[0 or 1/ **0** / 1/step] 0: On 1: Off
	Determines whether certification is required before a user can use the fax application.		
031	Scanner	*CTL	[0 or 1/ **0** / 1/step] 0: On 1: Off
	Determines whether certification is required before a user can use the scan applications.		
041	Printer	*CTL	[0 or 1/ **0** / 1/step] 0: On 1: Off
	Determines whether certification is required before a user can use the printer applications.		
051	SDK1	*CTL	[0 or 1 / **0** / 1/step] 0: ON 1: OFF
061	SDK2	*CTL	
071	SDK3	*CTL	

5481	[Authentication Error Code]		
	These SP codes determine how the authentication failures are displayed.		
001	System Log Disp	*CTL	[0 or 1 / **0** / 1/step] 0: Off 1: On
	Determines whether an error code appears in the system log after a user authentication failure occurs.		
002	Panel Disp	*CTL	[0 or 1 / **0** / 1/step] 1: On 0: Off
	Determines whether an error code appears on the operation panel after a user authentication failure occurs.		

5490	[MF KeyCard (Japan only)]

001	Job Permit Setting	*CTL	[0 to 1 / **0** / 1/step] 0: Disabled. Cancels operation without a user code. 1: Enabled. Allows operation without a user code.
	Sets up operation of the machine with a keycard.		
002	Count Mode Setting	*CTL	-

5501	[PM Alarm]		
001	PM Alarm Level	*CTL	[0 to 9999 / **0** / 1/step] 0: Alarm off 1 to 9999: Alarm goes off when Value (1 to 9999) x 1000 > PM counter

5504	[Jam Alarm Interval]		
001	-	*CTL	[0 to 3 / **3** / 1/step] 0: Z 1: L 2: M 3: H
	Sets the alarm to sound for the specified jam level (document miss feeds are not included).		

5505	[Error Alarm]		
	Sets the error alarm level.		
	The error alarm counter counts "1" when any SC is detected. However, the error alarm counter decreases by "1" when an SC is not detected during a set number of copied sheets (for example, default 700 sheets).		
	The error alarm occurs when the SC error alarm counter reaches "5".		
001	Error Alarm	*CTL	[0 to 25500 / **D146: 2500, D147: 3500, D148: 5000, D149: 6000, D150: 7500 /**undred/step] 0: Alarm Off

2

5507	[Supply/CC Alarm]		
	Enables or disables the notifying a supply call via the @Remote.		
001	Paper Supply Alarm	*CTL	[0 or 1 / **0** / 1/step] 0: OFF 1: ON
002	Staple Supply Alarm	*CTL	[0 or 1 / **0** / 1/step] 0: OFF 1: ON
003	Toner Supply Alarm	*CTL	[0 or 1 / **0** / 1/step] 0: OFF 1: ON
	If you select "1" the alarm will sound when the copier detects toner end.		
006	Toner Collection Bottle Alarm	*CTL	[0 or 1 / **0** / 1/step] 0:OFF 1: ON
080	Toner Call Timing	*CTL	[0 or 1 / **0** / 1/step] 0: At replacement 1: AtLessThanThresh
	Changes the timing of the "Toner Supply Call" via the @Remote, when the following conditions occur.		
081	Toner Call Threshold	*CTL	[10 or 90 / **0** / 10%/step]
128	Interval :Others	*CTL	[250 to 10000 / **1000** / 1page/step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
132	Interval :A3	*CTL	[250 to 10000 / **1000** / 1page/step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		

133	Interval :A4	*CTL	[250 to 10000 / **1000** / 1page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
134	Interval :A5	*CTL	[250 to 10000 / **1000** / 1page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
141	Interval :B4	*CTL	[250 to 10000 / **1000** / 1page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
142	Interval :B5	*CTL	[250 to 10000 / **1000** / 1page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
160	Interval :DLT	*CTL	[250 to 10000 / **1000** / 1page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
166	Interval :LT	*CTL	[250 to 10000 / **1000** / 1page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
172	Interval :HLT	*CTL	[250 to 10000 / **1000** / 1page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		

| 5508 | [CC Call] |

001	Jam Remains	*CTL	[0 or 1 / **1** / 1/step] 0: Disable 1: Enable
	Enables/disables initiating a call for an unattended paper jam.		
002	Continuous Jams	*CTL	[0 or 1 / **1** / 1/step] 0: Disable 1: Enable
	Enables/disables initiating a call for consecutive paper jams.		
003	Continuous Door Open	*CTL	[0 or 1 / **1** / 1/step] 0: Disable 1: Enable
	Enables/disables initiating a call when the front door remains open.		
011	Jam Detection: Time Length	*CTL	[3 to 30 / **10** / 1min./step]
	Sets the time a jam must remain before it becomes an "unattended paper jam". This setting is enabled only when SP5508-004 is set to "1".		
012	Jam Detection: Continuous Count	*CTL	[2 to 10 / **5** / 1time/step]
	Sets the number of consecutive paper jams required to initiate a call. This setting is enabled only when SP5508-004 is set to "1".		
013	Door Open: Time Length	*CTL	[3 to 30 / **10** / 1min./step]
	Sets the length of time the door remains open before the machine initiates a call. This setting is enabled only when SP5-508-004 is set to "1".		

5515	**[SC/Alarm Setting]**
	With @Remote in use, these SP codes can be set to issue an SC call when an SC error occurs. If this SP is switched off, the SC call is not issued when an SC error occurs.

001	SC Call	*CTL	
002	Service Parts Near End Call	*CTL	
003	Service Parts End Call	*CTL	
004	User Call	*CTL	
006	Communication Test Call	*CTL	[0 or 1 / **1** / 1/step]
007	Machine Information Notice	*CTL	0: OFF
008	Alarm Notice	*CTL	1: ON
009	Non Genuine Tonner Ararm	*CTL	
010	Supply Automatic Ordering Call	*CTL	
011	Supply Management Report Call	*CTL	
012	Jam/Door Open Call	*CTL	

5516	**[Individual PM Part Alarm Call]**		
	With @Remote in use, these SP codes can be set to issue an PM alarm call when one of SP parts reaches its yield.		
001	Disable/Enable Setting (0: Not send, 1: Send)	*CTL	[0 or 1 / **1** / 1/step] 0: Not send 1: Send
004	Percent yield for triggering PM alert	*CTL	[1 to 255 / **75** / 1 %/step]

5517	**[Get Machine Information]**		
031	Get SMC Info Retry Internal	*CTL	[10 to 255 / **10** / 1min/step]
	When SMC info collect is interrupt, retries during the time between receiving Request for obtaining SMC info, to value set with this setting.		

5610	**[Base Gamma Ctrl Pt:Execute]**		
004	Get Factory Default	ENG	[0 or 1 / **0** / 1/step]
	Factoryreset the ACC execution result (create base gamma with factory adjusted value).		

005	Set Factory Default	ENG	[0 or 1 / **0** / 1/step]
	Overwrites the factory adjusted value with base gamma control point (current value).		
006	Restore Orginal Value	ENG	[0 or 1 / **0** / 1/step]
	Reset the ACC execution result (create base gamma with last adjusted value).		

5611	[Toner Color in 2C]		
001	B-C	*ENG	[0 to 128 / **100** / 1/step]
	Adjust (no correction: 100) output color (C component) from 0(%) to 128(%) when setting basic color (blue) to single color.		
002	B-M	*ENG	[0 to 128 / **100** / 1/step]
	Adjust (no correction: 100) output color (M component) from 0(%) to 128(%) when setting basic color (blue) to single color.		
003	G-C	*ENG	[0 to 128 / **100** / 1/step]
	Adjust (no correction: 100) output color (C component) from 0(%) to 128(%) when setting basic color (green) to single color.		
004	G-Y	*ENG	[0 to 128 / **100** / 1/step]
	Adjust (no correction: 100) output color (Y component) from 0(%) to 128(%) when setting basic color (green) to single color.		
005	R-M	*ENG	[0 to 128 / **100** / 1/step]
	Adjust (no correction: 100) output color (M component) from 0(%) to 128(%) when setting basic color (red) to single color.		
006	R-Y	*ENG	[0 to 128 / **100** / 1/step]
	Adjust (no correction: 100) output color (Y component) from 0(%) to 128(%) when setting basic color (red) to single color.		

5618	[Color Mode Display Selection]

001	-	*CTL	[0 or 1 / **1** / 1/step] 0: ACS, Color, Black & White, Two Colors, Single colour 1: ACD, Full Color, Black & White
	Selects the color selection display on the LCD.		

5730	[Extended Function Setting]		
	-		
001	JavaTM Platform setting	*CTL	[1 to 24 char. / **NULL** / -]
	Input license codes to set JavaVM enabled / disabled.		
002	JavaTM Platform display	*CTL	[Read Only / **1** / -] 1(enable)[FIXED]
	Check whether JavaVM is enable of not.		
010	Expiration Prior Alarm Set	*CTL	[0 to 999 / **20** / 1day/step]

5745	[PowerConsumption]		
211	Controller Standby	*CTL	[0 to 9999 / **0** / 1/step]
212	STR	*CTL	[0 to 9999 / **0** / 1/step]
213	Main Power Off	*CTL	[0 to 9999 / **0** / 1/step]
214	Scanning and Printing	*CTL	[0 to 9999 / **0** / 1/step]
215	Printing	*CTL	[0 to 9999 / **0** / 1/step]
216	Scanning	*CTL	[0 to 9999 / **0** / 1/step]
217	Engine Standby	*CTL	[0 to 9999 / **0** / 1/step]
218	Low Power Consumption	*CTL	[0 to 9999 / **0** / 1/step]
219	Silent Consumption	*CTL	[0 to 9999 / **0** / 1/step]
220	Heater Off	*CTL	[0 to 9999 / **0** / 1/step]

5747	[Browser Setting]		
	-		
201	JPEG Quality	*CTL	[0 to 100 / **80** / 1%/step]
203	memory	*CTL	[0 or 1 / **0** / 1/step] 0: Use extended memory 1: Not use extended memory
204	Vertical Scroll Display Setting	*CTL	[0 or 1 / **0** / 1/step]
207	Browser4	CTL	[0 to 255 / **0** / 1/step]
208	Browser5	CTL	[0 to 255 / **0** / 1/step]
209	Browser6	CTL	[0 to 255 / **0** / 1/step]
210	Browser7	CTL	[0 to 255 / **0** / 1/step]
211	Browser8	CTL	[0 to 255 / **0** / 1/step]
212	Browser9	CTL	[0 to 255 / **0** / 1/step]
213	Browser10	CTL	[char. code + 0-255 bytechar. / **NULL** / -]

5749	[Import/Export]		
	Imports and exports preference information.		
001	Export	CTL	[- / **-** / -] Target: System, Printer, Fax, Scanner Option: Unique, Secret Copy config: Encryption, Encryption key(if selected) [Execute]
101	Import	CTL	[- / **-** / -] Option: Unique Copy config: Encryption, Encryption key(if selected) [Execute]

5752	[Copy FlairAPIFunction Setting]				
	CopyFlairAPI Function enable / disable.				
001	Copy FlairAPIFunction Setting		*CTL	* see BitSwitch below:	

bit	Setting	meanings		Description
		0	1	
bit 0	Start of FlairAPI Server	Off (Do not Start)	On (Start)	Sets whether to start exclusive FlairAPI http server. If it is 0, scanning FlairAPI function and simple UI function will be disabled. The machine installed Android operating panel option, set "1", others set "0".
bit 1	Access permission of FlairAPI from outside of the machine	Disabled	Enabled	If it is "0", accessing is limited from the machine only, such as operating panel, SDK/J, MFP browsers etc... If it is "1", accessing is allowed from outside of FlairAPI such as PC, Remote UI, IT-Box etc...
bit 2	Reserved	-	-	-
bit 3	Reserved	-	-	-
bit 4	Simple UI Function	Disabled	Enabled	If it is "1", the machine can be used Scanner Simple UI. If it is "0", requesting URL of Simple UI returns "404 Not Found"
bit 5	Accessing permission of Simple UI from outside of the machine	Disabled	Enabled	If it is "0", accessing is limited from the machine only (operating panel and MFP browser). If it is "1", accessing is allowed from outside of Simple UI such as PC, mobile devices, and so on.
bit 6	Reserved	-	-	-
bit 7	Reserved	-	-	-

5801	[Memory Clear]		
001	All Clear	CTL	[- / - / -] [Execute]
	Resets all correction data for process control and all software counters, and returns all modes and adjustments to their default values.		

5801	[Memory Clear]		
002	Engine	ENG	[- / - / -] [Execute]
	Clears non-volatile memory of engine.		

5801	[Memory Clear]		
	Select following SPs and press [Execute] on LCD. After executing, reboot the machine.		
003	SCS	CTL	[- / - / -] [Execute]
	Initializes default system settings, SCS (System Control Service) settings, operation display coordinates, and ROM update information.		
004	IMH Memory Clr	CTL	[- / - / -] [Execute]
	Initializes the IMH settings.		
005	Mcs	CTL	[- / - / -] [Execute]
	Initializes the Mcs settings.		
006	Copier Application	CTL	[- / - / -] [Execute]
	Initializes all copier application settings.		

007	Fax Application	CTL	[- / - / -] [Execute]
	Initializes the fax reset time, job login ID, all TX/RX settings, local storage file numbers, and off-hook timer.		
008	Printer Application	CTL	[- / - / -] [Execute]
	The following service settings: • Bit switches • Gamma settings (User & Service) • Toner Limit The following user settings: • Tray Priority • Menu Protect • System Setting except for setting of Energy Saver • I/F Setup (I/O Buffer and I/O Timeout) • PCL Menu		
009	Scanner Application	CTL	[- / - / -] [Execute]
	Initializes the scanner defaults for the scanner and all the scanner SP modes.		
	Deletes the network file application management files and thumbnails, and initializes the job login ID.		
010	Web Service	CTL	[- / - / -] [Execute]
	Deletes the network file application management files and thumbnails, and initializes the job login ID.		
011	NCS	CTL	[- / - / -] [Execute]
	All setting of Network Setup (User Menu) (NCS: Network Control Service)		

012	R-Fax	CTL	[- / - / -] [Execute]
	Initializes the job login ID, SmartDeviceMonitor for Admin, job history, and local storage file numbers.		
014	Clear DCS Setting	CTL	[- / - / -] [Execute]
	Initializes the DCS (Delivery Control Service) settings.		
015	Clear UCS Setting	CTL	[- / - / -] [Execute]
	Initializes the UCS (User Information Control Service) settings.		
016	MIRS Memory Clr	CTL	[- / - / -] [Execute]
	Initializes the MIRS (Machine Information Report Service) settings.		
017	CCS	CTL	[- / - / -] [Execute]
	Initializes the CCS (Certification and Charge-control Service) settings.		
018	SRM Memory Clr	CTL	[- / - / -] [Execute]
	Initializes the SRM (System Resource Manager) settings.		
019	LCS Memory Clr	CTL	[- / - / -] [Execute]
	Initializes the LCS settings.		
020	Web Uapli	CTL	[- / - / -] [Execute]
	Initializes the web user application settings.		
021	ECS	CTL	[- / - / -] [Execute]
	Initializes the ECS settings.		

024	BROWSER	CTL	[- / - / -] [Execute]
	Initializes the browser settings.		

5803	[INPUT Check]
	See page 807

5804	[OUTPUT Check]
	See page 836

5805	[Anti-Condensation Heater]		
	Switches ON/OFF dehumidify heater / dew condensation preventing heater during standby. 0: OFF... Switches OFF when standby (default setting) 1: ON... Switches ON when standby		
001	0:OFF / 1:ON	*ENG	[0 or 1 / **0** / 1/step] 0: OFF... Switches OFF when standby (default setting) 1: ON... Switches ON when standby

5810	[SC Reset]		
001	Fusing SC Reset	*ENG	[0 or 1 / **0** / 1/step]
002	Hard High Temp. Detection	*ENG	[0 or 1 / **0** / 1/step]

5811	[MachineSerial]		
002	Display	*ENG	[0 to 255 / **0** / 1/step]
	Displays serial number.		

5811	[MachineSerial Set]

004	BCU	*ENG	[0 to 255 / **0** / 1/step]
	Displays/Enters serial number of BCU:FROM Same as SP5-811-001.		

5812	[Service Tel. No. Setting]		
001	Service	*CTL	[up to 20 / **-** / 1/step]
	Sets the telephone number for a service representative. This number is printed on the Counter List, which can be printed with the user's "Counter" menu. This can be up to 20 characters (both numbers and alphabetic characters can be input).		
002	Facsimile	*CTL	[up to 20 / **-** / 1/step]
	Sets the fax or telephone number for a service representative. This number is printed on the Counter List. This can be up to 20 characters (both numbers and alphabetic characters can be input).		
003	Supply	*CTL	[up to 20 / **-** / 1/step]
	Use this to input the telephone number of your supplier for consumables. Enter the number and press #.		
004	Operation	*CTL	[up to 20 / **-** / 1/step]
	Use this to input the telephone number of your sales agency. Enter the number and press #.		

5816	[Remote Service]		
001	I/F Setting	*CTL	[0 to 2 / **2** / 1/step] 0: Remote service off 1: CSS remote service on 2: NRS remote service on
	Selects the remote service setting.		
002	CE Call	*CTL	[0 or 1 / **0** / 1/step] 0: Start of the service 1: End of the service
	Performs the CE Call at the start or end of the service. **Note** • This SP is activated only when SP 5816-001 is set to "2".		

003	Function Flag	*CTL	[0 or 1 / **0** / 1/step] 0: Disabled 1: Enabled
	Enables or disables the remote service function.		
007	SSL Disable	*CTL	[0 or 1 / **0** / 1/step] 0: Yes. SSL not used. 1: No. SSL used.
	Controls if RCG (Remote Communication Gate) confirmation is done by SSL during an RCG send for the @Remote over a network interface.		
008	RCG Connect Timeout	*CTL	[1 to 90 / **30** / 1second/step]
	Sets the length of time (seconds) for the time-out when the RCG (Remote Communication Gate) connects during a call via the @Remote network.		
008	RCG Connect Timeout	*CTL	[1 to 90 / **30** / 1second/step]
	Sets the length of time (seconds) for the time-out when the RCG (Remote Communication Gate) connects during a call via the @Remote network.		
009	RCG Write Timeout	*CTL	[0 to 100 / **60** / 1second/step]
	Sets the length of time (seconds) for the time-out when the RCG (Remote Communication Gate) connects during a call via the @Remote network.		
010	RCG Read Timeout	*CTL	[0 to 100 / **60** / 1second/step]
	Sets the length of time (seconds) for the timeout when sent data is written from the RCG during a call over the @Remote network.		
011	Port 80 Enable	*CTL	[0 or 1 / **0** / 1/step] 0: No. Access denied 1: Yes. Access granted.
	Controls if permission is given to get access to the SOAP method over Port 80 on the @Remote network.		
013	RFU Timing	*CTL	[0 or 1 / **1** / 1/step] 0: Any status of a target machine 1: Sleep or panel off mode only
	Selects the timing for the remote firmware updating.		

2

<table>
<tr>
<td rowspan="2">014</td>
<td>RCG Error Cause</td>
<td>CTL</td>
<td>[0 or 1 / 0 / 1/step]
0: Initial state, normal condition
1: Error</td>
</tr>
<tr>
<td colspan="3">Displays RCG connection error. cause</td>
</tr>
<tr>
<td rowspan="2">021</td>
<td>RCG – C Registed</td>
<td>*CTL</td>
<td>[0 or 1 / 0 / 1/step]
0: Installation not completed
1: Installation completed</td>
</tr>
<tr>
<td colspan="3">This SP displays and selects the RCG-N connection method.</td>
</tr>
<tr>
<td rowspan="2">023</td>
<td>connect type(N/M)</td>
<td>*CTL</td>
<td>[0 or 1 / 0 / 1/step]
0: internet connection
1: Dial-up connection</td>
</tr>
<tr>
<td colspan="3">Displays the connection type of the NRS G/W and Cumin.
The value will be changed after installation completed in the case of dial-up connection.</td>
</tr>
<tr>
<td rowspan="2">061</td>
<td>Cert Expire Timing</td>
<td>*CTL</td>
<td>[0 to 0xffffffff / 0 / 1/step]
0: Not use
1: Use</td>
</tr>
<tr>
<td colspan="3">Sets the date for expiration notification.</td>
</tr>
<tr>
<td rowspan="2">062</td>
<td>Use Proxy</td>
<td>*CTL</td>
<td>[0 or 1 / 0 / 1/step]
0: Not use
1: Use</td>
</tr>
<tr>
<td colspan="3">This SP setting determines if the proxy server is used when the machine communicates with the service center.</td>
</tr>
<tr>
<td rowspan="2">063</td>
<td>Proxy Host</td>
<td>*CTL</td>
<td>[- / - / -]</td>
</tr>
<tr>
<td colspan="3">This SP sets the address of the proxy server used for communication between the RCG device and the gateway. Use this SP to set up or display the customer proxy server address.
The address is necessary to set up the embedded RCG-N.
⬇ Note
• The address display is limited to 128 characters. Characters beyond the 128 character are ignored.
• This address is customer information and is not printed in the SMC report.</td>
</tr>
</table>

064	Proxy PortNumber	*CTL	[0 to 0xffff / **0** / 1/step]
	This SP sets the port number of the proxy server used for communication between the embedded RCG-N and the gateway. This setting is necessary to set up the embedded RC Gate-N. ⬇**Note** • This port number is customer information and is not printed in the SMC report.		
065	Proxy User Name	*CTL	[up to 31 / - / 1/step]
	This SP sets the HTTP proxy certification user name. The length of the name is limited to 31 characters. Any character beyond the 31st character is ignored. ⬇**Note** • This name is customer information and is not printed in the SMC report.		
066	Proxy Password	*CTL	[up to 31 / - / 1/step]
	This SP sets the HTTP proxy certification password. ⬇**Note** • The length of the password is limited to 31 characters. Any character beyond the 31st character is ignored. • This name is customer information and is not printed in the SMC report.		

2

067	Proxy Password		*CTL	[0 to 255 / **0** / 1/step]
	Displays status of the certification used for Cumin. If it is not installed as Cumin, the value of this SP will be set when it installed, after checking the certification status.			
	0	The certification adequately set on the machine.		
	1	Request for certification update in progress.		
	2	Certification Update completed and notification of the success status to the G/W in progress.		
	3	Certification Update failed and notification of the result to the G/W in progress.		
	4	Certification expiration date will be coming soon. Notifying the G/W to request for certification update.		
	11	Rescue certification setting for connecting to the rescue G/W in progress because update for rescue certification needed.		
	12	Setting for rescue certification has completed. Requesting to the rescue G/W for updating certification.		
	13	Notification for certification updating request has completed. Waiting for the certification update request from the rescue G/W.		
	14	Received the notification for certification updating request from the rescue G/W. Writing the certification.		
	15	Writing the certification has completed. Notifying the result of certification update to the G/W.		
	16	Writing the certification has failed. Notifying the result of certification update to the G/W.		
	17	Writing a rescue certification because received a certification error again after completed the certification update request from the G/W and noticed the result of certification update with the updated certification.		
	18	The writing operation mentioned in #17 has completed. Notifying the result of certification update to the rescue G/W.		

068	CERT: Error	*CTL	[0 to 255 / **0** / 1/step]
	Displays a number code that describes the reason for the request for update of the certification.		
	0	Normal. There is no request for certification update in progress.	
	1	Request for certification update in progress. The current certification has expired.	
	2	An SSL error notification has been issued. Issued after the certification has expired.	
	3	Notification of shift from a common authentication to an individual certification.	
	4	Notification of a common certification without ID2.	
	5	Notification that no certification was issued.	
	6	Notification that GW URL does not exist.	
069	CERT: Up ID	*CTL	[- / **-** / -]
	-		
083	Firm Up Status	*CTL	[0 to 5 / 0 / 1/step] 0: Waiting for accepting firm update 1: Waiting for firm update start schedule 2: Waiting for user confirmation 3: In preparation for the machine firm update 4: processing the machine firm update 5: processing the closing operation of the machine firm update
085	Firm Up User Check	CTL	[- / **-** / -]
	This SP setting determines if the operator can confirm the previous version of the firmware before the firmware update execution. If the option to confirm the previous version is selected, a notification is sent to the system manager and the firmware update is done with the firmware files from the URL.		
086	Firmware Size	CTL	[- / **-** / -]
	Allows the service technician to confirm the size of the firmware data files during the firmware update execution.		

087	CERT:Macro Ver.	CTL	[8digits / - / 1digit/step]
	Displays the macro version of the @Remote certification. This SP displays 8-digit characters.		
088	CERT:PAC Ver.	CTL	[16digits / - / 1digit/step]
	Displays the PAC version of the @Remote certification. This SP displays 16-digit characters.		
089	CERT:ID2Code	CTL	[17digits / - / 1digit/step]
	Displays ID2 for the @Remote certification. Spaces are displayed as underscores (_). Asterisks (****) indicate that no @Remote certification exists. This SP displays 17-digit characters.		
090	CERT:Subject	CTL	[17digits / - / 1digit/step]
	Displays the common name of the @Remote certification subject. CN = the following 17 bytes. Spaces are displayed as underscores (_). Asterisks (****) indicate that no DESS exists.		
091	CERT:Serial No.	CTL	[16digits / - / 1digit/step]
	Displays serial number for the NRS certification. Asterisks (****) indicate that no DESS exists. This SP displays 16-digit characters		
092	CERT:Issuer	CTL	[30digits / - / 1digit/step]
	Displays the common name of the issuer of the @Remote certification. CN = the following 30 bytes. Asterisks (****)indicate that no DESS exists.		
093	CERT:Valid Start	CTL	[10digits / - / 1digit/step]
	Displays the start time of the period for which the current @Remote certification is enabled. This SP displays 10-digit characters.		
094	CERT:Valid End	CTL	[10digits / - / 1digit/step]
	Displays the end time of the period for which the current @Remote certification is enabled. This SP displays 10-digit characters.		
102	CERT:Encrypt Level	*CTL	[1 to 2 / 1 / 1/step]
	Displays the encryption strength of NRS certification.		

150	Selection Country	CTL	[0 to 10 / **1** / 1/step] 0: Japan 1: USA 2: Canada 3: UK 4: Germany 5: France 6: Italy 7: Netherlands 8: Belgium 9: Luxembourg 10: Spain
	Select the country where embedded RCG-M is installed in the machine. After selecting the country, you must also set the following SP codes for embedded RCG-M: • SP5816-153 • SP5816-154 • SP5816-161			
151	Line Type AutomaticJudgment	CTL	[- / **-** / -] [Execute]
	Press [Execute]. Setting this SP classifies the telephone line where embedded RCG-M is connected as either dial-up (pulse dial) or push (DTMF tone) type, so embedded RCG-M can automatically distinguish the number that connects to the outside line.			

2

152	Line Type Judgment Result	CTL	[0 to 9 / - / 1/step]
	Displays a number to show the result of the execution of SP5816 151. Here is a list of what the numbers mean. 0: Success 1: In progress (no result yet). Please wait. 2: Line abnormal 3: Cannot detect dial tone automatically 4: Line is disconnected 5: Insufficient electrical power supply 6: Line classification not supported 7: Error because fax transmission in progress – ioctl() occurred. 8: Other error occurred 9: Line classification still in progress. Please wait.		
153	Selection Dial / Push	CTL	[0 or 1 / **0** / 1 /step] 0: Tone Dialing Phone 1: Pulse Dialing Phone Inside Japan "2" may also be displayed: 0: Tone Dialing Phone 1: Pulse Dialing Phone 10PPS 2: Pulse Dialing Phone 20PPS
	This SP displays the classification (tone or pulse) of the telephone line to the access point for embedded RCG-M. The number displayed (0 or 1) is the result of the execution of SP5816-151. However, this setting can also be changed manually.		

154	Outside Line Outgoing Number	CTL	[- / - / -]
	The SP sets the number that switches to PSTN for the outside connection for embedded RCG-M in a system that employs a PBX (internal line). • If the execution of SP5816-151 has succeeded and embedded RCG-M has connected to the **external** line, this SP display is completely blank. • If embedded RCG-M has connected to an **internal** line, then the number of the connection to the external line is displayed. • If embedded RCG-M has connected to an external line, a comma is displayed with the number. The comma is inserted for a 2 sec. pause. The number setting for the external line can be entered manually (including commas).		
156	Dial Up User Name	CTL	[up to 32 / - / 1/step]
	Use this SP to set a user name for access to remote dial up. Follow these rules when setting a user name: • Name length: Up to 32 characters • Spaces and # allowed but the entire entry must be enclosed by double quotation marks (").		
157	Dial Up Password	CTL	[up to 32 / - / 1/step]
	Use this SP to set a password for access to remote dial up. Follow these rules when setting a user name: • Name length: Up to 32 characters • Spaces and # allowed but the entire entry must be enclosed by double quotation marks (").		
161	Local Phone Number	CTL	[up to 24 / - / 1/step]
	Use this SP to set the telephone number of the line where embedded RCG-M is connected. This number is transmitted to and used by the Call Center to return calls. Limit: 24 numbers (numbers only)		
162	Connection Timing Adjustment Incoming	CTL	[0 to 24 / 1 / 1/step]
	When the Call Center calls out to an embedded RCG-M modem, it sends a repeating ID tone (*#1#). This SP sets the time the line remains open to send these ID tones after the number of the embedded RCG-M modem is dialed up and connected. The actual amount of time is this setting x 2 sec. For example, if you set "2" the line will remain open for 4 sec.		

163	Access Point	CTL	[0 to 16 / **0** / 1/step]
	This is the number of the dial-up access point for RCG-M. If no setting is done for this SP code, then a preset value (determined by the country selected) is used. Default: 0 Allowed: Up to 16 alphanumeric characters		
164	Line Connecting	CTL	[0 to 1 / **0** / 1/step] 0: Sharing Fax 1: No Sharing Fax
	This SP sets the connection conditions for the customer. This setting dedicates the line to RCG-M only, or sets the line for sharing between RCG-M and a fax unit. ⬇ **Note** • If this setting is changed, the copier must be cycled off and on. • SP5816 187 determines whether the off-hook button can be used to interrupt a RCG-M transmission in progress to open the line for fax transaction.		
173	Modem Serial No.	CTL	[- / **-** / -]
	This SP displays the serial number registered for the RCG-M.		
174	Retransmission Limit	CTL	[- / **-** / -]
	Normally, it is best to allow unlimited time for certification and ID2 update requests, and for the notification that the certification has been completed. However, RCG-M generates charges based on transmission time for the customer, so a limit is placed upon the time allowed for these transactions. If these transactions cannot be completed within the allowed time, do this SP to cancel the time restriction.		
187	FAX TX Priority	CTL	[0 or 1/ **0** / 1/step] 0: Disable 1: Enable
	This SP determines whether pushing the off-hook button will interrupt a RCG-M transmission in progress to open the line for fax transaction. This SP can be used only if SP5816 164 is set to "0".		
200	Manual Polling	CTL	[- / **-** / -] [Execute]
	Performs center polling when executed.		

201	Regist Status		CTL	[0 to 4 / **0** / 1/step] [Execute]
	Displays the installation status as the target of NRS services.			
	0	Not installed as NRS machines or Cumin.		
	1	Installing as Cumin. Box enrollment has completed. Unable to response for the machine serching from Basil at this status.		
	2	Installation has completed. Unable to response for the machine serching from Basil at this status.		
	3	As a NRS machine, installation has completed. It cannot install as Cumin.		
	4	NRS modules is not being launched.		
202	Letter Number		*CTL	[- / **-** / -]
	Sets the request number that is required to install Cumin.			
203	Confirm Ececute		*CTL	[- / **-** / -] [Execute]
	Executes the request number inquiry to NRS G/W.			

2

204	Confirm Result	CTL	[0 to 255 / **0** / 1/step]
			0: Success Inquiry
			1: Request number error
			3: Communication error (Enabled Proxy)
			4: Communication error (Disabled Proxy)
			5: Proxy error (failed auth.)
			6: Communication error
			8: Other error (See SP5-816-208 for detail)
			9: Processing inquiry
			20: Failed Dial-up auth.
			21: Failed answer tone detection
			22: Failed career detection
			23: Invalid modem value
			24: Shortage of electrical current
			25: Cable disconnected
			26: Line occupied
Displays the result of SP5-816-203.			

205	Confirm Place	CTL	[0 to 255 / 0 / 1/step] 0: Success registration 1: Request number error 3: Communication error (Enabled Proxy) 4: Communication error (Disabled Proxy) 5: Proxy error (failed auth.) 6: Communication error 8: Other error (See SP5-816-208 for detail) 9: Processing registration 20: Failed Dial-up auth. 21: Failed answer tone detection 22: Failed career detection 23: Invalid modem value 24: Shortage of electrical current 25: Cable disconnected 26: Line occupied
	Displays the installed section informed from G/W for response of request number inquiry if the section is enrolled on the G/W.		
206	Register Execute	CTL	[- / - / -] [Execute]
	Executes the registration of Cumin.		
207	Register Result	CTL	[0 to 255 / 0 / 1/step]
	Displays the registration result. Shows the executed status of SP5-816-206.		
208	Error Code	CTL	[-2147483647 to 2147483647 / 0 / -]
	Displays the registration result of SP5-816-204.		

	Invalid modem parameter	
208	-11001	Chat parameter error.
	-11002	Chat execution error.
	-11003	Unexpected error
	-11004	Disconnect operation occurred during modem communication,
	-11005	NCS reboot occurred during modem communication.
	Errors with invalid procedure or settings	
208	-12002	Attempted to inquiry or registration without obtaining the installation status.
	-12003	Attempted to registrate without inquiry despite un-registered status.
	-12004	Attempted to install with invalid certification, ID2, and without input the machine number.
	-12005	Executed inquiry/ registration in a invalid Cumin function and prohibited @Remote communication.
	-12006	Attempted to inquiry in BOX registration completed.
208	-12007	Registration attempted with the different request number from the number used for the last inquiry.
	-12008	Certificaton update failed because Job processing etc.
	-12009	Mismatched between ID2 in NR-RAM and ID2 in the individual certification.
	-12010	Not initialized the certification area.
	Error with error response from G/W	
208	-2385	Inappropriate international dialing prefix
	-2387	Not supported in the center.
	-2389	DB failure
	-2390	Program failure
	-2391	Double registration of the machine

208	-2392	Parameter error		
	-2393	Not managed Basil		
	-2394	Not managed machine		
	-2395	Invalid BOX ID of Basil		
	-2396	Invalid Devic ID of Basil		
	-2397	Different format of ID2 (includes invalid ID2)		
	-2398	Different format of request number		
209	CommLog Print		CTL	[- / - / -]
	Releases the machine from its embedded RCG setup.			
250	Commlog Print		CTL	[- / - / -]
	Prints the content of communication log (mmeg 8182) on @Remote.			

5821	[Remote Service Address]			
002	RCG IP Address	*CTL	[00000000h to FFFFFFFFh / **00000000h** / 1/step]
	Sets the IP address of the RCG (Remote Communication Gate) destination for call processing at the remote service center.			
003	RCG Port Number	*CTL	[0 to 65535/ **443** / 1/step]
	Sets the port number of the RCG (Remote Communication Gate) destination for call processing at the remote service center.			
004	RCG URL Path	*CTL	[0 to 16 characters (half characters) Default **/RCG/services/** -]

5824	[NV-RAM Data Upload]			
	Uploads the NVRAM data to an SD card. Push Execute.			
001	NV-RAM Data Upload	CTL	[- / - / -] [Execute]

<table>
<tr><td rowspan="2">5825</td><td colspan="4">[NV-RAM Data Download]</td></tr>
<tr><td colspan="4">Downloads data from an SD card to the NVRAM in the machine. After downloading is completed, remove the card and turn the machine power off and on.</td></tr>
<tr><td>001</td><td>NV-RAM Data Download</td><td>CTL</td><td>[- / - / -]
[Execute]</td></tr>
</table>

582 8	[Network Setting]		
001	IPv4 Address(Ethernet/IEEE 802.11)	*CTL	[- / - / -]
050	1284 Compatibility (Centro)	*CTL	[0 or 1 / **1** / 1/step] 0: Disabled 1: Enabled
	Enables or disables 1284 Compatibility.		
052	ECP (Centro)	*CTL	[0 or 1 / **1** / 1/step] 0: Disabled 1: Enabled
	Enables or disables ECP Compatibility.		
065	Job Spooling	*CTL	[0 or 1 / **0** / 1/step] 0: Disabled 1: Enabled
	Enables/disables Job Spooling.		
066	Job Spooling Clear: Start Time	*CTL	[0 or 1 / **1** / 1/step] 0: ON (Data is cleared) 1: OFF (Automatically printed)
	Treatment of the job when a spooled job exists at power on.		

069	Job Spooling (Protocol)	*CTL	[0 or 1 / **0** / 1/step] 0: Validates 1: Invalidates bit0: LPR bit1: FTP bit2: IPP bit3: SMB bit4: BMLinkS bit5: DIPRINT bit6: sftp bit7: (Reserved)
	Validates or invalidates the job spooling function for each protocol.		
087	Protocol usage	* CTL	[0 or 1 / **0x00000000** / 1bit/step]
	Shows which protocols have been used with the network. 0: Off (Not used the network with the protocol.) 1: On (Used the network with the protocol once or more.) bit0: IPsec, bit1: IPv6, bit2: IEEE 802. 1X, bit3:Wireless LAN, bit4: Security mode level setting, bit5:Appletalk, bit6: DHCP, bit7: DHCPv6, bit8: telnet, bit9: SSL, bit10: HTTPS, bit11: BMLinkS printing, bit12: diprint printing, bit13: LPR printing, bit14: ftp printing, bit15: rsh printing, bit16: SMB printing, bit17: WSD-Printer, bit18: WSD-Scanner, bit19: Scan to SMB, bit20: Scan to NCP, bit21: Reserve, bit22: Bluetooth, bit23: IEEE 1284, bit24: USB printing, bit25: Dynamic DNS, bit26: Netware printing, bit27: LLTD, bit28: IPP printing, bit29: IPP printing (SSL), bit30: ssh, bit31: sftp		
090	TELNET (0: OFF 1: ON)	* CTL	[0 or 1 / **1** / 1/step] 0: Disable 1: Enable
	Enables or disables the Telnet protocol.		

091	Web (0: OFF 1: ON)	* CTL	[0 or 1 / 1 / 1/step] 0: Disable 1: Enable
	Enables or disables the Web operation.		
145	Active IPv6 Link Local Address	CTL	[- / - / -]
	This is the IPv6 local address link referenced on the Ethernet or wireless LAN (802.11b) in the format: "Link Local Address" + "Prefix Length" The IPv6 address consists of a total 128 bits configured in 8 blocks of 16 bits each.		
147	SettingActive IPv6 Stateless Address 1	CTL	[0000000000000000000000000000000000000h to FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF80h / **000000000000000000000000000000000040h** / -]
149	SettingActive IPv6 Stateless Address 2	CTL	
151	SettingActive IPv6 Stateless Address 3	CTL	These SPs are the IPv6 status addresses (1 to 5) referenced on the Ethernet or wireless LAN (802.11b) in the format: "Status Address" + "Prefix Length" The IPv6 address consists of a total 128 bits configured in 8 blocks of 16 bits each.
153	SettingActive IPv6 Stateless Address 4	CTL	[0000000000000000000000000000000000000h to FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF80h / **000000000000000000000000000000000040h** / -]
155	SettingActive IPv6 Stateless Address 5	CTL	
156	IPv6 Manual Address	*CTL	These SPs are the IPv6 status addresses (1 to 5) referenced on the Ethernet or wireless LAN (802.11b) in the format: "Status Address" + "Prefix Length" The IPv6 address consists of a total 128 bits configured in 8 blocks of 16 bits each.

158	IPv6 Gateway Address	*CTL	[0000000000000000000000000000000h to FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFh / **0000000000000000000000000000000h** / -]
	This SP is the IPv6 gateway address referenced on the Ethernet or wireless LAN (802.11b). The IPv6 address consists of a total 128 bits configured in 8 blocks of 16 bits each.		
161	IPv6 Stateless Auto Setting	*CTL	[0 or 1 / **1** / 1/step] 0: Disable 1: Enable
	Enables or disables the automatic setting for IPv6 stateless.		
236	Web Item visible	*CTL	[0x0000 to 0xffff / **0xffff** / -]
	Displays or does not display the Web system items. bit0: Net RICOH bit1: Consumable Supplier bit2-15: Reserved (all)		
237	Web shopping link visible	*CTL	[0 or 1 / **1** / 1/step] 0: Not display 1:Display
	Displays or does not display the link to Net RICOH on the top page and link page of the web system.		
238	Web supplies Link visible	*CTL	[Up to 31char / **URL1** / 1/step] 0: Not display 1: Display
	Displays or does not display the link to Consumable Supplier on the top page and link page of the web system.		
239	Web Link1 Name	*CTL	[Up to 31char / **URL1** / 1/step]
	This SP confirms or changes the URL1 name on the link page of the web system. The maximum characters for the URL name are 31 characters.		
240	Web Link1 URL	*CTL	[Up to 127char / **URL1** / 1/step]
	This SP confirms or changes the link to URL1 on the link page of the web system. The maximum characters for the URL are 127 characters.		

2

241	Web Link1 visible	*CTL	[Up to 31 char / **URL2**/ -] 0: Not display 1: Display
	Sets/displays whether to display the link of URL1 for websys top page.		
242	Web Link2 Name	*CTL	[- / **-** / -]
243	Web Link2 URL	*CTL	[- / **-** / -]
244	Web Link2 visible	*CTL	[- / **-** / -]
249	DHCPv6 DUID	CTL	[- / **-** / -]

5832	**[HDD Formatting]**		
	Initializes the hard disk. Use this SP mode only if there is a hard disk error.		
001	HDD Formatting (ALL)	CTL	[- / **-** / -] [Execute]
002	HDD Formatting (IMH)	CTL	[- / **-** / -] [Execute]
003	HDD Formatting (Thumbnail)	CTL	[- / **-** / -] [Execute]
004	HDD Formatting (Job Log)	CTL	[- / **-** / -] [Execute]
005	HDD Formatting (Printer Fonts)	CTL	[- / **-** / -] [Execute]
006	HDD Formatting (User Info1)	CTL	[- / **-** / -] [Execute]
007	Mail RX Data	CTL	[- / **-** / -] [Execute]
008	Mail TX Data	CTL	[- / **-** / -] [Execute]

009	HDD Formatting (Data for a Design)	CTL	[- / - / -] [Execute]
010	HDD Formatting (Log)	CTL	[- / - / -] [Execute]
011	HDD Formatting (Ridoc I/F)	CTL	[- / - / -] [Execute]

5836	[Capture Settings]		
	-		
001	Capture Function (0:Off 1:On)	* CTL	[0 or 1 / **0** / 1/step] 0: Disable 1: Enable
	With this function disabled, the settings related to the capture feature cannot be initialized, displayed, or selected.		
002	Panel Setting	*CTL	[0 or 1 / **0** / 1 /step] 0: Displayed 1: Not displayed
	Displays or does not display the capture function buttons.		

5836	[Capture Settings]		
071	Reduction for Copy Color	*CTL	[0 or 3 / **2** / 1/step] 0: 1to-1 1: 1/2 2: 1/3 3: 1/4

072	Reduction for Copy B&W Text	*CTL	[0 to 3, 6 / **0** / 1/step] 0: 1to-1 1: 1/2 2: 1/3 3: 1/4 6: 2/3
073	Reduction for Copy B&W Other	*CTL	[0 to 3, 6 / **0** / 1/step] 0: 1to-1 1: 1/2 2: 1/3 3: 1/4 6: 2/3
074	Reduction for Printer Color	*CTL	[0 or 3 / **2** / 1/step] 0: 1to-1 1: 1/2 2: 1/3 3: 1/4
075	Reduction for Printer B&W	*CTL	[0 to 3, 6 / **0** / 1/step] 0: 1to-1 1: 1/2 2: 1/3 3: 1/4 6: 2/3
077	Reduction for Printer Color 1200dpi	*CTL	[1, 3 to 5 / **0** / 1/step] 1:1/2 3:1/4 4:1/6 5:1/8

078	Reduction for Printer B&W 1200dpi	*CTL	[0 to 5 / **1** / 1/step] 0: 1 1: 1/2 2: 1/3 3: 1/4 4: 1/6 5: 1/8
081	Format for Copy Color	*CTL	[0 / **0** / 1/step] 0: JFIF/JPEG 1: TIFF/MMR 2: TIFF/MH 3: TIFF/MR
082	Format for Copy B&W Text	*CTL	[0 to 3 / **1** / 1/step] 0: JFIF/JPEG 1: TIFF/MMR 2: TIFF/MH 3: TIFF/MR
083	Format for Copy B&W Other	*CTL	[0 to 3 / **1** / 1/step] 0: JFIF/JPEG 1: TIFF/MMR 2: TIFF/MH 3: TIFF/MR
084	Format for Printer Color	*CTL	[0 / **0** / 1/step]
085	Format for Printer B&W	*CTL	[0 to 3 / **1** / 1/step] 0: JFIF/JPEG 1: TIFF/MMR 2: TIFF/MH 3: TIFF/MR

091	Default for JPEG	*CTL	[5 to 95 / **50** / 1/step]
	Sets the JPEG format default for documents sent to the document management server via the MLB with JPEG selected as the format. Enabled only when optional MLB (Media Link Board) is installed.		
101	Primary srv IP address	*CTL	[000.000.000.000 to 255.255.255.255 / - / 1/step]
	Sets the IP address for the primary capture server. This is basically adjusted by the remote system.		
102	Primary srv scheme	*CTL	[0 to 6 char / **NULL** / -/step]
	This is basically adjusted by the remote system.		
103	Primary srv port number	*CTL	[1 to 65535 / **80** / 1/step]
	This is basically adjusted by the remote system.		
104	Primary srv URL path	*CTL	[0 to 16 char / - / 1/step]
	This is basically adjusted by the remote system.		
111	Secondary srv IP address	*CTL	[000.000.000.000 to 255.255.255.255 / - / 1/step]
	Sets the IP address for the secondary capture server. This is basically adjusted by the remote system.		
112	Secondary srv scheme	*CTL	[0 to 6 char / **NULL** / -/step]
	This is basically adjusted by the remote system.		
113	Secondary srv port number	*CTL	[1 to 65535 / **80** / 1/step]
	This is basically adjusted by the remote system.		
114	Secondary srv URL path	*CTL	[0 to 16 char / - / 1/step]
	This is basically adjusted by the remote system.		
120	Default Reso Rate Switch	*CTL	[0 or 1 / **0** / 1/step]
	This is basically adjusted by the remote system.		

121	Reso Copy(Color)	*CTL	[0 to 255 / **2** / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	This is basically adjusted by the remote system.		
122	Reso: Copy(Mono)	*CTL	[0 to 255 / **3** / 1/step] 0: 600dpi/ 1: 400dpi/ 2: 300dpi/ 3: 200dpi/ 4: 150dpi/ 5: 100dpi/ 6: 75dpi
	This is basically adjusted by the remote system.		
123	Reso Print(Color)	*CTL	[0 to 255 / **2** / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	-		

2

124	Reso: Print(Mono)	*CTL	[0 to 255 / **3** / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	Selects the resolution for BW print mode. This is basically adjusted by the remote system.		
126	Reso: Fax(Mono)	*CTL	[0 to 255 / **3** / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	Selects the resolution for BW fax mode. This is basically adjusted by the remote system.		
127	Reso: Scanner(Color)	*CTL	[0 to 255 / **4** / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	Selects the resolution for color scanning mode. This is basically adjusted by the remote system.		

128	Reso: Scanner(Mono)	*CTL	[0 to 255 / **3** / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	Selects the resolution for BW scanning mode. This is basically adjusted by the remote system.		
141	All Addr Info Switch	*CTL	[0 or 1 / **1** / 1/step]
	-		
142	Stand-by Doc Max Number	*CTL	[10 to 10000 / **2000** / 1/step]

5840	[IEEE 802.11]		
006	Channel Max	*CTL	[1 to 11 or 13 / **11 or 13** / 1 /step] Europe/Asia: 1 to 13 NA/ Asia: 1 to 11
	Sets the maximum number of channels available for data transmission via the wireless LAN. The number of channels available varies according to location. The default settings are set for the maximum end of the range for each area. Adjust the upper 4 bits to set the maximum number of channels. **DFU** ⬇**Note** • Do not change the setting.		

2

007	Channel Min	*CTL	[1 to 11 or 13 / **1** / 1/step] Europe: 1 to 13 NA/ Asia: 1 to 11
	Sets the minimum number of channels available for data transmission via the wireless LAN. The number of channels available varies according to location. The default settings are set for the minimum end of the range for each area. Adjust the lower 4 bits to set the minimum number of channels. **DFU** ⬇ **Note** • Do not change the setting.		
011	WEP key Select	*CTL	[00 to 11 / **00** / 1binary/step] 00: Key #1 01: Key #2 (Reserved) 10: Key #3 (Reserved) 11: Key #4 (Reserved)
	Selects the WEP key.		
045	WPA Debug Lvl	*CTL	[1 to 3 / **3** / 1/step] 1: Info 2: wArning 3: error
	Selects the debug level for WPA authentication application. This SP is displayed only when the IEEE802.11 card is installed.		

5841	[Supply Name Setting]		
001	Toner Name Setting:Black	*CTL	Specifies supply names. These appear on the screen when the user presses the Inquiry button in the user tools screen. [0 to 20 / **NULL** / 1byte/step]
002	Toner Name Setting:Cyan	*CTL	
003	Toner Name Setting:Yellow	*CTL	
004	Toner Name Setting:Magenta	*CTL	
007	OrgStamp	*CTL	

011	Staple Std1	*CTL	Specifies supply names. These appear on the screen when the user presses the Inquiry button in the user tools screen. [0 to 20 / **NULL** / 1byte/step]
012	Staple Std2	*CTL	
013	Staple Std3	*CTL	
014	Staple Std4	*CTL	
021	Staple Bind 1	*CTL	
022	Staple Bind 2	*CTL	Specifies supply names. These appear on the screen when the user presses the Inquiry button in the user tools screen. [0 to 20 / **NULL** / 1byte/step]
023	Staple Bind 3	*CTL	

5842	[GWWS Analysis]		
001	Setting 1	*CTL	[8bit assign / **00000000** / bit switch] 0bit[LSB]: system, other group 1bit: capture related group 2bit: authentication related group 3bit: address book related group 4bit: device management related group 5bit: output related(print, FAX, and delivery) group 6bit: repository, F0,etc. document related group 7bit: debug log level suppression
	Default: **00000000** – do not change Netfiles: Jobs to be printed from the document server using a PC and the DeskTopBinder software		

002	Setting 2	*CTL	[8bit assign / **00000000** / bit switch] 0~6bit: unused 7bit: time stamp setting for 5682mmesg log. (1: min./sec/msec, 0: day/hour/ min./sec)
	Optional settings for debug output mode for each NFA process.		

5844	[USB]		
001	Transfer Rate	*CTL	[- / **0x04** / -] 0x01: Full speed 0x04: Auto Change
	Adjusts the USB transfer rate.		
002	Vendor ID	*CTL	[- / **-** / -]
	Displays the vendor ID. **DFU**		
003	Product ID	*CTL	[- / **-** / -]
	Displays the product ID. **DFU**		
004	Device Release Number	*CTL	[- / **-** / -]
	Displays the development release version number. **DFU**		

5845	[Delivery Server Setting]		
	Provides items for delivery server settings.		
001	FTP Port No.	*CTL	[0 to 65535 / **3670** / 1/step]
	Sets the FTP port number used when image files to the Scan Router Server.		
002	IP Address (Primary)	*CTL	[000.000.000.000 to 255.255.255.255 / **000.000.000.000** / -/step]
	Use this SP to set the Scan Router Server address. The IP address under the transfer tab can be referenced by the initial system setting.		

006	Delivery Error Display Time	*CTL	[0 to 999 / **300** / 1 second /step]
	Use this setting to determine the length of time the prompt message is displayed when a test error occurs during document transfer with the NetFile application and an external device.		
008	IP Address (Secondary)	*CTL	[000.000.000.000 to 255.255.255.255 / **000.000.000.000** / -/step]
	Specifies the IP address assigned to the computer designated to function as the secondary delivery server of Scan Router. This SP allows only the setting of the IP address without reference to the DNS setting.		
009	Delivery Server Model	*CTL	[0 to 4 / **0** / 1 /step] 0: Unknown 1: SG1 Provided 2: SG1 Package 3: SG2 Provided 4: SG2 Package
	Allows changing the model of the delivery server registered by the I/O device.		

010	Delivery Svr. Capability		*CTL	[0 to 255 / **-** / 1/step]
	Bit7	1 Comment information exits		
	Bit6	1 Direct specification of mail address possible		
	Bit5	1 Mail RX confirmation setting possible		
	Bit4	1 Address book automatic update function exists		
	Bit3	1 Fax RX delivery function exists		
	Bit2	1 Sender password function exists		
	Bit1	1 Function to link MK-1 user and Sender exists		
	Bit0	1 Sender specification required (if set to 1, Bit6 is set to "0")		
	Changes the capability of the registered that the I/O device registered.			

2

011	Delivery Svr Capability (Ext)	*CTL	[0 to 255 / - / 1 /step]
	Changes the capability of the registered that the I/O device registered.		
	Bit7 = 1 Address book usage limitation (Limitation for each authorized user) Bit6 = 1 RDH authorization link Bit5 to 0: Not used		
013	Server Scheme (Primary)	*CTL	[Up to 6 char / - / -/step]
	This SP is used for the scan router program.		
014	Server Port Number (Primary)	*CTL	[- / - / -/step]
	This is used for the scan router program.		
015	Server URL Path (Primary)	*CTL	[- / - / -/step]
	This is used for the scan router program.		
016	Server Scheme (Secondary)	*CTL	[Up to 6 char / - / -/step]
	This SP is used for the scan router program.		
017	Server Port Number (Secondary)	*CTL	[1 to 65535 / 80 / 1/step]
	This SP is used for the scan router program.		
018	Server URL Path (Secondary)	*CTL	[Up to 16 byte / - / -/step]
	This SP is used for the scan router program.		
022	Rapid Sending Control	*CTL	[0 or 1 / 1 / -/step] 0: Control disabled 1: Control enabled
	Enables or disables the prevention function for the continuous data sending error.		

5846	[UCS Setting]		
001	Machine ID (for Delivery Server)	*CTL	[- / - / -]
	Displays the unique device ID in use by the delivery server directory. The value is only displayed and cannot be changed. This ID is created from the NIC MAC or IEEE 1394 EUI. The ID is displayed as either 6-byte or 8-byte binary.		

002	Machine ID Clear(for Delivery Server)	*CTL	[- / - / -] [Execute]
	Clears the unique ID of the device used as the name in the file transfer directory. Execute this SP if the connection of the device to the delivery server is unstable. After clearing the ID, the ID will be established again automatically by cycling the machine off and on.		
003	Maximum Entries	*CTL	[2000 to 20000 / **2000** / 1/step]
	Changes the maximum number of entries that UCS can handle. If a value smaller than the present value is set, the UCS managed data is cleared, and the data (excluding user code information) is displayed.		
006	Delivery Server Retry Timer	*CTL	[0 to 255 / **0** / 1/step]
	Sets the interval for retry attempts when the delivery server fails to acquire the delivery server address book.		
007	Delivery Server Retry Times	*CTL	[0 to 255 / **0** / 1/step]
	Sets the number of retry attempts when the delivery server fails to acquire the delivery server address book.		
008	Delivery Server Maximum Entries	*CTL	[2000 to 20000 / **2000** / 1/step]
	Sets the maximum number account entries of the delivery server user information managed by UCS.		
010	LDAP Search Timeout	*CTL	[1 to 255 / **60** / 1/step]
	Sets the length of the timeout for the search of the LDAP server.		
020	WSD Maximum Entries	*CTL	[50 to 250 / **250** / 1/step]
	Sets the maximum entries for the address book of the WSD (WS-scanner).		
021	Folder Auth Change	*CTL	[0 or 1 / **0** / 1/step] 0: Login User, 1: Destination
040	Addr Book Migration(USB->HDD)	*CTL	[- / - / -] [Execute]

2

041	Fill Addr Acl Info	*CTL	[- / - / -] [Execute]
	This SP must be executed immediately after installation of an HDD unit in a basic machine that previously had no HDD. The first time the machine is powered on with the new HDD installed, the system automatically takes the address book from the NVRAM and writes it onto the new HDD. However, the new address book on the HDD can be accessed only by the system administrator at this stage. Executing this SP by the service technician immediately after power on grants full address book access to all users. **Procedure** 1. Turn the machine off. 2. Install the new HDD. 3. Turn the machine on. 4. The address book and its initial data are created on the HDD automatically. 5. However, at this point the address book can be accessed by only the system administrator or key operator. 6. Enter the SP mode and do SP5846-041. After this SP executes successfully, any user can access the address book.		
043	Addr Book Media	*CTL	[0 to 30 / **0** /1/step] 0: Unconfirmed 1: SD Slot 1 2: SD Slot 2 3: SD Slot 3 4: USB Flash ROM 10: SD Slot 10 20: HDD 30: Nothing
	Displays the slot number where an address book data is in.		
047	Initialize Local Address Book	CTL	[- / - / -] [Execute]
	Clears the local address book information, including the user code.		

048	Initialize Delivery Addr Book	CTL	[- / - / -] [Execute]
	Clears the distribution address book information, except the user code.		
049	Initialize LDAP Addr Book	CTL	[- / - / -] [Execute]
	Clears the LDAP address book information, except the user code.		
050	Initialize All Addr Book	CTL	[- / - / -] [Execute]
	Clears all directory information managed by UCS, including all user codes.		
051	Backup All Addr Book	CTL	[- / - / -] [Execute]
	Uploads all directory information to the SD card.		
052	Restore All Addr Book	CTL	[- / - / -] [Execute]
	Downloads all directory information from the SD card.		
053	Clear Backup Info	CTL	[- / - / -] [Execute]
	Deletes the address book data from the SD card in the service slot. Deletes only the files that were uploaded from this machine. This feature does not work if the card is write-protected. ⬇Note • After you do this SP, go out of the SP mode, and then turn the power off. Do not remove the SD card until the Power LED stops flashing.		

060	Search Option	*CTL	[0x00 to 0xff / **0x0f**/ 1/step]
	This SP uses bit switches to set up the fuzzy search options for the UCS local address book. Bit: Meaning 0: Checks both upper/lower case characters 1: Japan Only 2: Japan Only 3: Japan Only 4 to 7: Not Used		
062	Complexity Option 1	*CTL	[0 to 32 / **0** / 1/step]
	Use this SP to set the conditions for password entry to access the local address book. Specifically, this SP limits the password entry to **upper case** and sets the length of the password. **Note** • This SP does not normally require adjustment. • This SP is enabled only after the system administrator has set up a group password policy to control access to the address book.		
063	Complexity Option 2	*CTL	[0 to 32 / **0** / 1/step]
	Use this SP to set the conditions for password entry to access the local address book. Specifically, this SP limits the password entry to lower case and defines the length of the password.		
064	Complexity Option 3	*CTL	[0 to 32 / **0** / 1/step]
	Use this SP to set the conditions for password entry to access the local address book. Specifically, this SP limits the password entry to numbers and defines the length of the password.		
065	Complexity Option 4	*CTL	[0 to 32 / **0** / 1/step]
	Use this SP to set the conditions for password entry to access the local address book. Specifically, this SP limits the password entry to symbols and defines the length of the password.		
091	FTP Auth Port Setting	*CTL	[0 to 65535 / **3671** / 1/step]
	Specifies the FTP port for getting a distribution server address book that is used in the identification mode.		

094	Encryption Stat	*CTL	[0 to 255 / - / 1/step]
	Shows the status of the encryption function for the address book data.		

5847	[Rep Resolution Reduction]		
	SP5847-1 through SP5847-8 changes the default settings of image data transferred externally by the Net File page reference function. SP5847-21 sets the default for JPEG image quality of image files handled by NetFile. "Net files" are jobs to be printed from the document server using a PC and the DeskTopBinder software.		
001	Rate for Copy Color	*CTL	[0 to 5 / **0** / 1 /step]
002	Rate for Copy B&W Text	*CTL	0: 1x
003	Rate for Copy B&W Other	*CTL	1: 1/2x 2: 1/3x
004	Rate for Printer Color	*CTL	3: 1/4x
005	Rate for Printer B&W	*CTL	4: 1/6x 5: 1/8x
006	Rate for Printer Color 1200dpi	*CTL	[0 to 5 / **4** / 1 /step] 0: 1x 1: 1/2x 2: 1/3x 3: 1/4x 4: 1/6x 5: 1/8x
007	Rate for Printer B&W 1200dpi	*CTL	[0 to 5 / **1** / 1 /step] 0: 1x 1: 1/2x 2: 1/3x 3: 1/4x 4: 1/6x 5: 1/8x

021	Network Quality Default for JPEG	*CTL	[5 to 95 / **50** / 1 /step]
	Sets the default value for the quality of JPEG images sent as NetFile pages. This function is available only with the MLB (Media Link Board) option installed.		

5848	[Web Service: Access Cnt]		
	5848 2 sets the 4-bit switch assignment for the access control setting. Setting of 0001 has no effect on access and delivery from Scan Router. 5848 100 sets the maximum size allowed for downloaded images. The default is equal to 1 gigabyte.		
002	Access Ctrl: Repository (only Lower 4 bits)	*CTL	[- / - / -] 0000: No access control 0001: Denies access to DeskTop Binder. 0010: No writing control
003	Access Control: Doc. Svr. Print (Lower 4 bits)	*CTL	[- / - / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
004	Access Control: udirectory (Lower 4 bits)	*CTL	[- / - / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
007	Access Ctrl: Comm. Log Fax (Lower 4 bits)	*CTL	[- / - / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		

009	Access Ctrl: Job Ctrl (Lower 4 bits)	*CTL	[- / - / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
011	Access Ctrl: Devicemanagement (Lower 4bits)	*CTL	[- / - / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
021	Access Ctrl: Delivery (Lower 4 bits)	*CTL	[- / - / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
022	Access Ctrl: uadministration (Lower 4bits)	*CTL	[- / - / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
024	Access Ctrl: Log Service (Lower 4bits)	*CTL	[- / - / -] 0000: No access control 0001: Denies access to DeskTop Binder.
099	Repository: Download Image Setting	*CTL	**DFU**
100	Repository: Download Image Max. Size	*CTL	[1 to 2048 / **2048** / 1 MB /step]
217	Setting: Timing	*CTL	NIA

5849	[Installation Date]

001	Display	*CTL	[- / - / -]
002	Switch to Print	*CTL	[0 or 1 / 1 / 1 /step] 0: OFF (No Print) 1: ON (Print)
003	Setup Count	*CTL	[0 to 99999999 / 0 / 1/step]

5850	[Address Book Function]		
003	Replacement of Circuit Classifications	*CTL	[0 to 13 / 1 / 1/step] 1: G3 2: EXT 3: G3-1 4: G3-1- EXT 5: G3-2 6: G3-2- EXT 7: G3-3 8: G3-3-EXT 9: G3-idle-EXT 10: idle-EXT 11: I-G3 12: I-G3-EXT 13: G4

5851	[Bluetooth]		
001	mode	*CTL	[0 or 1 / 0 / 1/step]
	Sets the operation mode for the Bluetooth Unit. Press either key.		

5853	**[Stamp Date Download]**
	Push [Execute] to download the fixed stamp data from the machine ROM onto the hard disk. Then these stamps can be used by the system. If this is not done, the user will not have access to the fixed stamps ("Confidential", "Secret", etc.). You must always execute this SP after replacing the HDD or after formatting the HDD. Always switch the machine off and on after executing this SP.

001	-		CTL	[- / - / -]

5856	**[Remote ROM Update]**			
	Allows the technician to upgrade the firmware using a local port (IEEE1284) when updating the remote ROM.			
002	Local Port		*CTL	[0 or 1 / **0** / 1/step] 0: Disable 1: Enable

5857	**[Debug Log Save]**			
	Do not use this SP to capture debug logs. Use the captured log function instead of this SP.			
001	Save Debug Log		*CTL	[0 to 2 / **0** / 1/Step]
	Enables log trace function or debug log saving function. The debug log cannot be captured until this feature is switched on. • 0: Enables log trace function • 1: Enables debug log saving function • 2: OFF 🔽 **Note** • If "0" is selected, it disables the settings of SP5857-002 to 013 and gives executing failure. If "1" is selected, it disables ordinarily saving function; however, SP5857-101 to 112 are able to execute.			
002	Target (2:HDD 3:SD)		*CTL	[1 to 3 / **2** / 1/step] 1:IC Card 2: HDD 3: SD Card
	Sets the storage location for the debug log.			

005	Save to HDD	*CTL	[-999999 to 9999999 / - / 1/step]
	Saves the debug log of the input SC number in memory to the HDD. A unique file name is generated to avoid overwriting existing file names on the SD Card. Up to 4MB can be copied to an SD Card. 4 MB segments can be copied one by one to each SD Card.		
006	Save to SD Card	*CTL	[-999999 to 9999999 / - / 1/step]
	Saves the debug log of the input SC number in memory to the SD card.		
009	Copy HDD to SD Card (Latest 4MB)	*CTL	[- / - / -] [Execute]
	Takes the most recent 4 MB of the log written to the hard disk and copies them to the SD Card. A unique file name is generated to avoid overwriting existing file names on the SD Card. Up to 4MB can be copied to an SD Card. 4 MB segments can be copied one by one to each SD Card.		
010	Copy HDD to SD Card (Latest 4MB Any Key)	*CTL	[- / - / -] [Execute]
	Takes the log of the specified key from the log on the hard disk and copies it to the SD Card. A unique file name is generated to avoid overwriting existing file names on the SD Card. Up to 4 MB can be copied to an SD Card. 4 MB segments can be copied one by one to each SD Card. This SP does not execute if there is no log on the HDD with no key specified.		
011	Erase HDD Debug Data	*CTL	[- / - / -] [Execute]
	Erases all debug logs on the HDD		
012	Erase SD Card Debug Data	*CTL	[- / - / -] [Execute]
	Erases all debug logs on the SD Card. If the card contains only debugging files generated by an event specified by SP5858, the files are erased when SP5857 010 or 011 is executed. To enable this SP, the machine must be cycled off and on.		

013	Free Space on SD Card	*CTL	[- / - / -] [Execute]
	Displays the amount of space available on the SD card.		
014	Copy SD to SD (Latest 4MB)	*CTL	[- / - / -] [Execute]
	Copies the most recent 4 MB of the debug log from an SD card to a different SD card.		
015	Copy SD to SD (Latest 4MB Any Key)	*CTL	[- / - / -] [Execute]
	This SP copies the log on an SD card (the file that contains the information written directly from shared memory) to a log specified by key number.		
016	Make HDD Debug	*CTL	[- / - / -] [Execute]
	This SP creates a 32 MB file to store a log on the HDD.		
017	Make SD Debug	*CTL	[- / - / -] [Execute]
	This SP creates a 4 MB file to store a log on an SD card.		
101	Debug Logging Start Date	*CTL	[- / **20120101** / 1/step]
	Sets start date of the debug log output.		
102	Debug Logging End Date	*CTL	[- / **20371212** / 1/step]
	Sets end date of the debug log output.		
103	Acquire All Debug Logs	*CTL	[- / - / -] [Execute]
	Obtains all debug logs.		
104	Acquire Only Controller Debug	*CTL	[- / - / -] [Execute]
	Obtains controller debug log only.		

105	Acquire Only Engine Debug Logs	*CTL	[- / - / -] [Execute]
	Obtains engine debug log only.		
106	Acquire Only Snapshot Debug Logs	*CTL	[- / - / -] [Execute]
	Obtains snapshot debug log only.		
107	Acquire Only Opepanel Debug Logs	*CTL	[- / - / -] [Execute]
	Outputs the controller debug log to the media inserted front I/F.		

5858	**[Debug Log Save: SC]**		
	These SPs select the content of the debugging information to be saved to the destination selected by SP5857-002. SP5858-3 stores one SC specified by number. Refer to Section 4 for a list of SC error codes.		
001	Engine SC Error (0: OFF, 1: ON)	*CTL	[0 or 1 / **0** / 1/ step] 0: OFF 1: ON
	Turns on/off the debug save for SC codes generated by copier engine errors.		
002	Controller SC Error (0: OFF, 1: ON)	*CTL	[0 or 1 / **0** / 1/ step] 0: OFF 1: ON
	Turns on/off the debug save for SC codes generated by GW controller errors.		
003	Any SC Error	*CTL	[0 to 65535 / **0** / 1 /step]
	Sets the SC code whose logs are collected.		
004	Jam(0: OFF 1: ON)	*CTL	[0 or 1 / **0** / 1/ step] 0: OFF 1: ON
	Turns on/off the debug save for jam errors.		

5859	[Debug Log SaveKey]		
	These SPs allow you to set up to 10 keys for log files for functions that use common memory on the controller board.		
001	Key 1	*CTL	
002	Key 2	*CTL	
003	Key 3	*CTL	
004	Key 4	*CTL	
005	Key 5	*CTL	[−9999999 to 9999999 / **0** / 1 / step]
006	Key 6	*CTL	
007	Key 7	*CTL	
008	Key 8	*CTL	
009	Key 9	*CTL	
010	Key 10	*CTL	

5860	[SMTP/POP3/IMAP4]		
020	Partial Mail Receive Timeout	*CTL	[1 to 168 / **72** / 1 hour/step]
	Sets the amount of time to wait before saving a mail that breaks up during reception. The received mail is discarded if the remaining portion of the mail is not received during this prescribed time.		
021	MDN Response RFC2298 Compliance	*CTL	[0 or 1 / **1** / 1/step] 0: No 1: Yes
	Determines whether RFC2.5298 compliance is switched on for MDN reply mail.		
022	SMTP Auth. From Field Replacement	*CTL	[0 to 1 / **0** / 1/step] 0: No. "From" item not switched. 1: Yes. "From item switched.
	Determines whether the FROM item of the mail header is switched to the validated account after the SMTP server is validated.		

025	SMTP Auth. Direct Setting	*CTL	[0 to 255 / **0** / - /step]
	Selects the authentication method for SMPT. Bit switch: Bit 0: LOGIN Bit 1: PLAIN Bit 2: CRAM MD5 Bit 3: DIGEST MD5 Bit 4 to 7: Not used ⬇Note • This SP is activated only when SMTP authorization is enabled by UP mode.		
026	S/MIME: MIME Header	*CTL	[0 to 2 / **0** / 1 /step] 0: Microsoft Outlook Express standard 1: Internet Draft standard 2: RFC standard
	Selects the MIME header type of an E-mail sent by S/MIME.		
028	S/MIME: Authentication Check	*CTL	[0 to 1 / **0** / 1/step] 0: No (not check) 1: Yes (check)
	Specifys whether to check destination certificate when sending S/MIME mail.		

5866	**[Email Report]**		
001	Report Validity	CTL	[0 or 1 / **0** / 1/step] 0: Enabled 1: Disabled
005	Add Date Field	CTL	[0 or 1 / **0** / 1/step] 0: Enabled 1: Disabled

5870	**[Common Key Info Writing]**		

001	Writing	CTL	[- / - / -] [Execute]
	Writes the authentication data (used for NRS) in the memory.		
003	Initialize	CTL	[- / - / -] [Execute]
	Initializes the authentication data in the memory.		
004	Writing: 2048bit	CTL	[- / - / -] [Execute]
	Writes the authentication data 2048bit (used for NRS) in the memory.		

5873	[SD Card Appli Move]		
001	Move Exec	CTL	[- / - / -] [Execute]
	This SP copies the application programs from the original SD card in SD card slot 2 to an SD card in SD card slot 1.		
002	Undo Exec	CTL	[- / - / -] [Execute]
	This SP copies back the application programs from an SD card in SD Card Slot 2 to the original SD card in SD card slot 1. Use this menu when you have mistakenly copied some programs by using "Move Exec" (SP5873-1).		

5875	[SC Auto Reboot]		
	-		
001	Reboot Setting	* CTL	[0 or 1 / **0** / 1/step]
002	Reboot Type	*CTL	[0 or 1 / **0** / 1/step] 0: Manual reboot 1: Automatic reboot

5878	[Option Setup]

001	Data Overwrite Security	CTL	[- / **-** / -] [Execute]
	Enables the Data Overwrite Security unit. Press "Execute" on the operation panel. Then turn the machine off and on.		
002	Data Overwrite Security	CTL	[- / **-** / -] [Execute]
	Executes the setup for encryption.		
004	OCR Dictionary	CTL	[- / **-** / -] [Execute]
	-		

5881	[Fixed Phrase Block Erasing]		
001	-	CTL	[- / **-** / -]
	Delets the fixed pharase		

5885	[Set WIM Function] Web Image Monitor Settings		
020	DocSvr Acc Ctrl	*CTL	[0 or 1 / **0** / 1/step] 0: OFF 1: ON Bit Meaning 0: Forbid all document server access (1) 1: Forbid user mode access (1) 2: Forbid print function (1) 3: Forbid fax TX (1) 4: Forbid scan sending (1) 5: Forbid downloading (1) 6: Forbid delete (1) 7: Reserved

050	DocSvr Format	*CTL	[0 to 2 / **0** / 1/step] 0: Thumbnail, 1: Icon, 2: Details
	Selects the display type for the document box list.		
051	DocSvr Trans	*CTL	[5 to 20 / **10** / 1/step]
	Sets the number of documents to be displayed in the document box list.		
100	Set Signature	*CTL	[0 to 2 / **0** / 1/step] 0: Setting for each e-mail 1: Signature for all 2: No signature
	Selects whether the signature is added to the scanned documents with the WIM when they are transmitted by an e-mail.		
101	Set Encrypsion	*CTL	[0 to 1 / **0** / 1] 0: Not encrypted 1: Encryption
	Determines whether the scanned documents with the WIM are encrypted when they are transmitted by an e-mail.		
200	Detect Mem Leak	*CTL	Not Used
201	DocSvr Timeout	*CTL	

5887	**[SD GetCounter]** This SP sends a text file to an SD card inserted in SD card Slot 2 (lower slot). The operation stores. The file is stored in a folder created in the root directory of the SD card called SD_COUNTER. The file is saved as a text file (*.txt) prefixed with the number of the machine. 1. Insert the SD card in SD card Slot 2 (lower slot). 2. Select SP5887 then touch [Execute]. Touch [Execute] in the message when you are prompted. ⬇ **Note** • "SD_COUNTER" folder must be created under the root directory of the SC card before this SP is executed.

001	SD GetCounter	CTL	[- / - / -] [Execute]

5888	[Personal Information Protect]		
001	Personal Information Protect	*CTL	[0 or 1 / 0 / 1/step]
	Selects the protection level for logs. 0: No authentication, No protection for logs 1: No authentication, Protected logs (only an administrator can see the logs)		

5893	[SDK Apli Cnt Name]		
001	SDK-1	CTL	[- / - / -] [Display text]
002	SDK-2	CTL	[- / - / -] [Display text]
003	SDK-3	CTL	[- / - / -] [Display text]
004	SDK-4	CTL	[- / - / -] [Display text]
005	SDK-5	CTL	[- / - / -] [Display text]
006	SDK-6	CTL	[- / - / -] [Display text]

5894	[External Counter Setting]		
	Test Name1_1		
001	Switch Charge Mode	CTL	[0 to 2 / 0 / 1/step]

5895	[Application invalidation]		
	-		

001	Printer	CTL	[- / - / -]
002	Scanner	CTL	[- / - / -]

5900	**[Engine Log Upload]**		
001	Pattern	*ENG	[0 to 4 / **0** / 1/step]
	Specifies target module group for engine log up load.		
002	Trigger	*ENG	[0 to 3 / **0** / 1/step]
	Specifies target trigger group for engine log up load.		

5907	**[Plug & Play Maker/Model Name]**		
001	Plug & Play Maker/Model/Name	*CTL	[- / - / -]
	Selects the brand name and the production name for Windows Plug & Play. This information is stored in the NVRAM. If the NVRAM is defective, these names should be registered again.		
	After selecting, press the "Original Type" key and "#" key at the same time. When the setting is completed, the beeper sounds five times.		

5913	**[Switchover Permission Time]**		
	-		
002	Print Application	*CTL	[3 to 30, immediate / **3** / 1sec/step]

5919	**[State of Encryption]**		
	-		
001	-	*CTL	[0 or 1 / **0** / 1/step] 0: OFF (Not working) 1: ON (Working)

	[Copy Server: Set Function]		
5967	Enables and disables the document server. This is a security measure that prevents image data from being left in the temporary area of the HDD. After changing this setting, you must switch the main switch off and on to enable the new setting.		
001	(0: ON 1: OFF)	*CTL	[0 or 1 / **0** / 1/step] 0: ON 1: OFF

5974	[Cherry Server]		
001	(0:Light 1:Full)	CTL	[0 or 1 / **0** / -]
	Switches Light or Full ver.of the cherry application.		

	[Device Setting]		
5985	The NIC and USB support features are built into the GW controller. Use this SP to enable and disable these features. In order to use the NIC and USB functions built into the controller board, these SP codes must be set to "1".		
001	On Board NIC	CTL	[0 to 2 / **0** / 1/step] 0: Disable 1: Enable 2: Function limitation
	Switches Light or Full ver.of the cherry application. When the "Function limitation" is set, "On board NIC" is limited only for the NRS or LDAP/NT authentication. ⬇Note • Other network applications than NRS or LDAP/NT authentication are not available when this SP is set to "2". Even though you can change the initial settings of those network applications, the settings do not work.		
002	On Board USB	CTL	[0 or 1 / **0** / 1/step]
	Switches Light or Full ver.of the cherry application.		

5990	[SP Print Mode]		

001	All (Data List)	CTL	[- / - / -]
002	SP (Mode Data List)	CTL	[- / - / -]
003	User Program	CTL	[- / - / -]
004	Logging Data	CTL	[- / - / -]
005	Diagnostic Report	CTL	[- / - / -]
006	Non-Default	CTL	[- / - / -]
007	NIB Summary	CTL	[- / - / -]
008	Capture Log	CTL	[- / - / -]
021	Copier User Program	CTL	[- / - / -]
022	Scanner SP	CTL	[- / - / -]
023	Scanner User Program	CTL	[- / - / -]
024	SDK/J Summary	CTL	[- / - / -]
025	SDK/J Application Info	CTL	[- / - / -]

5992	**[SP Text mode]**
	Exports the SMC sheet data to the SD Card.
	Press "Execute" key to start exporting the SMC data in the SP mode display.

001	All (Data List)	-	
002	SP (Mode Data List)	-	
003	User Program	-	
004	Logging Data	-	
005	Diagnostic Report	-	
006	Non-Default	-	
007	NIB Summary	-	[- / - / -]
008	Capture Log	-	[Execute]
021	Copier User Program	-	
022	Scanner SP	-	
023	Scanner User Program	-	
024	SDK/J Summary	-	
025	SDK/J Application Info	-	
026	Printer SP mode	-	

5998	[Fusing Warm UP]		
001	Warm Up In Advance ON/OFF	*ENG	[0 or 1 / **1** / 1/step] 1: Silent 0: Fast
	Fusing action when silently starting up ENG_ENABLE. (1: With fusing precede start up, 0:With out fusing precede start up)		

Main SP Tables-6

SP6-XXX (Peripherals)

6006	[ADF Adjustment]		
001	Side-to-Side Regist: Front	*ENG	[-3.0 to 3.0 / **0.0** / 0.1 mm/step]
	Adjusts front side main scan register for ADF.		
002	Side-to-Side Regist: Rear	*ENG	[-3.0 to 3.0 / **0.0** / 0.1 mm/step]
	Adjusts rear side main scan register for ADF.		
003	Leading Edge Registration	*ENG	[-5.0 to 5.0 / **0.0** / 0.1 mm/step]
	Adjusts DFGATE assert timing. • Value increase: Delays DFGATE assert timing. • Value decrease: Delays DFGATE assert timing.		
005	Buckle: Duplex Front	*ENG	[-5.0 to 5.0 / **0.0** / 0.1 mm/step]
	Adjusts front side buckle amount (skew correct amount). • Value increase: increases front side buckle amount. • Value decrease: decreases front side buckle amount.		
006	Buckle: Duplex Rear	*ENG	[-5.0 to 5.0 / **0.0** / 0.1 mm/step]
	Adjusts rear side buckle amount (skew correct amount). • Value increase: increases rear side buckle amount. • Value decrease: decreases rear side buckle amount.		
007	Rear Edge Erase	*ENG	[-10.0 to 10.0 / **0.0** / 0.1 mm/step]
	Adjusts DFGATE negate timing. • Value increase: Delays DFGATE negate timing. • Value decrease: Delays DFGATE negate timing. (Direction for erasing trailing edge of original)		

010	L-Edge Regist (1-Pass): Front	*ENG	[-5.0 to 5.0 / **0.0** / 0.1 mm/step]
	For 1 path simultaneous duplex models only. Adjusts the front side sheet through register. Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value.		
011	L-Edge Regist (1-Pass): Rear	*ENG	[-5.0 to 5.0 / **0.0** / 0.1 mm/step]
	For 1 path simultaneous duplex models only. Adjusts the rear side sheet through register. Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value.		
012	1st Buckle (1-Pass)	*ENG	[-3.0 to 3.0 / **0.0** / 0.1 mm/step]
	For 1 path simultaneous duplex models only. Adjusts pull out roller buckle amount. Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value.		
013	2nd Buckle (1-Pass)	*ENG	[-2.0 to 3.0 / **0.0** / 0.1 mm/step]
	For 1 path simultaneous duplex models only. Adjusts scanning entrance roller buckle amount. Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value.		
014	T-Edge Erase (1-Pass): Front	*ENG	[-5.0 to 5.0 / **-1.5** / 0.1 mm/step]
	For 1 path simultaneous duplex models only. Adjusts the front side trailing edge register. • Value increase: add trailing edge to image. • Value decrease: erases trailing edge of image. Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value. Sets initial setting to -1.5mm instead of 0mm considering originals shadow.		
015	T-Edge Erase (1-Pass): Rear	*ENG	[-5.0 to 5.0 / **-1.5** / 0.1 mm/step]
	For 1 path simultaneous duplex models only. Adjusts the rear side trailing edge register. • Value increase: add trailing edge to image. • Value decrease: erases trailing edge of image. Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value. Sets initial setting to -1.5mm instead of 0mm considering originals shadow.		

6007	[ADF INPUT Check]
	See page 807

6008	[ADF OUTPUT Check]
	See page 836

6009	[ADF FreeRun]		
001	Free Run Simplex Motion	ENG	[0 or 1 / **0** / 1/step]
	Runs simplex free run when setting original to ADF.		
002	Free Run Duplex Motion	ENG	[0 or 1 / **0** / 1/step]
	Runs duplex free run when setting original to ADF.		
003	Free Run Stamp Motion	ENG	[0 or 1 / **0** / 1/step]
	Runs simplex free run (with DONE stamp) when setting original to ADF.		
004	Free Run Simplex Motion(low speed)	ENG	[0 or 1 / **0** / 1/step]
	Runs paper existing simplex free run of ADF in low line speed.		
005	Free Run Simplex Motion(high speed)	ENG	[0 or 1 / **0** / 1/step]
	Runs paper existing simplex free run of ADF in low line speed.		
006	Free Run Duplex Motion(low speed)	ENG	[0 or 1 / **0** / 1/step]
	Runs paper existing duplex free run of ADF in high line speed.		
007	Free Run Duplex Motion(high speed)	ENG	[0 or 1 / **0** / 1/step]
	Runs paper existing duplex free run of ADF in high line speed.		

6010	[Stamp Position Adj.]		
	Adjusts stamping position of DONE stamp. • Value increase: Moves stamping position of DONE stamp towards original trailing edge. • Value decrease: Moves stamping position of DONE stamp towards original leading edge.		
001	-	*ENG	[-5.0 to 5.0 / **0.0** / 0.1 mm/step]

6011	[1-Pass ADF INPUT Check]
	See page 807

6012	[1-Pass ADF OUTPUT Check]
	See page 836

6016	[Original Size Detect Setting]		
	Sets to judge as witch original size for two original sizes that can not be judged with ADF. Size of each bit is different depending on region. Set corresponding bit to "0" when to prior the default size. Set "1" to let the switching size judge.		
001	-	*ENG	[0 to 255 / **0** / 1/step]

6017	[DF Magnification Adj.]		
	Fine-tunes scale error. Changes line speed corresponding to scale rate setting value.		
001	-	*ENG	[-5.0 to 5.0 / **0.0** / 0.1 %/step]

6020	[Skew Correction Moving Setting]		
	With default setting, original buckling (Skew correct 2) to ADF scanning entrance roller is only done for small sizes (B6, A5, HLT). With setting "1", this buckling can be done to all sizes.		
001	-	*ENG	[0 or 1 / **0** / 1/step]

6100	**[Sub-scanPunchPosAdj:2K/3K FIN]**		
	• Adjusts position of carry direction (sub scan direction) for punch. Adjusting value to -: hole position moves toward trailing edge of paper when intaking. • Adjusting value to +: hole position moves toward leading edge of paper when intaking.		
001	JPN/EU: 2-Hole	ENG	
002	NA: 3-Hole	ENG	
003	Europe: 4-Hole	ENG	[-7.5 to 7.5 / **0.0** / 0.5mm/step]
004	NEU: 4-Hole	ENG	
005	NA: 2-Hole	ENG	

6101	**[Main-scanPunchPosAdj:2K/3K FIN]**		
	Adjusts position of width direction (main scan direction) for punch. • Adjusting value to -: hole position moves toward front side of machine. • Adjusting value to +: hole position moves toward rear side of machine.		
001	JPN/EU: 2-Hole	ENG	
002	NA: 3-Hole	ENG	
003	Europe: 4-Hole	ENG	[-2.0 to 2.0 / **0.0** / 0.4mm/step]
004	NEU: 4-Hole	ENG	
005	NA: 2-Hole	ENG	

6102	**[SkewCorrectBuckleAdj:2K/3K FIN]**
	Adjusts the skew correction bending amount when punching specified paper. • Adjusts value to -: buckling amount decreases • Adjusts value to +:buckling amount increases.

001	A3 SEF	ENG	
002	B4 SEF	ENG	[-5.0 to 5.0 / **0.0** / 0.2mm/step]
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	
006	B5 LEF	ENG	
007	A5 LEF	ENG	
008	DLT SEF	ENG	[-5.0 to 5.0 / **0.0** / 0.2mm/step]
009	LG SEF	ENG	
010	LT SEF	ENG	
011	LT LEF	ENG	
012	HLT LEF	ENG	
013	12"x18"	ENG	[-5.0 to 5.0 / **0.0** / 0.2mm/step]
014	8K SEF	ENG	
015	16K SEF	ENG	
016	16K LEF	ENG	
017	Other	ENG	[-5.0 to 5.0 / **0.0** / 0.2mm/step]
	Adjusts the skew correction bending amount when punching except the specified paper. • Adjusts value to -: buckling amount decreases • Adjusts value to +:buckling amount increases.		

6103	**[SkewCorrectCtrlSW:2K/3K FIN]**
	Switches way to control (Still buckling 0: enable / 1: disable) skew correction when punching specified paper.

001	A3 SEF	ENG	
002	B4 SEF	ENG	[0 or 1 / **0** / 1/step]
003	A4 SEF	ENG	0: With Buckle Adj
004	A4 LEF	ENG	1: Without Buckle Adj
005	B5 SEF	ENG	
006	B5 LEF	ENG	
007	A5 LEF	ENG	[0 or 1 / **0** / 1/step]
008	DLT SEF	ENG	0: With Buckle Adj
009	LG SEF	ENG	1: Without Buckle Adj
010	LT SEF	ENG	
011	LT LEF	ENG	
012	HLT LEF	ENG	[0 or 1 / **0** / 1/step]
013	12"x18"	ENG	0: With Buckle Adj
014	8K SEF	ENG	1: Without Buckle Adj
015	16K SEF	ENG	
016	16K LEF	ENG	[0 or 1 / **0** / 1/step]
017	Other	ENG	0: With Buckle Adj 1: Without Buckle Adj

017 Switches way to control (Still buckling 0: enable / 1: disable) skew correction when punching except the specified paper.

6104	**[ShiftTrayJogPosAdj:2K/3K FIN]** Adjusts position for moving direction (main scan direction) of setting unit jogger when sending through specified paper. • Adjusts value to -: move towards setting jogger width is tighter than base value. • Adjusts value to +: move towards setting jogger width is wider than base value. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.

001	A3 SEF	ENG	
002	B4 SEF	ENG	
003	A4 SEF	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
004	A4 LEF	ENG	
005	B5 LEF	ENG	
006	A5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
009	LT SEF	ENG	
010	LT LEF	ENG	
011	HLT LEF	ENG	
012	8K SEF	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
013	16K LEF	ENG	
	Other	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
014	Adjusts position for moving direction (main scan direction) of setting unit jogger when sending through except the specified paper. • Adjusts value to -: move towards setting jogger width is tighter than base value. • Adjusts value to +: move towards setting jogger width is wider than base value. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		

6105	[ShftTJogRtrctAngAdj:2K/3K FIN] Adjusts the setting jogger retract angel when passing through specified paper. • Adjusts value to +: towards up • Adjusts value to -: towards down * Not use: currently, VOLGA-B does not have setting jogger in system configuration.

001	A3 SEF	ENG	
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	DLT SEF	ENG	[-10 to 10 / **0** / 5deg/step]
005	LG SEF	ENG	
006	LT SEF	ENG	
007	8K SEF	ENG	
	Other	ENG	[-10 to 10 / **0** / 5deg/step]
008	Adjusts the setting jogger retract angel when passing through except the specified paper. • Adjusts value to +: towards up • Adjusts value to -: towards down * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		

6106	**[Use Paper Jogger: 2K/3K FIN]**		
	Decides whether to use the setting jogger when passing through specified paper. The setting jogger won't be used when selecting 1. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		
001	A3 SEF	ENG	[0 or 1 / **0** / 1/step] 0: Jogging On 1: Jogging Off
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 LEF	ENG	[0 or 1 / **0** / 1/step] 0: Jogging On 1: Jogging Off
006	A5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	

010	LT LEF	ENG	[0 or 1 / **0** / 1/step]
011	HLT LEF	ENG	0: Jogging On
012	8K SEF	ENG	1: Jogging Off
013	16K LEF	ENG	
014	Other	ENG	[0 or 1 / **0** / 1/step] 0: Jogging On 1: Jogging Off
	Decides whether to use the setting jogger when passing through except the specified paper. The setting jogger won't be used when selecting 1. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		

6107	[JogPosAdj(CrnrStplr):2K/3K FIN]		
	Adjusts width (main scan direction) of edge stitch when running specified paper conformity. • Adjusts value to -: move towards jogger width is tighter than base value. • Adjusts value to +: move towards jogger width is wider than base value.		
001	A3 SEF	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	
011	8K SEF	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
012	16K SEF	ENG	
013	16K LEF	ENG	

	Other	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
014	Adjusts width (main scan direction) of edge stitch jogger when running conformity to except the specified paper. • Adjusts value to -: move towards jogger width is tighter than base value. • Adjusts value to +: move towards jogger width is wider than base value.		

	[JogPosAdj(BookStplr):2K/3K FIN]		
6108	Adjusts width (main scan direction) of saddle stitch when running specified paper conformity. • Adjusts value to -: move towards jogger width is tighter than base value. • Adjusts value to +: move towards jogger width is wider than base value.		
001	A3 SEF	ENG	
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	B5 SEF	ENG	
005	DLT SEF	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
006	LG SEF	ENG	
007	LT SEF	ENG	
008	12"x18"	ENG	
009	8K SEF	ENG	
010	Other	ENG	

	[CrnrStplrJogTimeAdj:2K/3K FIN]		
6109	Adjusts jogging count of edge stitch jogger fence when running specified paper conformity (only last sheet).		
001	A3 SEF	*ENG	
002	B4 SEF	*ENG	[0 to 2 / **0** / 1time/step]
003	A4 SEF	*ENG	
004	A4 LEF	*ENG	

005	B5 SEF	*ENG	
006	B5 LEF	*ENG	[0 to 2 / **0** / 1time/step]
007	DLT SEF	*ENG	
008	LG SEF	*ENG	
009	LT SEF	*ENG	
010	LT LEF	*ENG	
011	8K SEF	*ENG	[0 to 2 / **0** / 1time/step]
012	16K SEF	*ENG	
013	16K LEF	*ENG	
	Other	*ENG	[0 to 2 / **0** / 1time/step]
014	Adjusts jogging count of edge stitch jogger fence running conformity to except the specified paper (only last sheet).		

6110	[BookStplrJogTimeAdj:2K/3K FIN]		
	Adjusts jogging count of saddle stitch jogger fence when running specified paper conformity (only last sheet).		
001	A3 SEF	ENG	[0 to 2 / **0** / 1time/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	B5 SEF	ENG	
005	DLT SEF	ENG	[0 to 2 / **0** / 1time/step]
006	LG SEF	ENG	
007	LT SEF	ENG	
008	12"x18"	ENG	
009	8K SEF	ENG	

010	Other	ENG	[0 to 2 / **0** / 1time/step]
	Adjusts jogging count of saddle stitch jogger fence running conformity to except the specified paper (only last sheet).		

6111	**[Staple Position Adj: 2K/3K FIN]**		
	Adjusts staple position (main scan direction) for 2K / 3K / FIN of specified paper. Adjusting value to -: staple position moves toward front side of machine. Adjusting value to +: staple position moves toward rear side of machine.		
001	A3 SEF	ENG	[-3.5 to 3.5 / **0.0** / 0.5mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	[-3.5 to 3.5 / **0.0** / 0.5mm/step]
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	
011	8K SEF	ENG	[-3.5 to 3.5 / **0.0** / 0.5mm/step]
012	16K SEF	ENG	
013	16K LEF	ENG	
	Other	ENG	[-3.5 to 3.5 / **0.0** / 0.5mm/step]
014	Adjusts staple position (main scan direction) for the near side parallel stitch/ far side parallel stitch / far side oblique stitch of paper except the specified paper. • Adjusting value to -: staple position moves toward front side of machine. • Adjusting value to +: staple position moves toward rear side of machine.		

6112	[BookletStaplerPosAdj:2K/3K FIN]		
	Adjusts saddle stitch staple position (sub scan direction) of specified paper. • Adjusting value to -: staple position moves toward trailing edge of paper when intaking. • Adjusting value to +: staple position moves toward leading edge of paper when intaking.		
001	A3 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
002	B4 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
003	A4 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
004	B5 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
005	DLT SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
006	LG SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
007	LT SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
008	12"x18"	ENG	[-1.8 to 1.8 / **0.0** / 0.2mm/step]
009	8K SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
010	Other	ENG	[-1.8 to 1.8 / **0.0** / 0.2mm/step]
	Adjusts saddle stitch staple position (sub scan direction) of except the specified paper. • Adjusting value to -: staple position moves toward trailing edge of paper when intaking. • Adjusting value to +: staple position moves toward leading edge of paper when intaking.		

6113	[BookletFolderPosAdj:2K/3K FIN]		
	Adjusts saddle stitch folding position (sub scan direction) of specified paper. • Adjusting value to -: folding position moves toward trailing edge of paper when intaking. • Adjusting value to +: folding position moves toward leading edge of paper when intaking.		
001	A3 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
002	B4 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]

003	A4 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]	
004	B5 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]	
005	DLT SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]	
006	LG SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]	
007	LT SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]	
008	12"x18"	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]	
009	8K SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]	
010	Other	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]	
	Adjusts saddle stitch folding position (sub scan direction) of except the specified paper. • Adjusting value to -: folding position moves toward trailing edge of paper when intaking. • Adjusting value to +: folding position moves toward leading edge of paper when intaking.			

6114	**[Fold Speed Adj.: 2K/3K FIN]**			
	Adjusts folding speed (extra folding time) of saddle stitch for specified paper. Adjust value: 0 (Standard) Adjust value: 1 (Middle speed: standard+2.6[sec] Adjust value: 2 (Low speed: standard+5.2[sec])			
001	A3 SEF	ENG	[0 to 2 / **0** / 1/step]	
002	B4 SEF	ENG	[0 to 2 / **0** / 1/step]	
003	A4 SEF	ENG	[0 to 2 / **0** / 1/step]	
004	B5 SEF	ENG	[0 to 2 / **0** / 1/step]	
005	DLT SEF	ENG	[0 to 2 / **0** / 1/step]	
006	LG SEF	ENG	[0 to 2 / **0** / 1/step]	
007	LT SEF	ENG	[0 to 2 / **0** / 1/step]	
008	12"x18"	ENG	[0 to 2 / **0** / 1/step]	
009	8K SEF	ENG	[0 to 2 / **0** / 1/step]	

	Other	ENG	[0 to 2 / **0** / 1/step]
010	Adjusts folding speed (extra folding time) of saddle stitch for except the specified paper. Adjust value: 0 (Standard) Adjust value: 1 (Middle speed: standard+2.6[sec] Adjust value: 2 (Low speed: standard+5.2[sec])		

6115	[Finisher Free Run: 2K/3K FIN]		
001	Free Run 1	ENG	[0 or 1 / **0** / 1/step]
	Execute shift mode no paper free run.		
002	Free Run 2	ENG	[0 or 1 / **0** / 1/step]
	Execute edge stitch staple mode no paper free run.		
003	Free Run 3	ENG	[0 or 1 / **0** / 1/step]
	Execute saddle stitch staple mode no paper free run.		
004	Free Run 4	ENG	[0 or 1 / **0** / 1/step]
	Do not use with VOLGA-B.		

6116	[CrnrStplrMxPrstkShAdj:2K/3KFIN]		
	Adjusts max pre-stack sheets count when edge stitching specified paper. Adjust value: 0; 1sheet pre-stack (standard) Adjust value: -1; No pre-stack		
001	A3 SEF	ENG	
002	B4 SEF	ENG	[-1 to 0 / **0** / 1sheet/step]
003	A4 SEF	ENG	
004	A4 LEF	ENG	

005	B5 SEF	ENG	[-1 to 0 / **0** / 1sheet/step]
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	
011	8K SEF	ENG	[-1 to 0 / **0** / 1sheet/step]
012	16K SEF	ENG	
013	16K LEF	ENG	
014	Other	ENG	[-1 to 0 / **0** / 1sheet/step]
	Adjusts max pre-stock sheets count when edge stitching except the specified paper. Adjust value: 0; 1sheet pre-stack (standard) Adjust value: -1; No pre-stack.		

6117	**[BookStplrMxPrstkShAdj:2K/3KFIN]**		
	Adjusts max. pre-stock sheets count when saddle stitching specified paper. Adjust value: 0; 3 sheets pre-stack (standard) Adjust value: -1; 2 sheets pre-stack Adjust value: -2; 1 sheet pre-stack Adjust value: -3 to -7; no pre-stack.		
001	A3 SEF	ENG	[-7 to 0 / **0** / 1sheet/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	B5 SEF	ENG	

005	DLT SEF	ENG	[-7 to 0 / **0** / 1sheet/step]
006	LG SEF	ENG	
007	LT SEF	ENG	
008	12"x18"	ENG	
009	8K SEF	ENG	
010	Other	ENG	[-7 to 0 / **0** / 1sheet/step]
	Adjusts max pre-stock sheets count when saddle stitching except the specified paper. Adjust value: 0; 3 sheets pre-stack (standard) Adjust value: -1; 2 sheets pre-stack Adjust value: -2; 1 sheet pre-stack, Adjust value: -3 to -7; no pre-stack.		

6118	[CrnrStplrPrstkOffsAdj:2K/3KFIN]		
	Adjusts pre-stack offset amount (sub scan direction shearing amount of 1st and 2nd sheet) when edge stitching specified paper. Default offset is 20mm, when adjusting value to +, offset amount enlarges, when adjusting value to -, reduces.		
001	A3 SEF	ENG	[-16 to 16 / **0** / 2mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	[-16 to 16 / **0** / 2mm/step]
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	

2

011	8K SEF	ENG	[-16 to 16 / **0** / 2mm/step]
012	16K SEF	ENG	
013	16K LEF	ENG	
	Other	ENG	[-16 to 16 / **0** / 2mm/step]
014	Adjusts pre-stack offset amount (sub scan direction shearing amount of 1st and 2nd sheet) when edge stitching except the specified paper. Default offset is 20mm, when adjusting value to +, offset amount enlarges, when adjusting value to -, reduces.		

6119	[BookStplrPrstkOffsAdj:2K/3KFIN]		
	Adjusts pre-stack offset amount (sub scan direction shearing amount of 1st and 2nd, 2nd and 3rd sheet) when saddle stitching specified paper. Default is No offset, when adjusting value to +, offset amount enlarges, when adjusting value to -, reduces.		
001	A3 SEF	ENG	[-30 to 30 / **0** / 2mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	B5 SEF	ENG	
005	DLT SEF	ENG	[-30 to 30 / **0** / 2mm/step]
006	LG SEF	ENG	
007	LT SEF	ENG	
008	12"x18"	ENG	
009	8K SEF	ENG	
	Other	ENG	[-30 to 30 / **0** / 2mm/step]
010	Adjusts pre-stack offset amount (sub scan direction shearing amount of 1st and 2nd, 2nd and 3rd sheet) when saddle stitching except the specified paper. Default is No offset, when adjusting value to +, offset amount enlarges, when adjusting value to -, reduces.		

6120	[CrnStpPosExFeedAmtAdj:2K/3KFIN]		
	Adjusts over sending amount (sub scan direction) of positioning roller when edge stitching specified paper.		

001	A3 SEF	ENG	[0 to 30 / **0** / 10mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	[0 to 30 / **0** / 10mm/step]
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	
011	8K SEF	ENG	[0 to 30 / **0** / 10mm/step]
012	16K SEF	ENG	
013	16K LEF	ENG	
014	Other	ENG	
	Adjusts over sending amount (sub scan direction) of positioning roller when edge stitching except the specified paper.		

6122	[BkFoldJogSolMovAmtAdj:2K/3KFIN]		
	Adjusts move amount of saddle stitch conformity claw when saddle stitching specified paper. • Adjusts value to +: towards up • Adjusts value to -: towards down		
001	A3 SEF	ENG	[-5 to 5 / **0** / 1mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	B5 SEF	ENG	

005	DLT SEF	ENG	
006	LG SEF	ENG	
007	LT SEF	ENG	[-5 to 5 / **0** / 1mm/step]
008	12"x18"	ENG	
009	8K SEF	ENG	
	Other	ENG	
010	Adjusts move amount of saddle stitch conformity claw when saddle stitching except the specified paper. • Adjusts value to +: towards up • Adjusts value to -: towards down		

6123	**[INPUT Check: 2K/3K FIN]**
	See page 807

6124	**[OUTPUT Check: 2K/3K FIN]**
	See page 836

6130	**[Sub-scan PunchPosAdj:FrontFIN]**		
	Adjusts position of carry direction (sub scan direction) for punch. • Adjusting value to -: hole position moves toward trailing edge of paper when intaking. • Adjusting value to +: hole position moves toward leading edge of paper when intaking.		
001	Domestic 2Hole(Europe 2Hole)	*ENG	
002	North America 3Hole	*ENG	
003	Europe 4Hole	*ENG	[-7.5 to 7.5 / **0.0** / 0.5mm/step]
004	North Europe 4Hole	*ENG	
005	North America 2Hole	*ENG	

6131	\[Main-scan PunchPosAdj:FrontFIN]			
	Adjusts position of width direction (main scan direction) for punch. • Adjusting value to -: hole position moves toward front side of machine. • Adjusting value to +: hole position moves toward rear side of machine.			
	001	Domestic 2Hole(Europe 2Hole)	*ENG	
	002	North America 3Hole	*ENG	
	003	Europe 4Hole	*ENG	[-2.0 to 2.0 / **0.0** / 0.4mm/step]
	004	North Europe 4Hole	*ENG	
	005	North America 2Hole	*ENG	

6132	\[Jogger Fence Fine Adj:FrontFIN]			
	Adjusts width (main scan direction) of edge stitch jogger when running specified paper conformity. • Adjusts value to -: move towards jogger width is tighter than base value. • Adjusts value to +: move towards jogger width is wider than base value.			
	001	A3T	*ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
	002	B4T	*ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]
	003	A4T	*ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]
	004	A4Y	*ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
	005	B5T	*ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]
	006	B5Y	*ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]
	007	DLT-T	*ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]
	008	LG-T	*ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]
	009	LT-T	*ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]
	010	LT-Y	*ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]
	011	8K-T	*ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]
	012	16K-T	*ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]

013	16K-Y	ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]
014	Other	ENG	[-3.0 to 3.0 / **0.0** / 0.5mm/step]

6133	**[Staple Position Adj: FrontFIN]** Adjusts staple position (main scan direction) for the near side parallel stitch/ far side parallel stitch of specified paper. • Adjusting value to -: staple position moves toward front side of machine. • Adjusting value to +: staple position moves toward rear side of machine.		
001	Finisher1	*ENG	[-2.0 to 2.0 / **0.0** / 0.5mm/step]

6134	**[Finisher Free Run: FrontFIN]**		
001	Free Run1	*ENG	[0 or 1 / **0** / 1/step]
	Execute shift mode no paper free run.		
002	Free Run2	*ENG	[0 or 1 / **0** / 1/step]
	Execute staple mode no paper free run.		
003	Free Run3	*ENG	[0 or 1 / **0** / 1/step]
	Tray package position move free run.		
004	Free Run4	*ENG	[0 or 1 / **0** / 1/step]
	Do not use with RUBICON-B.		

6135	**[INPUT Check: FrontFIN]**
	See page 807

6136	**[OUTPUT Check: FrontFIN]**
	See page 836

6140	**[Staple Position Adj: 1K FIN]**		
	Adjusts staple position (main scan direction) for near side trailing edge parallel stitch / far side trailing edge parallel stitch. • Adjusting value to -: staple position moves toward front side of machine. • Adjusting value to +: staple position moves toward rear side of machine.		
001	-	ENG	[-3.5 to 3.5 / **0.0** / 0.5mm/step]

6141	**[Booklet Stapler Pos Adj:1K FIN]**		
	Adjusts saddle stitch staple position (sub scan direction) of specified paper. • Adjusting value to -: staple position moves toward trailing edge of paper when intaking. • Adjusting value to +: folding position moves toward leading edge of paper when intaking.		
001	A3 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
002	B4 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
003	A4 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
004	B5 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
005	DLT SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
006	LG SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
007	LT SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
008	12"x18"	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]

6142	**[Sub-scan Punch Pos Adj:1K FIN]**
	Adjusts position of carry direction (sub scan direction) for punch. • Adjusting value to -: hole position moves toward trailing edge of paper when intaking. • Adjusting value to +: hole position moves toward leading edge of paper when intaking.

001	JPN/EU: 2-Hole	ENG	
002	NA: 3-Hole	ENG	
003	Europe: 4-Hole	ENG	[-7.5 to 7.5 / **0.0** / 0.5mm/step]
004	NEU: 4-Hole	ENG	
005	NA: 2-Hole	ENG	

6143	**[Jogger Pos Adj:1K FIN]** Adjusts width (main scan direction) of jogger when running specified paper conformity. • Adjusts value to -: move towards jogger width is tighter than base value. • Adjusts value to +: move towards jogger width is wider than base value.		
001	A3 SEF	ENG	
002	B4 SEF	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
009	LT SEF	ENG	
010	LT LEF	ENG	
011	12"x18"	ENG	
012	8K SEF	ENG	
013	16K SEF	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
014	16K LEF	ENG	

2. SP Mode Tables

	Other	ENG	[-1.5 to 1.5 / **0.0** / 0.5mm/step]
015	Adjusts width (main scan direction) of jogger when running conformity to except the specified paper. • Adjusts value to -: move towards jogger width is tighter than base value. • Adjusts value to +: move towards jogger width is wider than base value.		

	[Main-scan Punch Pos Adj:1K FIN]		
6144	Adjusts position of width direction (main scan direction) for punch. • Adjusting value to -: hole position moves toward front side of machine. • Adjusting value to +: hole position moves toward rear side of machine.		
001	JPN/EU: 2-Hole	ENG	
002	NA: 3-Hole	ENG	
003	Europe: 4-Hole	ENG	[-2.0 to 2.0 / **0.0** / 0.4mm/step]
004	NEU: 4-Hole	ENG	
005	NA: 2-Hole	ENG	

	[Skew Correct Buckle Adj:1K FIN]		
6145	Adjusts the skew correction bending amount when punching specified paper. • Adjusts value to -: buckling amount decreases • Adjusts value to +:buckling amount increases.		
001	A3 SEF	ENG	
002	B4 SEF	ENG	
003	A4 SEF	ENG	[-5.0 to 5.0 / **0.0** / 0.2mm/step]
004	A4 LEF	ENG	
005	B5 SEF	ENG	

006	B5 LEF	ENG	[-5.0 to 5.0 / **0.0** / 0.2mm/step]
007	A5 LEF	ENG	
008	DLT SEF	ENG	
009	LG SEF	ENG	
010	LT SEF	ENG	
011	LT LEF	ENG	[-5.0 to 5.0 / **0.0** / 0.2mm/step]
012	HLT LEF	ENG	
013	12"x18"	ENG	
014	8K SEF	ENG	
015	16K SEF	ENG	
016	16K LEF	ENG	
	Other	ENG	[-5.0 to 5.0 / **0.0** / 0.2mm/step]
017	Adjusts the skew correction bending amount when punching except the specified paper. • Adjusts value to -: buckling amount decreases • Adjusts value to +: buckling amount increases.		

6146	**[Skew Correct Ctrl SW:1K FIN]** Switches way to control (Still buckling 0: enable / 1: disable) skew correction when punching specified paper.		
001	A3 SEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
002	B4 SEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
003	A4 SEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable

2

004	A4 LEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
005	B5 SEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
006	B5 LEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
007	A5 LEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
008	DLT SEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
009	LG SEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
010	LT SEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
011	LT LEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
012	HLT LEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
013	12"x18"	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable

014	8K SEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
015	16K SEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
016	16K LEF	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
017	Other	ENG	[0 or 1 / **0** / 1/step] 0: enable 1: disable
	Switches way to control (Still buckling 0: enable / 1: disable) skew correction when punching except the specified paper.		

6147	[Booklet Folder Pos Adj:1K FIN] Adjusts saddle stitch folding position (sub scan direction) of specified paper. • Adjusting value to -: folding position moves toward trailing edge of paper when intaking. • Adjusting value to +: folding position moves toward leading edge of paper when intaking.		
001	A3 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
002	B4 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
003	A4 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
004	B5 SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
005	DLT SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
006	LG SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
007	LT SEF	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]
008	12"x18"	ENG	[-3.0 to 3.0 / **0.0** / 0.2mm/step]

6148	[Fold Times Adj: 1K FIN]			
	Adjusts extra folding times (time) for folding when saddle stitching.			
001	-		ENG	[0 to 29 / **0** / 1sec/step]

6149	[Last Paper Pos Time Adj:1K FIN]			
	Adjust positioning times to last paper of set.			
001	-		*ENG	[0 to 1 / **0** / 1time/step]

6150	[PositioningStrtTimingAdj:1KFIN]
	Adjusts the positioning roller operation start timing when positioning specified paper.
	• Adjusts value to -: forwards the start timing
	• Adjusts value to +: delays the start timing

001	A3 SEF	ENG	
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	[-100 to 100 / **0** / 10msec/step]
009	LT SEF	ENG	
010	LT LEF	ENG	
011	12"x18"	ENG	
012	8K SEF	ENG	
013	16K SEF	ENG	
014	16K LEF	ENG	
	Other	ENG	
015	Adjusts the positioning roller operation start timing when positioning except the specified paper. • Adjusts value to -: forwards the start timing • Adjusts value to +: delays the start timing		

6151	**[PosTimeAdj(LstPr2ndTime):1KFIN]**		
	Adjusts 2nd time to positioning the last sheet of the set. • Adjusts the value to -: shortens the positioning time • Adjusts the value to +: extends the positioning time The positioning for the last sheet is done when [Last Paper Pos Time Adj:1K FIN] adjust value is set to 1.		
001	-	ENG	[-100 to 100 / **0** / 10msec/step]

6152	[PosTiAdj(ExcLstPr3rdTi):1KFIN]		
	Adjust positioning time for specified paper except the last sheet 2nd time. • Adjusts the value to -: shortens the positioning time • Adjusts the value to +: extends the positioning time		
001	A3 SEF	ENG	[-100 to 100 / **0** / 10msec/step]
002	B4 SEF	ENG	[-100 to 100 / **0** / 10msec/step]
003	A4 SEF	ENG	[-100 to 100 / **0** / 10msec/step]
004	A4 LEF	ENG	[-100 to 100 / **0** / 10msec/step]
005	B5 SEF	ENG	[-100 to 100 / **0** / 10msec/step]
006	B5 LEF	ENG	[-100 to 100 / **0** / 10msec/step]
007	DLT SEF	ENG	[-100 to 100 / **0** / 10msec/step]
008	LG SEF	ENG	[-100 to 100 / **0** / 10msec/step]
009	LT SEF	ENG	[-100 to 100 / **0** / 10msec/step]
010	LT LEF	ENG	[-100 to 100 / **0** / 10msec/step]
011	12"x18"	ENG	[-100 to 100 / **0** / 10msec/step]
012	8K SEF	ENG	[-100 to 100 / **0** / 10msec/step]
013	16K SEF	ENG	[-100 to 100 / **0** / 10msec/step]
014	16K LEF	ENG	[-100 to 100 / **0** / 10msec/step]
015	Other	ENG	[-100 to 100 / **0** / 10msec/step]
	Adjust positioning time for other than the specified paper except the last sheet 2nd time. • Adjusts the value to -: shortens the positioning time • Adjusts the value to +: extends the positioning time		

6154	[Pos Time Adj By Sheet: 1K FIN]
	Adjusts the positioning time when stocked specified amount. • Adjusts the value to -: shortens the positioning time • Adjusts the value to +: extends the positioning time

001	1 - 10 Sheets	ENG	
002	11 - 20 Sheets	ENG	
003	21 - 30 Sheets	ENG	[-100 to 100 / **0** / 10msec/step]
004	31 - 40 Sheets	ENG	
005	41 - 50 Sheets	ENG	

6160	[Finisher Free Run: 1K FIN]		
001	Free Run 1	ENG	[0 or 1 / **0** / 1/step]
	Executes shift mode no paper free run.		
002	Free Run 2	ENG	[0 or 1 / **0** / 1/step]
	Executes edge stitch (near side 1 point stitch) mode no paper free run.		
003	Free Run 3	ENG	[0 or 1 / **0** / 1/step]
	Executes saddle stitch mode no paper free run. (Does not execute with model with no saddle stitch unit)		
004	Free Run 4	ENG	[0 or 1 / **0** / 1/step]
	Executes saddle stitch mode no paper free run. (Does not execute with model with no saddle stitch unit)		

6161	[FIN (1K FIN) INPUT Check]
	See page 807

6162	[FIN (1K FIN) OUTPUT Check]
	See page 836

6170	[Bridge: INPUT Check]
	See page 807

6171	[Bridge: OUTPUT Check]
	See page 836

6172	[Shift Tray: INPUT Check]
	See page 807

6173	[Shift Tray: OUTPUT Check]
	See page 836

6174	[1 Bin: INPUT Check]
	See page 807

6800	[Sheet Conversion (Thick Paper)]		
	Permits punching, including tab sheets.		
001	-	CTL	[1 to 3 / **3** / 1/step] 1: 1 pages 2: 2 pages 3: 3 pages

6801	[1-pass Stamp Unit]		
001	-	*ENG	[0 or 1 / **0** / 1/step] 0: NO 1: YES
	For 1 path simultaneous duplex models only. Sets installed/not installed of DONE stamp unit.		

6810	[Ring Bind Sheet Conversion (Thick Paper)]
	-

001	-	CTL	[1 to 3 / **3** / 1/step] 1: 1 pages 2: 2 pages 3: 3 pages

<table>
<tr><td rowspan="3">6830</td><td colspan="3">[Extra Staples]</td></tr>
<tr><td colspan="3">More than the standard number of sheets can be stapled. This SP sets the additional number of sheets (This Setting + Standard Number = maximum number of sheets).</td></tr>
<tr><td colspan="3">If the number of the maximum for staples is increased, and the mechanical warranty of the unit can be guaranteed, then the setting can take effect without changing the controller software.
However, assurance that mechanical performance can be guaranteed is required before changing the setting to increase the staple load for more than the maximum in the feed/exit specifications. Raising this setting without quality assurance could damage the machine.</td></tr>
<tr><td>001</td><td>Staple positions other than booklet stapling</td><td>*CTL</td><td>[0 to 50 / **0** / 1/step]</td></tr>
<tr><td rowspan="2">002</td><td>2 Booklet stapling</td><td>*CTL</td><td>[0 to 50 / **0** / 1/step]</td></tr>
<tr><td colspan="3">Makes possible for staple to saddle stitch more sheets than basic amount.

Saddle stitch staple max. amount will be recognized as the total of this SP's value and the basic amount.</td></tr>
<tr><td rowspan="2">003</td><td>Finisher booklet max. paper count custom setting</td><td>*CTL</td><td>[0 to 50 / **0** / 1/step]</td></tr>
<tr><td colspan="3">Makes possivle for finisher to middle fold more than the basic foldable amount.

Middle fold max. amount will be recognized as the total of this SP's value and basic Middle fold amunt.</td></tr>
</table>

<table>
<tr><td>6890</td><td colspan="3">[Punch Function Enabled (Z Fold)]</td></tr>
<tr><td>001</td><td>-</td><td>CTL</td><td>[1 to 0 / **0** / 1/step]
0: No Punch
1: Punching OK</td></tr>
</table>

6900	[ADF Bottom Plate Setting]

001	-	*ENG	[0 or 1 / **0** / 1/step] 0: Bottom plate rise on original set (default) 1: Bottom plate rise on paper exit signal.
	For 1 path simultaneous duplex models only. Changes bottom plate rising mode.		

Main SP Tables-7

SP7-XXX (Data Log)

7401	[Total SC]		
	Stores total SC occurring count. If the same SC codes are detected continuously and total counter is not increasing, it only logs once in case of deleting other SC code logs.		
001	SC Counter	*CTL	[0 to 65535 / - / 1/step]
002	Total SC Counter	*CTL	[0 to 65535 / - / 1/step]

7403	[SC History]		
	Logs and displays the SC codes detected. The 10 most recently detected SC Codes are displayed on the screen, and also can be seen on the SMC (logging) outputs. ⬇ **Note** • If the same SC codes are detected continuously and total counter is not increasing, it only logs once in case of deleting other SC code logs.		
001	Latest	*CTL	
002	Latest 1	*CTL	
003	Latest 2	*CTL	
004	Latest 3	*CTL	
005	Latest 4	*CTL	
006	Latest 5	*CTL	[- / - / -]
007	Latest 6	*CTL	
008	Latest 7	*CTL	
009	Latest 8	*CTL	
010	Latest 9	*CTL	

7404	**[SC990 / SC991 History]**			
	Logs and displays the SC990 / SC991 detected. The 10 most recently detected SC. **⬇Note** • If the same SC codes are detected continuously and total counter is not increasing, it only logs once in case of deleting other SC code logs.			
	001	Latest	*CTL	
	002	Latest 1	*CTL	
	003	Latest 2	*CTL	
	004	Latest 3	*CTL	
	005	Latest 4	*CTL	[- / - / -]
	006	Latest 5	*CTL	
	007	Latest 6	*CTL	
	008	Latest 7	*CTL	
	009	Latest 8	*CTL	
	010	Latest 9	*CTL	

7502	**[Total Paper Jam]**		
	Displays the total number of jams detected.		
	001	Jam Counter	*CTL	[00000 to 65535 / - / 1sheet/step]
		If the JAM occurred in multiple places, it logs as one SC.		
	002	Total Jam Counter	*CTL	[00000 to 65535 / - / 1sheet/step]

7503	**[Manuscript Jam]**		
	-		
	00*	-	*CTL	[00000 to 65535 / - / - /step]

7504	[Paper Jam Location]		
	Displays counts for transfer paper jam for each incidence place.		
001	At Power On	*CTL	Paper is not fed at power on. [0000 to 9999 / - / 1/step]
003	Tray1: On	*CTL	[0000 to 9999 / - / 1/step]
004	Tray2: On	*CTL	[0000 to 9999 / - / 1/step]
005	Tray3: On	*CTL	[0000 to 9999 / - / 1/step]
006	Tray4: On	*CTL	[0000 to 9999 / - / 1/step]
007	LCT: On	*CTL	[0000 to 9999 / - / 1/step]
008	Bypass: On	*CTL	[0000 to 9999 / - / 1/step]
009	Duplex: On	*CTL	[0000 to 9999 / - / 1/step]
010	Transport 1: On	*CTL	[0000 to 9999 / - / 1/step]
012	Transport 2:On	*CTL	[0000 to 9999 / - / 1/step]
013	Transport 3: On	*CTL	[0000 to 9999 / - / 1/step]
014	Transport 4: On	*CTL	[0000 to 9999 / - / 1/step]
015	LCT Transport: On	*CTL	[0000 to 9999 / - / 1/step]
016	LCT Exit: On	*CTL	[0000 to 9999 / - / 1/step]
017	LCT Relay: On	*CTL	[0000 to 9999 / - / 1/step]
018	Main Unit Relay: On	*CTL	[0000 to 9999 / - / 1/step]
019	Registration: On	*CTL	[0000 to 9999 / - / 1/step]
022	TH Transport: On	*CTL	[0000 to 9999 / - / 1/step]
024	Fusing Exit: On	*CTL	[0000 to 9999 / - / 1/step]
025	Inverter Entrance: On	*CTL	[0000 to 9999 / - / 1/step]
026	Paper Exit Inverter: On	*CTL	[0000 to 9999 / - / 1/step]
028	Inverter Exit: On	*CTL	[0000 to 9999 / - / 1/step]
029	Paper Exit Relay: On	*CTL	[0000 to 9999 / - / 1/step]

030	Paper Exit: On	*CTL	[0000 to 9999 / - / 1/step]
031	Duplex Inverter: On	*CTL	[0000 to 9999 / - / 1/step]
033	Duplex Entrance: On	*CTL	[0000 to 9999 / - / 1/step]
034	Dup Trans 1: On	*CTL	[0000 to 9999 / - / 1/step]
035	Dup Trans 2: On	*CTL	[0000 to 9999 / - / 1/step]
036	Dup Trans 3: On	*CTL	[0000 to 9999 / - / 1/step]
037	Dup Trans 4: On	*CTL	[0000 to 9999 / - / 1/step]
038	Duplex Exit: On	*CTL	[0000 to 9999 / - / 1/step]
057	LCT Feed: Off	*CTL	[0000 to 9999 / - / 1/step]
058	By-pass Feed: Off	*CTL	[0000 to 9999 / - / 1/step]
060	Transport 1: Off	*CTL	[0000 to 9999 / - / 1/step]
062	Transport 2: Off	*CTL	[0000 to 9999 / - / 1/step]
063	Transport 3: Off	*CTL	[0000 to 9999 / - / 1/step]
064	Transport 4: Off	*CTL	[0000 to 9999 / - / 1/step]
065	LCT Feed Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
066	LCT Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
067	LCT Relay: Off	*CTL	[0000 to 9999 / - / 1/step]
068	Main Unit Relay: Off	*CTL	[0000 to 9999 / - / 1/step]
069	Registration Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
072	TH Transport: Off	*CTL	[0000 to 9999 / - / 1/step]
074	Fusing Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
075	Inverter Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
076	Paper Exit Inverter: Off	*CTL	[0000 to 9999 / - / 1/step]
078	Inverter Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
079	Paper Exit Relay: Off	*CTL	[0000 to 9999 / - / 1/step]
080	Paper Exit: Off	*CTL	[0000 to 9999 / - / 1/step]

081	Duplex Inverter: Off	*CTL	[0000 to 9999 / - / 1/step]
083	Duplex Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
084	Dup Trans 1: Off	*CTL	[0000 to 9999 / - / 1/step]
085	Dup Trans 2: Off	*CTL	[0000 to 9999 / - / 1/step]
086	Dup Trans 3: Off	*CTL	[0000 to 9999 / - / 1/step]
087	Dup Trans 4: Off	*CTL	[0000 to 9999 / - / 1/step]
088	Duplex Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
095	Double-Feed Detection: Front	*CTL	[0000 to 9999 / - / 1/step]
096	Timing: On	*CTL	[0000 to 9999 / - / 1/step]
097	Shift Over	*CTL	[0000 to 9999 / - / 1/step]
098	Paper Thickness Error	*CTL	[0000 to 9999 / - / 1/step]
099	Double-Feed Detection: Rear	*CTL	[0000 to 9999 / - / 1/step]
100	Entrance: On	*CTL	[0000 to 9999 / - / 1/step]
101	Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
102	Proof Tray Exit: On	*CTL	[0000 to 9999 / - / 1/step]
103	Proof Tray Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
104	Shift Tray Exit: On	*CTL	[0000 to 9999 / - / 1/step]
105	Shift Tray Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
106	Stapler Exit: On	*CTL	[0000 to 9999 / - / 1/step]
107	Stapler Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
108	Pre-Stack: On	*CTL	[0000 to 9999 / - / 1/step]
109	Pre-Stack: Off	*CTL	[0000 to 9999 / - / 1/step]
110	Feed Out	*CTL	[0000 to 9999 / - / 1/step]
111	Motors	*CTL	[0000 to 9999 / - / 1/step]
112	Tray Lift Motor	*CTL	[0000 to 9999 / - / 1/step]
113	Jogger Motor	*CTL	[0000 to 9999 / - / 1/step]

2

114	Shift Motor	*CTL	[0000 to 9999 / - / 1/step]
115	Staple Motor	*CTL	[0000 to 9999 / - / 1/step]
116	Feed Out Motor	*CTL	[0000 to 9999 / - / 1/step]
117	Punch Motor	*CTL	[0000 to 9999 / - / 1/step]
118	Z-Fold Motor	*CTL	[0000 to 9999 / - / 1/step]
119	Pre-Stack	*CTL	[0000 to 9999 / - / 1/step]
120	Main Machine Setting Incorrect	*CTL	[0000 to 9999 / - / 1/step]
148	Plockmatic Booklet Processor	*CTL	[0000 to 9999 / - / 1/step]
149	GBC Punch Unit	*CTL	[0000 to 9999 / - / 1/step]
150	Entrance Sensor: On	*CTL	[0000 to 9999 / - / 1/step]
151	Entrance Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
152	Horizontal Transport Sensor: On	*CTL	[0000 to 9999 / - / 1/step]
153	Horizontal Transport Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
154	Switchback Transport Sensor: On	*CTL	[0000 to 9999 / - / 1/step]
155	Switchback Transport Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
156	Proof Tray Exit	*CTL	[0000 to 9999 / - / 1/step]
157	Shift Tray Exit	*CTL	[0000 to 9999 / - / 1/step]
158	Booklet Staple Exit	*CTL	[0000 to 9999 / - / 1/step]
159	Entrance Motor	*CTL	[0000 to 9999 / - / 1/step]
160	Relay Motor	*CTL	[0000 to 9999 / - / 1/step]
161	Paper Exit Motor	*CTL	[0000 to 9999 / - / 1/step]
162	Trailing Edge Stack Plate Motor	*CTL	[0000 to 9999 / - / 1/step]

163	Paper Exit Open/Close Guide Plate Motor	*CTL	[0000 to 9999 / - / 1/step]
164	Punching Motor	*CTL	[0000 to 9999 / - / 1/step]
165	Punch Move Motor	*CTL	[0000 to 9999 / - / 1/step]
166	S-to-S Registration Detection	*CTL	[0000 to 9999 / - / 1/step]
167	Lower Junction Solenoid Motor	*CTL	[0000 to 9999 / - / 1/step]
168	Jogger Motor	*CTL	[0000 to 9999 / - / 1/step]
169	Positioning Roller Rotation Motor	*CTL	[0000 to 9999 / - / 1/step]
170	Feed Out Motor	*CTL	[0000 to 9999 / - / 1/step]
171	Corner Staple Move Motor	*CTL	[0000 to 9999 / - / 1/step]
172	Corner Stapler Motor	*CTL	[0000 to 9999 / - / 1/step]
173	Booklet Stapler Jogger Motor	*CTL	[0000 to 9999 / - / 1/step]
174	Booklet Stapler Jog Solenoid Motor	*CTL	[0000 to 9999 / - / 1/step]
175	Booklet Stapler Standard Fence Motor	*CTL	[0000 to 9999 / - / 1/step]
176	Booklet Stapler Motor	*CTL	[0000 to 9999 / - / 1/step]
177	Dynamic Roller Transport Motor	*CTL	[0000 to 9999 / - / 1/step]
178	Folder Transport Motor	*CTL	[0000 to 9999 / - / 1/step]
179	Bklt Stplr Positioning Roller	*CTL	[0000 to 9999 / - / 1/step]
180	Press-Fold Motor	*CTL	[0000 to 9999 / - / 1/step]
181	Tray Lift Motor	*CTL	[0000 to 9999 / - / 1/step]
182	Shift Motor	*CTL	[0000 to 9999 / - / 1/step]
183	Shift Jogger Front Motor	*CTL	[0000 to 9999 / - / 1/step]
184	Shift Jogger Rear Motor	*CTL	[0000 to 9999 / - / 1/step]

185	Shift Jogger Retraction Motor	*CTL	[0000 to 9999 / - / 1/step]
186	Drag Roller Oscillating Motor	*CTL	[0000 to 9999 / - / 1/step]
187	Leading Edge Guide Motor	*CTL	[0000 to 9999 / - / 1/step]
188	Job Data Error	*CTL	[0000 to 9999 / - / 1/step]
200	Entrance: On	*CTL	[0000 to 9999 / - / 1/step]
201	Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
202	Top Tray Exit: On	*CTL	[0000 to 9999 / - / 1/step]
203	Top Tray Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
204	Horizontal Oath Exit: On	*CTL	[0000 to 9999 / - / 1/step]
205	Horizontal Path Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
206	Stopper 1: On	*CTL	[0000 to 9999 / - / 1/step]
207	Stopper 1: Off	*CTL	[0000 to 9999 / - / 1/step]
208	Stopper 2: On	*CTL	[0000 to 9999 / - / 1/step]
209	Stopper 2: Off	*CTL	[0000 to 9999 / - / 1/step]
210	Stopper 3: On	*CTL	[0000 to 9999 / - / 1/step]
211	Stopper 3: Off	*CTL	[0000 to 9999 / - / 1/step]
212	Registration Correction	*CTL	[0000 to 9999 / - / 1/step]
213	Top Tray Transport	*CTL	[0000 to 9999 / - / 1/step]
214	Entrance JG Motor Error	*CTL	[0000 to 9999 / - / 1/step]
215	Stopper Motor 1 Error	*CTL	[0000 to 9999 / - / 1/step]
216	Stopper Motor 2 Error	*CTL	[0000 to 9999 / - / 1/step]
217	Stopper Motor 3 Error	*CTL	[0000 to 9999 / - / 1/step]
218	Dynamic Roller Lift Mt Error	*CTL	[0000 to 9999 / - / 1/step]
219	Regist Roller Release Mt Error	*CTL	[0000 to 9999 / - / 1/step]
220	Fold Plate Motor Error	*CTL	[0000 to 9999 / - / 1/step]
221	Jogger Fence Motor Error	*CTL	[0000 to 9999 / - / 1/step]

222	Direct-Send JG Motor Error	*CTL	[0000 to 9999 / - / 1/step]
223	FM6 Pawl Motor Error	*CTL	[0000 to 9999 / - / 1/step]
249	Main Machine Setting Incorrect	*CTL	[0000 to 9999 / - / 1/step]
250	Paper Feed: Late	*CTL	[0000 to 9999 / - / 1/step]
251	Paper Feed: Lag	*CTL	[0000 to 9999 / - / 1/step]
252	Pressure Timing Sn: Late	*CTL	[0000 to 9999 / - / 1/step]
253	Pressure Timing Sn: Lag	*CTL	[0000 to 9999 / - / 1/step]
254	Contact Timing Sn: Late	*CTL	[0000 to 9999 / - / 1/step]
255	Contact Timing Sn: Lag	*CTL	[0000 to 9999 / - / 1/step]

7505	[Original Jam Detection]		
	-		
***	Original Jam Detection	*CTL	[0000 to 9999 / - / -/step]

7506	[Jam Count by Paper Size]		
	Displays the number of jams according to the paper size.		

005	A4 LEF	*CTL	
006	A5 LEF	*CTL	
014	B5 LEF	*CTL	
038	LT LEF	*CTL	
044	HLT LEF	*CTL	
132	A3 SEF	*CTL	
133	A4 SEF	*CTL	
134	A5 SEF	*CTL	[0 to 9999 / 0 / 1 sheet/step]
141	B4 SEF	*CTL	
142	B5 SEF	*CTL	
160	DLT SEF	*CTL	
164	LG SEF	*CTL	
166	LT SEF	*CTL	
172	HLT SEF	*CTL	
255	Others	*CTL	

7507	[Plotter Jam History]
	Logs and displays the 10 most recent detected transfer paper jams.
	(CAUSE, SIZE, TOTAL, DATE)

001	Latest	*CTL	
002	Latest 1	*CTL	
003	Latest 2	*CTL	
004	Latest 3	*CTL	
005	Latest 4	*CTL	[-/ - / -]
006	Latest 5	*CTL	
007	Latest 6	*CTL	
008	Latest 7	*CTL	
009	Latest 8	*CTL	
010	Latest 9	*CTL	

7508	[Original Jam History]		
	Logs and displays the 10 most recent detected transfer paper jams. (CAUSE, SIZE, TOTAL, DATE)		
001	Latest	*CTL	
002	Latest 1	*CTL	
003	Latest 2	*CTL	
004	Latest 3	*CTL	
005	Latest 4	*CTL	[- / - / -]
006	Latest 5	*CTL	
007	Latest 6	*CTL	
008	Latest 7	*CTL	
009	Latest 8	*CTL	
010	Latest 9	*CTL	

7514	[Paper Jam Count by Location] Total counter of transfer paper jam by each incidence place		
	Displays occurring count of transfer paper jams by each incidence place.		
001	At Power On	*CTL	Paper is not fed at power on. [0000 to 9999 / - / 1/step]
003	Tray1: On	*CTL	[0000 to 9999 / - / 1/step]
004	Tray2: On	*CTL	[0000 to 9999 / - / 1/step]
005	Tray3: On	*CTL	[0000 to 9999 / - / 1/step]
006	Tray4: On	*CTL	[0000 to 9999 / - / 1/step]
007	LCT: On	*CTL	[0000 to 9999 / - / 1/step]
008	Bypass: On	*CTL	[0000 to 9999 / - / 1/step]
009	Duplex: On	*CTL	[0000 to 9999 / - / 1/step]
010	Transport 1: On	*CTL	[0000 to 9999 / - / 1/step]
012	Transport 2:On	*CTL	[0000 to 9999 / - / 1/step]
013	Transport 3: On	*CTL	[0000 to 9999 / - / 1/step]
014	Transport 4: On	*CTL	[0000 to 9999 / - / 1/step]
015	LCT Transport: On	*CTL	[0000 to 9999 / - / 1/step]
016	LCT Exit: On	*CTL	[0000 to 9999 / - / 1/step]
017	LCT Relay: On	*CTL	[0000 to 9999 / - / 1/step]
018	Main Unit Relay: On	*CTL	[0000 to 9999 / - / 1/step]
019	Registration: On	*CTL	[0000 to 9999 / - / 1/step]
022	TH Transport: On	*CTL	[0000 to 9999 / - / 1/step]
024	Fusing Exit: On	*CTL	[0000 to 9999 / - / 1/step]
025	Inverter Entrance: On	*CTL	[0000 to 9999 / - / 1/step]
026	Paper Exit Inverter: On	*CTL	[0000 to 9999 / - / 1/step]
028	Inverter Exit: On	*CTL	[0000 to 9999 / - / 1/step]

029	Paper Exit Relay: On	*CTL	[0000 to 9999 / - / 1/step]
030	Paper Exit: On	*CTL	[0000 to 9999 / - / 1/step]
031	Duplex Inverter: On	*CTL	[0000 to 9999 / - / 1/step]
033	Duplex Entrance: On	*CTL	[0000 to 9999 / - / 1/step]
034	Dup Trans 1: On	*CTL	[0000 to 9999 / - / 1/step]
035	Dup Trans 2: On	*CTL	[0000 to 9999 / - / 1/step]
036	Dup Trans 3: On	*CTL	[0000 to 9999 / - / 1/step]
037	Dup Trans 4: On	*CTL	[0000 to 9999 / - / 1/step]
038	Duplex Exit: On	*CTL	[0000 to 9999 / - / 1/step]
057	LCT Feed: Off	*CTL	[0000 to 9999 / - / 1/step]
058	By-pass Feed: Off	*CTL	[0000 to 9999 / - / 1/step]
060	Transport 1: Off	*CTL	[0000 to 9999 / - / 1/step]
062	Transport 2: Off	*CTL	[0000 to 9999 / - / 1/step]
063	Transport 3: Off	*CTL	[0000 to 9999 / - / 1/step]
064	Transport 4: Off	*CTL	[0000 to 9999 / - / 1/step]
065	LCT Feed Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
066	LCT Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
067	LCT Relay: Off	*CTL	[0000 to 9999 / - / 1/step]
068	Main Unit Relay: Off	*CTL	[0000 to 9999 / - / 1/step]
069	Registration Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
072	TH Transport: Off	*CTL	[0000 to 9999 / - / 1/step]
074	Fusing Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
075	Inverter Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
076	Paper Exit Inverter: Off	*CTL	[0000 to 9999 / - / 1/step]
078	Inverter Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
079	Paper Exit Relay: Off	*CTL	[0000 to 9999 / - / 1/step]

080	Paper Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
081	Duplex Inverter: Off	*CTL	[0000 to 9999 / - / 1/step]
083	Duplex Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
084	Dup Trans 1: Off	*CTL	[0000 to 9999 / - / 1/step]
085	Dup Trans 2: Off	*CTL	[0000 to 9999 / - / 1/step]
086	Dup Trans 3: Off	*CTL	[0000 to 9999 / - / 1/step]
087	Dup Trans 4: Off	*CTL	[0000 to 9999 / - / 1/step]
088	Duplex Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
095	Double-Feed Detection: Front	*CTL	[0000 to 9999 / - / 1/step]
096	Timing: On	*CTL	[0000 to 9999 / - / 1/step]
097	Shift Over	*CTL	[0000 to 9999 / - / 1/step]
098	Paper Thickness Error	*CTL	[0000 to 9999 / - / 1/step]
099	Double-Feed Detection: Rear	*CTL	[0000 to 9999 / - / 1/step]
100	Entrance: On	*CTL	[0000 to 9999 / - / 1/step]
101	Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
102	Proof Tray Exit: On	*CTL	[0000 to 9999 / - / 1/step]
103	Proof Tray Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
104	Shift Tray Exit: On	*CTL	[0000 to 9999 / - / 1/step]
105	Shift Tray Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
106	Stapler Exit: On	*CTL	[0000 to 9999 / - / 1/step]
107	Stapler Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
108	Pre-Stack: On	*CTL	[0000 to 9999 / - / 1/step]
109	Pre-Stack: Off	*CTL	[0000 to 9999 / - / 1/step]
110	Feed Out	*CTL	[0000 to 9999 / - / 1/step]
111	Motors	*CTL	[0000 to 9999 / - / 1/step]
112	Tray Lift Motor	*CTL	[0000 to 9999 / - / 1/step]

113	Jogger Motor	*CTL	[0000 to 9999 / - / 1/step]
114	Shift Motor	*CTL	[0000 to 9999 / - / 1/step]
115	Staple Motor	*CTL	[0000 to 9999 / - / 1/step]
116	Feed Out Motor	*CTL	[0000 to 9999 / - / 1/step]
117	Punch Motor	*CTL	[0000 to 9999 / - / 1/step]
118	Z-Fold Motor	*CTL	[0000 to 9999 / - / 1/step]
119	Pre-Stack	*CTL	[0000 to 9999 / - / 1/step]
120	Main Machine Setting Incorrect	*CTL	[0000 to 9999 / - / 1/step]
148	Plockmatic Booklet Processor	*CTL	[0000 to 9999 / - / 1/step]
149	GBC Punch Unit	*CTL	[0000 to 9999 / - / 1/step]
150	Entrance Sensor: On	*CTL	[0000 to 9999 / - / 1/step]
151	Entrance Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
152	Horizontal Transport Sensor: On	*CTL	[0000 to 9999 / - / 1/step]
153	Horizontal Transport Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
154	Switchback Transport Sensor: On	*CTL	[0000 to 9999 / - / 1/step]
155	Switchback Transport Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
156	Proof Tray Exit	*CTL	[0000 to 9999 / - / 1/step]
157	Shift Tray Exit	*CTL	[0000 to 9999 / - / 1/step]
158	Booklet Staple Exit	*CTL	[0000 to 9999 / - / 1/step]
159	Entrance Motor	*CTL	[0000 to 9999 / - / 1/step]
160	Relay Motor	*CTL	[0000 to 9999 / - / 1/step]
161	Paper Exit Motor	*CTL	[0000 to 9999 / - / 1/step]

162	Trailing Edge Stack Plate Motor	*CTL	[0000 to 9999 / - / 1/step]
163	Paper Exit Open/Close Guide Plate Motor	*CTL	[0000 to 9999 / - / 1/step]
164	Punching Motor	*CTL	[0000 to 9999 / - / 1/step]
165	Punch Move Motor	*CTL	[0000 to 9999 / - / 1/step]
166	S-to-S Registration Detection	*CTL	[0000 to 9999 / - / 1/step]
167	Lower Junction Solenoid Motor	*CTL	[0000 to 9999 / - / 1/step]
168	Jogger Motor	*CTL	[0000 to 9999 / - / 1/step]
169	Positioning Roller Rotation Motor	*CTL	[0000 to 9999 / - / 1/step]
170	Feed Out Motor	*CTL	[0000 to 9999 / - / 1/step]
171	Corner Staple Move Motor	*CTL	[0000 to 9999 / - / 1/step]
172	Corner Stapler Motor	*CTL	[0000 to 9999 / - / 1/step]
173	Booklet Stapler Jogger Motor	*CTL	[0000 to 9999 / - / 1/step]
174	Booklet Stapler Jog Solenoid Motor	*CTL	[0000 to 9999 / - / 1/step]
175	Booklet Stapler Standard Fence Motor	*CTL	[0000 to 9999 / - / 1/step]
176	Booklet Stapler Motor	*CTL	[0000 to 9999 / - / 1/step]
177	Dynamic Roller Transport Motor	*CTL	[0000 to 9999 / - / 1/step]
178	Folder Transport Motor	*CTL	[0000 to 9999 / - / 1/step]
179	Bklt Stplr Positioning Roller	*CTL	[0000 to 9999 / - / 1/step]
180	Press-Fold Motor	*CTL	[0000 to 9999 / - / 1/step]
181	Tray Lift Motor	*CTL	[0000 to 9999 / - / 1/step]
182	Shift Motor	*CTL	[0000 to 9999 / - / 1/step]

183	Shift Jogger Front Motor	*CTL	[0000 to 9999 / - / 1/step]
184	Shift Jogger Rear Motor	*CTL	[0000 to 9999 / - / 1/step]
185	Shift Jogger Retraction Motor	*CTL	[0000 to 9999 / - / 1/step]
186	Drag Roller Oscillating Motor	*CTL	[0000 to 9999 / - / 1/step]
187	Leading Edge Guide Motor	*CTL	[0000 to 9999 / - / 1/step]
188	Job Data Error	*CTL	[0000 to 9999 / - / 1/step]
200	Entrance: On	*CTL	[0000 to 9999 / - / 1/step]
201	Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
202	Top Tray Exit: On	*CTL	[0000 to 9999 / - / 1/step]
203	Top Tray Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
204	Horizontal Oath Exit: On	*CTL	[0000 to 9999 / - / 1/step]
205	Horizontal Path Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
206	Stopper 1: On	*CTL	[0000 to 9999 / - / 1/step]
207	Stopper 1: Off	*CTL	[0000 to 9999 / - / 1/step]
208	Stopper 2: On	*CTL	[0000 to 9999 / - / 1/step]
209	Stopper 2: Off	*CTL	[0000 to 9999 / - / 1/step]
210	Stopper 3: On	*CTL	[0000 to 9999 / - / 1/step]
211	Stopper 3: Off	*CTL	[0000 to 9999 / - / 1/step]
212	Registration Correction	*CTL	[0000 to 9999 / - / 1/step]
213	Top Tray Transport	*CTL	[0000 to 9999 / - / 1/step]
214	Entrance JG Motor Error	*CTL	[0000 to 9999 / - / 1/step]
215	Stopper Motor 1 Error	*CTL	[0000 to 9999 / - / 1/step]
216	Stopper Motor 2 Error	*CTL	[0000 to 9999 / - / 1/step]
217	Stopper Motor 3 Error	*CTL	[0000 to 9999 / - / 1/step]
218	Dynamic Roller Lift Mt Error	*CTL	[0000 to 9999 / - / 1/step]
219	Regist Roller Release Mt Error	*CTL	[0000 to 9999 / - / 1/step]

2

220	Fold Plate Motor Error	*CTL	[0000 to 9999 / - / 1/step]
221	Jogger Fence Motor Error	*CTL	[0000 to 9999 / - / 1/step]
222	Direct-Send JG Motor Error	*CTL	[0000 to 9999 / - / 1/step]
223	FM6 Pawl Motor Error	*CTL	[0000 to 9999 / - / 1/step]
249	Main Machine Setting Incorrect	*CTL	[0000 to 9999 / - / 1/step]
250	Paper Feed: Late	*CTL	[0000 to 9999 / - / 1/step]
251	Paper Feed: Lag	*CTL	[0000 to 9999 / - / 1/step]
252	Pressure Timing Sn: Late	*CTL	[0000 to 9999 / - / 1/step]
253	Pressure Timing Sn: Lag	*CTL	[0000 to 9999 / - / 1/step]
254	Contact Timing Sn: Late	*CTL	[0000 to 9999 / - / 1/step]
255	Contact Timing Sn: Lag	*CTL	[0000 to 9999 / - / 1/step]

7515	[Total Original Jam Detection]		
	-		
***	Total Original Jam Detection	*CTL	[0 to 9999 / - / -]

7516	[Jam Paper Size Cnt]		
	Displays occurring count of transfer paper jams by each paper size.		
005	A4 LEF	*CTL	
006	A5 LEF	*CTL	
014	B5 LEF	*CTL	[0 to 9999 / 0 / 1 sheet/step]
038	LT LEF	*CTL	
044	HLT LEF	*CTL	

132	A3 SEF	*CTL	
133	A4 SEF	*CTL	[0 to 9999 / **0** / 1 sheet/step]
134	A5 SEF	*CTL	
141	B4 SEF	*CTL	
142	B5 SEF	*CTL	
160	DLT SEF	*CTL	
164	LG SEF	*CTL	
166	LT SEF	*CTL	[0 to 9999 / **0** / 1 sheet/step]
172	HLT SEF	*CTL	
255	Others	*CTL	

7621	[PM Counter Display: Pages]		
	-		
002	# PCU:K	ENG	
003	# Dev Unit:K	ENG	[0 to 99999999 / **0** / 1page/step]
004	Developer:K	ENG	
025	# PCU:C	ENG	
026	# Dev Unit:C	ENG	[0 to 99999999 / **0** / 1page/step]
027	Developer:C	ENG	
048	# PCU:M	ENG	
049	# Dev Unit:M	ENG	[0 to 99999999 / **0** / 1page/step]
050	Developer:M	ENG	
071	# PCU:Y	ENG	
072	# Dev Unit:Y	ENG	[0 to 99999999 / **0** / 1page/step]
073	Developer:Y	ENG	

093	# ITB Unit	ENG	
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	[0 to 99999999 / **0** / 1page/step]
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 99999999 / **0** / 1page/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	[0 to 999999999 / **0** / 1mg/step]
206	ADF Pick-up Roller	ENG	
207	ADF Supply Belt	ENG	[0 to 99999999 / **0** / 1page/step]
208	ADF Reverse Roller	ENG	

7622	[PM Counter Reset]		
	-		
002	# PCU:K	ENG	
003	# Dev Unit:K	ENG	[0 or 1 / **0** / 1/step]
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	
025	# PCU:C	ENG	
026	# Dev Unit:C	ENG	[0 or 1 / **0** / 1/step]
027	Developer:C	ENG	
048	# PCU:M	ENG	
049	# Dev Unit:M	ENG	[0 or 1 / **0** / 1/step]
050	Developer:M	ENG	

071	# PCU:Y	ENG	[0 or 1 / **0** / 1/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 or 1 / **0** / 1/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 or 1 / **0** / 1/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[0 or 1 / **0** / 1/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	
220	Toner Sub Hopper:K	ENG	[0 or 1 / **0** / 1/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	
245	PCU:All Colors	ENG	[0 or 1 / **0** / 1/step]
246	Development Unit:All Colors	ENG	
247	Developer:All Colors	ENG	
249	Toner Sub Hopper:All Colors	ENG	
250	SCS	ENG	[0 or 1 / **0** / 1/step]

2

7623	[PM Value Setting: Life Pages]		
	-		
002	# PCU:K	ENG	[0 to 99999999 / **0** / 1page/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 99999999 / **0** / 1page/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 99999999 / **0** / 1page/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 99999999 / **0** / 1page/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 99999999 / **600000** / 1page/step]
102	# ITB Cleaning Unit	ENG	[0 to 99999999 / **300000** / 1page/step]
109	# PTR Unit	ENG	[0 to 99999999 / **400000** / 1page/step]
115	# Fusing Unit	ENG	[0 to 99999999 / **400000** / 1page/step]
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 99999999 / **300000** / 1page/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	[0 to 999999999 / **1000000** / 1mg/step]
206	ADF Pick-up Roller	ENG	[0 to 99999999 / **120000** / 1page/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	

7625	[Previous Unit Counter: Pages]		
	-		
002	# PCU:K	ENG	[0 to 99999999 / **0** / 1page/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 99999999 / **0** / 1page/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 99999999 / **0** / 1page/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 99999999 / **0** / 1page/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 99999999 / **0** / 1page/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 99999999 / **0** / 1page/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	[0 to 999999999 / **0** / 1mg/step]
206	ADF Pick-up Roller	ENG	[0 to 99999999 / **0** / 1page/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	

2

7626	[Previous Unit Counter2: Pages]		
	-		
002	# PCU:K	ENG	
003	# Dev Unit:K	ENG	[0 to 99999999 / 0 / 1page/step]
004	Developer:K	ENG	
025	# PCU:C	ENG	
026	# Dev Unit:C	ENG	[0 to 99999999 / 0 / 1page/step]
027	Developer:C	ENG	
048	# PCU:M	ENG	
049	# Dev Unit:M	ENG	[0 to 99999999 / 0 / 1page/step]
050	Developer:M	ENG	
071	# PCU:Y	ENG	
072	# Dev Unit:Y	ENG	[0 to 99999999 / 0 / 1page/step]
073	Developer:Y	ENG	
093	# ITB Unit	ENG	
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	[0 to 99999999 / 0 / 1page/step]
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	
132	Dust Filter: Fan Duct	ENG	[0 to 99999999 / 0 / 1page/step]
142	Waste Toner Bottle	ENG	[0 to 999999999 / 0 / 1mg/step]
206	ADF Pick-up Roller	ENG	
207	ADF Supply Belt	ENG	[0 to 99999999 / 0 / 1page/step]
208	ADF Reverse Roller	ENG	

7628	[PM Counter Reset]			
	Resets all counts for PM Counter.			
002	SCS		ENG	[0 or 1 / **0** / 1/step]

7801	[ROM No.]			
002	Engine	CTL	[- / **-** / -]	
	Engine ROM part number.			
005	ADF	CTL	[- / **-** / -]	
	ADF ROM part number.			
007	Finisher	CTL	[- / **-** / -]	
	Finisher ROM part number.			
009	PTU	CTL	[- / **-** / -]	
	Bank ROM part number.			
010	LCT	CTL	[- / **-** / -]	
	LCT ROM part number.			
019	PTU2	CTL	[- / **-** / -]	
	Bank 2 ROM part number.			

7801	[ROM No./ Firmware Version]			
	Displays all version numbers, part numbers in machine.			
255	-		CTL	-

7803	[PM Counter Display]			
	Displays the PM counter for each unit.			
001	Paper		*CTL	[0 to 999999 / **0** / 1/step]
255	PM Counter Display		*CTL	[- / **-** / -]

7804	**[PM Counter Reset]**		
	Clears the PM counter. Press the Enter key after the machine asks "Execute?", which will store the PM counter value in SP7-906 (PM Counter - Previous) and reset the value of the current PM counter (SP7-803) to "0".		
001	Paper	CTL	[- / - / -] [Execute]
255	PM Counter Display	CTL	[- / - / -]

7807	**[SC/Jam Counter Reset]**		
	Resets the SC, paper, original, and total jam counters. When the program ends normally, the message "Completed" is displayed. ⬇Note • SP7-807-1 does not reset the following logs: SP7-507 (Display-Paper Jam History) and SP7-508 (Display-Original Jam History).		
001	-	*CTL	[- / - / -] [Execute]

7831	**[Clear Counter for Processing Appli.]**		
	-		
001	Clear Counter for Processing Appli.	CTL	[- / - / -] [Execute]

7832	**[Self-Diagnose Display]**		
	Displays the result of the diagnostics. To scroll the return codes, press the up-arrow key or the down-arrow key.		
001	-	CTL	[- / - / -] [Execute]

7835	**[ACC Counter]**		
	-		

001	Copy ACC	*CTL	[0 to 9999999 / - / - /step]

7836	[Total Memory Size]		
	Displays the memory capacity of the controller system.		
001	Total Memory Size	CTL	[- / - / -]

7840	[Service SP Entry Code Chg Hist]		
	Records dates and times of resetting / changing "Service SP mode switch code setting" for the recent 2 times. (Decides whether the record is for setting changes or resets by branch number.)		
001	Change Time :Latest	*CTL	[- / - / -]
002	Change Time : Last1	*CTL	[- / - / -]
101	Initialize Time : Latest	*CTL	[- / - / -]
102	Initialize Time : Last1	*CTL	[- / - / -]

7851	[Unified Counter]		
	SP8951-007 refers to this SP.		
001	Copy Program Number Registered	*CTL	[0 to 255 / 0 / 1 /step]

7852	[DF Glass Dust Check]		
001	Dust Detection Counter	*ENG	[0 to 65535 / 0 / 1/step]
	Records the times detecting dust at all points of front side scan position. When there is a dust even when before starting the next job, consider as same dust and doesn't count. Counts when SP4-020-001: DF scan glass part dust detect front is ON.		
002	Dust Counter Clear Counter	*ENG	[0 to 65535 / 0 / 1/step]
	For checking front side scan position move effect. Counts the times that strips were avoided by detecting dust and move the sheet thrugh DF scan position. Counts when SP4-020-001: DF scan glass part dust detect front is ON.		

	Dust Detection Counter: Back	*ENG	[0 to 65535 / **0** / 1/step]
003	For Single Path simultaneous duplex models only. Records the times detecting dust at all points of rear side scan position. When there is a same dust even when before starting the next job, consider as same dust and doesn't count. * Counts when SP4-020-011: DF		

	[Replace Counter]		
7853	-		
002	# PCU:K	ENG	
003	# Dev Unit:K	ENG	[0 to 255 / **0** / 1/step]
004	Developer:K	ENG	
025	# PCU:C	ENG	
026	# Dev Unit:C	ENG	[0 to 255 / **0** / 1/step]
027	Developer:C	ENG	
048	# PCU:M	ENG	
049	# Dev Unit:M	ENG	[0 to 255 / **0** / 1/step]
050	Developer:M	ENG	
071	# PCU:Y	ENG	
072	# Dev Unit:Y	ENG	[0 to 255 / **0** / 1/step]
073	Developer:Y	ENG	
093	# ITB Unit	ENG	
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	[0 to 255 / **0** / 1/step]
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	

131	Dust Filter: Ozone Duct	ENG	
132	Dust Filter: Fan Duct	ENG	[0 to 255 / 0 / 1/step]
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	
207	ADF Supply Belt	ENG	[0 to 255 / 0 / 1/step]
208	ADF Reverse Roller	ENG	
220	Toner Sub Hopper:K	ENG	
221	Toner Sub Hopper:C	ENG	[0 to 255 / 0 / 1/step]
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	

7901	[Assert Info.]		
	Records the location where a problem is detected in the program. The data stored in this SP is used for problem analysis.		
001	File Name	*CTL	[- / - / -]
002	Number of Lines	*CTL	[- / - / -]
003	Location	*CTL	[- / - / -]

7903	[Internal Processing/Factor Setting for Key/Card Counter]		
	-		
***		CTL	[0 to 1000 / - / - /step]

7906	[Previous Unit Counter:Distance]		
	-		

002	# PCU:K	ENG	[0 to 4294967295 / 0 / 1mm/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	
025	# PCU:C	ENG	[0 to 4294967295 / 0 / 1mm/step]
026	# Dev Unit:C	ENG	
027	Developer: C	ENG	
048	# PCU:M	ENG	[0 to 4294967295 / 0 / 1mm/step]
049	# Dev Unit:M	ENG	
050	Developer: M	ENG	
071	# PCU:Y	ENG	[0 to 4294967295 / 0 / 1mm/step]
072	# Dev Unit:Y	ENG	
073	Developer: Y	ENG	
093	# ITB Unit	ENG	[0 to 4294967295 / 0 / 1mm/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
220	Toner Sub Hopper:K	ENG	[0 to 999999999 / 0 / 1/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	

230	Low Speed: # PCU:K	ENG	
231	Low Speed: # PCU:C	ENG	[0 to 4294967295 / **0** / 1mm/step]
232	Low Speed: # PCU:M	ENG	
233	Low Speed: # PCU:Y	ENG	
234	Middle Speed: # PCU:K	ENG	
235	Middle Speed: # PCU:C	ENG	[0 to 4294967295 / **0** / 1mm/step]
236	Middle Speed: # PCU:M	ENG	
237	Middle Speed: # PCU:Y	ENG	

7907	**[Previous Unit Cntr:Distance(%)]**		
	-		
002	# PCU:K	ENG	
003	# Dev Unit:K	ENG	[0 to 255 / **0** / 1%/step]
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	
025	# PCU:C	ENG	
026	# Dev Unit:C	ENG	[0 to 255 / **0** / 1%/step]
027	Developer:C	ENG	
048	# PCU:M	ENG	
049	# Dev Unit:M	ENG	[0 to 255 / **0** / 1%/step]
050	Developer:M	ENG	
071	# PCU:Y	ENG	
072	# Dev Unit:Y	ENG	[0 to 255 / **0** / 1%/step]
073	Developer:Y	ENG	

093	# ITB Unit	ENG	[0 to 255 / **0** / 1%/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
220	Toner Sub Hopper:K	ENG	[0 to 255 / **0** / 1%/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	

7908	**[Previous Unit Counter:Pages(%)]**		
	-		
002	# PCU:K	ENG	[0 to 255 / **0** / 1%/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 255 / **0** / 1%/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / **0** / 1%/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / **0** / 1%/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	

093	# ITB Unit	ENG	
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	[0 to 255 / **0** / 1%/step]
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	
132	Dust Filter: Fan Duct	ENG	[0 to 255 / **0** / 1%/step]
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	
207	ADF Supply Belt	ENG	[0 to 255 / **0** / 1%/step]
208	ADF Reverse Roller	ENG	

7931	[Toner Bottle Bk]		
001	Machine Serial ID	*ENG	[0 to 255 / **0** / 1/step]
	Model code used with model code API.		
002	Cartridge Ver	*ENG	[0 to 255 / **0** / 1/step]
003	Brand ID	*ENG	[0 to 255 / **0** / 1/step]
004	Area ID	*ENG	[0 to 255 / **0** / 1/step]
005	Product ID	*ENG	[0 to 255 / **0** / 1/step]
	Records identification information of supply amount information.		
006	Color ID	*ENG	[0 to 255 / **0** / 1/step]
007	Maintenance ID	*ENG	[0 to 255 / **0** / 1/step]
008	New Product Information	*ENG	[0 to 255 / **0** / 1/step]
009	Recycle Counter	*ENG	[0 to 255 / **0** / 1/step]

2

010	Date	*ENG	[0 or 1 / **0** / 1/step]
	Use for the individual toner detect.		
011	SerialNo.	*ENG	[0 or 1 / **0** / 1/step]
	Use for the individual toner detect.		
012	Toner Remaining	*ENG	[0 to 100 / **100** / 1%/step]
	Keeps data with 1% step.		
013	EDP Code	*ENG	[0 or 1 / **0** / 1/step]
	EDP code of toner.		
014	End History	*ENG	[0 or 1 / **0** / 1/step]
	Detect history or toner end, near end.		
015	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		
016	Attachment: Total Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
017	Attachment: Color Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit color counter value in binary data when toner installed.		
018	End: Total Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner ended. Write also when near end.		
019	End: Color Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit color counter value in binary data when toner ended. Write also when near end.		
020	Attachment Date	*ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
021	End Date	*ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner ended. Write also when near end.		

7932	[Toner Bottle M]		
001	Machine Serial ID	*ENG	[0 to 255 / **0** / 1/step]
	Model code used with model code API.		
002	Cartridge Ver	*ENG	[0 to 255 / **0** / 1/step]
003	Brand ID	*ENG	[0 to 255 / **0** / 1/step]
004	Area ID	*ENG	[0 to 255 / **0** / 1/step]
005	Product ID	*ENG	[0 to 255 / **0** / 1/step]
	Records identification information of supply amount information.		
006	Color ID	*ENG	[0 to 255 / **0** / 1/step]
007	Maintenance ID	*ENG	[0 to 255 / **0** / 1/step]
008	New Product Information	*ENG	[0 to 255 / **0** / 1/step]
009	Recycle Counter	*ENG	[0 to 255 / **0** / 1/step]
010	Date	*ENG	[0 or 1 / **0** / 1/step]
	Use for the individual toner detect.		
011	SerialNo.	*ENG	[0 or 1 / **0** / 1/step]
	Use for the individual toner detect.		
012	Toner Remaining	*ENG	[0 to 100 / **100** / 1%/step]
	Keeps data with 1% step.		
013	EDP Code	*ENG	[0 or 1 / **0** / 1/step]
	EDP code of toner.		
014	End History	*ENG	[0 or 1 / **0** / 1/step]
	Detect history or toner end, near end.		
015	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		
016	Attachment: Total Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		

017	Attachment: Color Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit color counter value in binary data when toner installed.		
018	End: Total Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner ended. Write also when near end.		
019	End: Color Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit color counter value in binary data when toner ended. Write also when near end.		
020	Attachment Date	*ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
021	End Date	*ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner ended. Write also when near end.		

7933	[Toner Bottle C]		
001	MachineSerialID	*ENG	[0 to 255 / **0** / 1/step]
	Model code used with model code API.		
002	Cartridge Ver	*ENG	[0 to 255 / **0** / 1/step]
003	Brand ID	*ENG	[0 to 255 / **0** / 1/step]
004	Area ID	*ENG	[0 to 255 / **0** / 1/step]
005	Product ID	*ENG	[0 to 255 / **0** / 1/step]
	Records identification information of supply amount information.		
006	Color ID	*ENG	[0 to 255 / **0** / 1/step]
007	Maintenance ID	*ENG	[0 to 255 / **0** / 1/step]
008	New Product Information	*ENG	[0 to 255 / **0** / 1/step]
009	Recycle Counter	*ENG	[0 to 255 / **0** / 1/step]
010	Date	*ENG	[0 or 1 / **0** / 1/step]
	Use for the individual toner detect.		

011	SerialNo.	*ENG	[0 or 1 / **0** / 1/step]
	Use for the individual toner detect.		
012	Toner Remaining	*ENG	[0 to 100 / **100** / 1%/step]
	Keeps data with 1% step.		
013	EDP Code	*ENG	[0 or 1 / **0** / 1/step]
	EDP code of toner.		
014	End History	*ENG	[0 or 1 / **0** / 1/step]
	Detect history or toner end, near end.		
015	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		
016	Attachment: Total Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
017	Attachment: Color Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit color counter value in binary data when toner installed.		
018	End: Total Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner ended. Write also when near end.		
019	End: Color Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit color counter value in binary data when toner ended. Write also when near end.		
020	Attachment Date	*ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
021	End Date	*ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner ended. Write also when near end.		

7934	[Toner Bottle Y]

001	MachineSerialID	*ENG	[0 to 255 / 0 / 1/step]
	Model code used with model code API.		
002	Cartridge Ver	*ENG	[0 to 255 / 0 / 1/step]
003	Brand ID	*ENG	[0 to 255 / 0 / 1/step]
004	Area ID	*ENG	[0 to 255 / 0 / 1/step]
005	Product ID	*ENG	[0 to 255 / 0 / 1/step]
	Records identification information of supply amount information.		
006	Color ID	*ENG	[0 to 255 / 0 / 1/step]
007	Maintenance ID	*ENG	[0 to 255 / 0 / 1/step]
008	New Product Information	*ENG	[0 to 255 / 0 / 1/step]
009	Recycle Counter	*ENG	[0 to 255 / 0 / 1/step]
010	Date	*ENG	[0 or 1 / 0 / 1/step]
	Use for the individual toner detect.		
011	SerialNo.	*ENG	[0 or 1 / 0 / 1/step]
	Use for the individual toner detect.		
012	Toner Remaining	*ENG	[0 to 100 / 100 / 1%/step]
	Keeps data with 1% step.		
013	EDP Code	*ENG	[0 or 1 / 0 / 1/step]
	EDP code of toner.		
014	End History	*ENG	[0 or 1 / 0 / 1/step]
	Detect history or toner end, near end.		
015	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		
016	Attachment: Total Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		

017	Attachment: Color Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit color counter value in binary data when toner installed.		
018	End: Total Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner ended. Write also when near end.		
019	End: Color Counter	*ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit color counter value in binary data when toner ended. Write also when near end.		
020	Attachment Date	*ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
021	End Date	*ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner ended. Write also when near end.		

7935	[Toner Bottle Log 1: Bk]		
001	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
002	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
003	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
004	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7935	[Toner Bottle Log 2: Bk]		
011	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		

012	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
013	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
014	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7935	[Toner Bottle Log 3: Bk]		
021	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
022	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
023	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
024	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7935	[Toner Bottle Log 4: Bk]		
031	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
032	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
033	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
034	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7935	[Toner Bottle Log 5: Bk]		
041	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
042	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
043	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
044	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7936	[Toner Bottle Log 1: M]		
001	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
002	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
003	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
004	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7936	[Toner Bottle Log 2: M]		
011	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
012	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
013	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		

014	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7936	[Toner Bottle Log 3: M]		
021	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
022	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
023	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
024	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7936	[Toner Bottle Log 4: M]		
031	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
032	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
033	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
034	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7936	[Toner Bottle Log 5: M]		
041	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		

042	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
043	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
044	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7937	[Toner Bottle Log 1: C]		
001	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
002	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
003	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
004	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7937	[Toner Bottle Log 2: C]		
011	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
012	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
013	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
014	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7937	[Toner Bottle Log 3: C]		
021	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
022	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
023	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
024	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7937	[Toner Bottle Log 4: C]		
031	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
032	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
033	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
034	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7937	[Toner Bottle Log 5: C]		
041	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
042	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
043	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		

044	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7938	[Toner Bottle Log 1: Y]		
001	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
002	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
003	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
004	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7938	[Toner Bottle Log 2: Y]		
011	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
012	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
013	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
014	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7938	[Toner Bottle Log 3: Y]		
021	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		

022	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
023	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
024	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7938	[Toner Bottle Log 4: Y]		
031	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
032	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
033	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
034	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7938	[Toner Bottle Log 5: Y]		
041	SerialNo.	ENG	[0 or 1 / **0** / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
042	Attachment Date	ENG	[0 or 1 / **0** / 1/step]
	Write year/month/day of toner installed.		
043	Attachment: Total Counter	ENG	[0 to 99999999 / **0** / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
044	Refill Information	*ENG	[0 or 1 / **0** / 1/step]
	Refill detect, IS ware detect information.		

7940	[PM Value Setting:Life Distance]			
	-			
002	# PCU:K	ENG	[0 to 999999999 / **0** / 1mm/step]	
003	# Dev Unit:K	ENG		
004	Developer:K	ENG		
011	Lubricant Bar:K	ENG	[0 to 999999999 / **201151581** / 1mm/step]	
025	# PCU:C	ENG	[0 to 999999999 / **0** / 1mm/step]	
026	# Dev Unit:C	ENG		
027	Developer:C	ENG		
048	# PCU:M	ENG	[0 to 999999999 / **0** / 1mm/step]	
049	# Dev Unit:M	ENG		
050	Developer:M	ENG		
071	# PCU:Y	ENG	[0 to 999999999 / **0** / 1mm/step]	
072	# Dev Unit:Y	ENG		
073	Developer:Y	ENG		
093	# ITB Unit	ENG	[0 to 999999999 / **287359403** / 1mm/step]	
102	# ITB Cleaning Unit	ENG	[0 to 999999999 / **143679701** / 1mm/step]	
109	# PTR Unit	ENG	[0 to 999999999 / **191572935** / 1mm/step]	
115	# Fusing Unit	ENG	[0 to 999999999 / **291305000** / 1mm/step]	
116	Fusing Belt	ENG		
118	Pressure Roller	ENG		
220	Toner Sub Hopper:K	ENG	[0 to 999999999 / **3024000** / 1/step]	
221	Toner Sub Hopper:C	ENG	[0 to 999999999 / **3024000** / 1/step]	

2

| 222 | Toner Sub Hopper:M | ENG | [0 to 999999999 / **3132000** / 1/step] |
| 223 | Toner Sub Hopper:Y | ENG | [0 to 999999999 / **3024000** / 1/step] |

7942	**[PM Counter Display:Distance(%)]**		
	-		
002	# PCU:K	ENG	
003	# Dev Unit:K	ENG	[0 to 255 / **0** / 1%/step]
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	
025	# PCU:C	ENG	
026	# Dev Unit:C	ENG	[0 to 255 / **0** / 1%/step]
027	Developer:C	ENG	
048	# PCU:M	ENG	
049	# Dev Unit:M	ENG	[0 to 255 / **0** / 1%/step]
050	Developer:M	ENG	
071	# PCU:Y	ENG	
072	# Dev Unit:Y	ENG	[0 to 255 / **0** / 1%/step]
073	Developer:Y	ENG	
093	# ITB Unit	ENG	
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	[0 to 255 / **0** / 1%/step]
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	

220	Toner Sub Hopper:K	ENG	
221	Toner Sub Hopper:C	ENG	[0 to 255 / 0 / 1%/step]
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	

7944	[PM Counter Display: Distance]		
	-		
002	# PCU:K	*ENG	
003	# Dev Unit:K	ENG	[0 to 4294967295 / 0 / 1mm/step]
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	
025	# PCU:C	*ENG	
026	# Dev Unit:C	ENG	[0 to 4294967295 / 0 / 1mm/step]
027	Developer:C	ENG	
048	# PCU:M	*ENG	
049	# Dev Unit:M	ENG	[0 to 4294967295 / 0 / 1mm/step]
050	Developer:M	ENG	
071	# PCU:Y	*ENG	
072	# Dev Unit:Y	ENG	[0 to 4294967295 / 0 / 1mm/step]
073	Developer:Y	ENG	
093	# ITB Unit	ENG	
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	[0 to 4294967295 / 0 / 1mm/step]
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	

220	Toner Sub Hopper:K	ENG	[0 to 999999999 / 0 / 1/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	
230	Low Speed: # PCU:K	ENG	[0 to 4294967295 / 0 / 1mm/step]
231	Low Speed: # PCU:C	ENG	
232	Low Speed: # PCU:M	ENG	
233	Low Speed: # PCU:Y	ENG	
234	Middle Speed: # PCU:K	ENG	[0 to 4294967295 / 0 / 1mm/step]
235	Middle Speed: # PCU:C	ENG	
236	Middle Speed: # PCU:M	ENG	
237	Middle Speed: # PCU:Y	ENG	

7950	[Unit Replacement Date]		
	-		
002	# PCU:K	*ENG	[0 or 1 / 0 / 1/step]
003	# Dev Unit:K	*ENG	
004	Developer:K	*ENG	
011	Lubricant Bar:K	*ENG	
025	# PCU:C	*ENG	[0 or 1 / 0 / 1/step]
026	# Dev Unit:C	*ENG	
027	Developer:C	*ENG	
048	# PCU:M	*ENG	[0 or 1 / 0 / 1/step]
049	# Dev Unit:M	*ENG	
050	Developer:M	*ENG	

071	# PCU:Y	*ENG	[0 or 1 / 0 / 1/step]
072	# Dev Unit:Y	*ENG	
073	Developer:Y	*ENG	
093	# ITB Unit	*ENG	[0 or 1 / 0 / 1/step]
102	# ITB Cleaning Unit	*ENG	
109	# PTR Unit	*ENG	
115	# Fusing Unit	*ENG	
116	Fusing Belt	*ENG	
118	Pressure Roller	*ENG	
131	Dust Filter: Ozone Duct	*ENG	[0 or 1 / 0 / 1/step]
132	Dust Filter: Fan Duct	*ENG	
142	Waste Toner Bottle	*ENG	
206	ADF Pick-up Roller	*ENG	[0 or 1 / 0 / 1/step]
207	ADF Supply Belt	*ENG	
208	ADF Reverse Roller	*ENG	
220	Toner Sub Hopper:K	*ENG	[0 or 1 / 0 / 1/step]
221	Toner Sub Hopper:C	*ENG	
222	Toner Sub Hopper:M	*ENG	
223	Toner Sub Hopper:Y	*ENG	

7951	[Remain Day Counter: Pages]		
	-		
002	# PCU:K	ENG	[0 to 255 / 255 / 1day/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	

2

025	# PCU:C	ENG	[0 to 255 / **255** / 1day/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / **255** / 1day/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / **255** / 1day/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 255 / **255** / 1day/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 255 / **255** / 1day/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[0 to 255 / **255** / 1day/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	

| 7952 | **[Remain Day Counter: Distance]** |
| | - |

002	# PCU:K	ENG	
003	# Dev Unit:K	ENG	[0 to 255 / **255** / 1day/step]
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	
025	# PCU:C	ENG	
026	# Dev Unit:C	ENG	[0 to 255 / **255** / 1day/step]
027	Developer:C	ENG	
048	# PCU:M	ENG	
049	# Dev Unit:M	ENG	[0 to 255 / **255** / 1day/step]
050	Developer:M	ENG	
071	# PCU:Y	ENG	
072	# Dev Unit:Y	ENG	[0 to 255 / **255** / 1day/step]
073	Developer:Y	ENG	
093	# ITB Unit	ENG	
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	[0 to 255 / **255** / 1day/step]
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
220	Toner Sub Hopper:K	ENG	
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	[0 to 255 / **255** / 1day/step]
223	Toner Sub Hopper:Y	ENG	

7953	[Operation Env. Log: PCU: K]			
	T: Temperature (C), H Relative humidity (%). Displays PCU: K running distance in each temperature/humidity devision.			
001	T<=0		ENG	[0 to 999999999 / **0** / 1mm/step]
002	0<T<=5:0<=H<30		ENG	[0 to 999999999 / **0** / 1mm/step]
003	0<T<=5:30<=H<70		ENG	
004	0<T<=5:70<=H<=100		ENG	
005	5<T<15:0<=H<30		ENG	[0 to 999999999 / **0** / 1mm/step]
006	5<T<15:30<=H<55		ENG	
007	5<T<15:55<=H<80		ENG	
008	5<T<15:80<=H<=100		ENG	
009	15<=T<25:0<=H<30		ENG	[0 to 999999999 / **0** / 1mm/step]
010	15<=T<25:30<=H<55		ENG	
011	15<=T<25:55<=H<80		ENG	
012	15<=T<25:80<=H<=100		ENG	
013	25<=T<30:0<=H<30		ENG	[0 to 999999999 / **0** / 1mm/step]
014	25<=T<30:30<=H<55		ENG	
015	25<=T<30:55<=H<80		ENG	
016	25<=T<30:80<=H<=100		ENG	
017	30<=T:0<=H<30		ENG	[0 to 999999999 / **0** / 1mm/step]
018	30<=T:30<=H<55		ENG	
019	30<=T:55<=H<80		ENG	
020	30<=T:80<=H<=100		ENG	
021	35<=T:0<=H<=100		ENG	[0 to 999999999 / **0** / 1mm/step]

7953	[Operation Env. Log Clear]		
	Clear Operating environment log.		
100	-	ENG	[0 or 1 / **0** / 1/step]

7954	[PM Counter Display: Pages (%)]		
	-		
002	# PCU:K	ENG	[0 to 255 / **0** / 1%/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	
025	# PCU:C	ENG	[0 to 255 / **0** / 1%/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / **0** / 1%/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / **0** / 1%/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 255 / **0** / 1%/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	

131	Dust Filter: Ozone Duct	ENG	[0 to 255 / 0 / 1%/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[0 to 255 / 0 / 1%/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	

7955	[Estimated Remain Pages]		
	-		
002	# PCU:K	ENG	[0 to 9999999 / 0 / 1page/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 9999999 / 0 / 1page/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 9999999 / 0 / 1page/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 9999999 / 0 / 1page/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	

093	# ITB Unit	ENG	
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	[0 to 9999999 / **0** / 1page/step]
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	

7956	[Estimated Remain Days]		
	-		
002	# PCU:K	ENG	
003	# Dev Unit:K	ENG	[0 to 255 / **255** / 1day/step]
004	Developer:K	ENG	
025	# PCU:C	ENG	
026	# Dev Unit:C	ENG	[0 to 255 / **255** / 1day/step]
027	Developer:C	ENG	
048	# PCU:M	ENG	
049	# Dev Unit:M	ENG	[0 to 255 / **255** / 1day/step]
050	Developer:M	ENG	
071	# PCU:Y	ENG	
072	# Dev Unit:Y	ENG	[0 to 255 / **255** / 1day/step]
073	Developer:Y	ENG	

093	# ITB Unit	ENG	
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	[0 to 255 / **255** / 1day/step]
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	
132	Dust Filter: Fan Duct	ENG	[0 to 255 / **255** / 1day/step]
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	
207	ADF Supply Belt	ENG	[0 to 255 / **255** / 1day/step]
208	ADF Reverse Roller	ENG	

7957	[Monthly Average Pages]		
	-		
002	# PCU:K	ENG	
003	# Dev Unit:K	ENG	[0 to 9999999 / **0** / 1page/step]
004	Developer:K	ENG	
025	# PCU:C	ENG	
026	# Dev Unit:C	ENG	[0 to 9999999 / **0** / 1page/step]
027	Developer:C	ENG	
048	# PCU:M	ENG	
049	# Dev Unit:M	ENG	[0 to 9999999 / **0** / 1page/step]
050	Developer:M	ENG	

071	# PCU:Y	ENG	
072	# Dev Unit:Y	ENG	[0 to 9999999 / **0** / 1page/step]
073	Developer:Y	ENG	
093	# ITB Unit	ENG	
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	[0 to 9999999 / **0** / 1page/step]
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	

7958	[PM Value Setting:DaysThreshold]		
	-		
002	# PCU:K	ENG	
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	[1 to 30 / **15** / 1day/step]
011	Lubricant Bar:K	ENG	
025	# PCU:C	ENG	
026	# Dev Unit:C	ENG	[1 to 30 / **15** / 1day/step]
027	Developer:C	ENG	
048	# PCU:M	ENG	
049	# Dev Unit:M	ENG	[1 to 30 / **15** / 1day/step]
050	Developer:M	ENG	
071	# PCU:Y	ENG	
072	# Dev Unit:Y	ENG	[1 to 30 / **15** / 1day/step]
073	Developer:Y	ENG	

093	# ITB Unit	ENG	[1 to 30 / **15** / 1day/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[1 to 30 / **15** / 1day/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[1 to 30 / **15** / 1day/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	
220	Toner Sub Hopper:K	ENG	[1 to 30 / **15** / 1day/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	

7959	[Fusing: Stop]		
001	Near End: Page	ENG	[0 to 99999999 / **415000** / 1page/step]
	Displays life deterioration near end threshold of fusing R.		
002	End: Page	ENG	[0 to 99999999 / **430000** / 1page/step]
	Displays life deterioration end threshold of fusing belt.		
003	Near End: Rotation	ENG	[0 to 999999999 / **302229000** / 1mm/step]
	Displays life deterioration near end running distance of fusing R.		

004	End: Rotation	ENG	[0 to 999999999 / **313153000** / 1mm/step]
	Displays life deterioration end running distance of fusing R.		

7960	[Estimated Usage Rate]		
	-		
002	# PCU:K	ENG	[0 to 255 / **0** / 1%/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	
025	# PCU:C	ENG	[0 to 255 / **0** / 1%/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / **0** / 1%/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / **0** / 1%/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 255 / **0** / 1%/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	

131	Dust Filter: Ozone Duct	ENG	
132	Dust Filter: Fan Duct	ENG	[0 to 255 / **0** / 1%/step]
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	
207	ADF Supply Belt	ENG	[0 to 255 / **0** / 1%/step]
208	ADF Reverse Roller	ENG	

7970	[Cumulative Counter]		
001	Rotation:Bk Opc Drive Unit	*ENG	[0 to 9999999 / **0** / 1m/step]
	Displays running distance count since first use.		
002	Rotation:Color Opc Drive Unit	*ENG	[0 to 9999999 / **0** / 1m/step]
	Displays running distance count since first use.		
008	Rotation:Fusing Drive Unit	*ENG	[0 to 9999999 / **0** / 1m/step]
	Displays running distance count since first use.		
010	Count:Paper Transfer On-Off Drive Unit	*ENG	[0 to 9999999 / **0** / 1/step]
	Displays operating time count since first use.		
011	Page:Feed Drive Unit	*ENG	[0 to 9999999 / **0** / 1page/step]
	Displays sheets count since first use.		
012	Page:Registration Drive Unit	*ENG	[0 to 9999999 / **0** / 1page/step]
	Displays sheets count since first use.		

7972	[Yield Counter]		
001	Bk Opc Drive Unit	*ENG	[0 to 200 / **0** / 1%/step]
	Displays reach level till life running distance threshold.		
002	Color Opc Drive Unit	*ENG	[0 to 200 / **0** / 1%/step]
	Displays reach level till life running distance threshold.		

2

008	Fusing Drive Unit	*ENG	[0 to 200 / **0** / 1%/step]
	Displays reach level till life running distance threshold.		
010	Paper Transfer On-Off Drive Unit	*ENG	[0 to 200 / **0** / 1%/step]
	Displays reach level till life operating times threshold.		
011	Feed Drive Unit	*ENG	[0 to 200 / **0** / 1%/step]
	Displays reach level till life sheets threshold.		
012	Registration Drive Unit	*ENG	[0 to 200 / **0** / 1%/step]
	Displays reach level till life sheets threshold.		

7974	[Yield Setting]		
001	Bk Opc Drive Unit	*ENG	[0 to 9999999 / **D146: 548197, D147: 548197, D148: 1370493, D149: 1370493, D150: 1370493** / 1m/step]
	Displays life running distance threshold of unit.		
002	Color Opc Drive Unit	*ENG	[0 to 9999999 / **601098** / 1m/step]
	Displays life running distance threshold of unit.		
008	Fusing Drive Unit	*ENG	[0 to 9999999 / **913662** / 1m/step]
	Displays life running distance threshold of unit.		
010	Paper Transfer On-Off Drive Unit	*ENG	[0 to 9999999 / **1650000** / 1/step]
	Displays life operating times threshold of unit.		
011	Feed Drive Unit	*ENG	[0 to 9999999 / **3300000** / 1page/step]
	Displays life sheets threshold of unit.		
012	Registration Drive Unit	*ENG	[0 to 9999999 / **3300000** / 1page/step]
	Displays life sheets threshold of unit.		

7976	[Guaranteed Parameter]		
	Sets life warranty value of unit.		
001	Rotation:Bk Opc Drive Unit	*ENG	[0 to 9999999 / **D146: 548197, D147: 548197, D148: 1370493, D149: 1370493, D150: 1370493** / 1m/step]
002	Rotation:Color Opc Drive Unit	*ENG	[0 to 9999999 / **601098** / 1m/step]
008	Rotation:Fusing Drive Unit	*ENG	[0 to 9999999 / **913662** / 1m/step]
010	Count:Paper Transfer On-Off Drive Unit	*ENG	[0 to 9999999 / **1500000** / 1/step]
011	Page:Feed Drive Unit	*ENG	[0 to 9999999 / **3000000** / 1page/step]
012	Page:Registration Drive Unit	*ENG	[0 to 9999999 / **3000000** / 1page/step]

Main SP Tables-8

SP8-XXX (Data Log 2)

Many of these counters are provided for features that are currently not available, such as sending color faxes, and so on. However, here are some Group 8 codes that when used in combination with others, can provide useful information.

SP Numbers	What They Do
SP8211 to SP8216	The number of pages scanned to the document server.
SP8401 to SP8406	The number of pages printed from the document server
SP8691 to SP8696	The number of pages sent from the document server

Specifically, the following questions can be answered:

- How is the document server actually being used?
- What application is using the document server most frequently?
- What data in the document server is being reused?

Most of the SPs in this group are prefixed with a letter that indicates the mode of operation (the mode of operation is referred to as an "application"). Before reading the Group 8 Service Table, make sure that you understand what these prefixes mean.

Prefixes		What it means
T:	Total: (Grand Total).	Grand total of the items counted for all applications (C, F, P, etc.).
C:	Copy application.	Totals (pages, jobs, etc.) executed for each application when the job was not stored on the document server.
F:	Fax application.	
P:	Print application.	
S:	Scan application.	

L:	Local storage (document server)	Totals (jobs, pages, etc.) for the document server. The L: counters work differently case by case. Sometimes, they count jobs/pages stored on the document server; this can be in document server mode (from the document server window), or from another mode, such as from a printer driver or by pressing the Store File button in the Copy mode window. Sometimes, they include occasions when the user uses a file that is already on the document server. Each counter will be discussed case by case.
O:	Other applications (external network applications, for example)	Refers to network applications such as Web Image Monitor. Utilities developed with the SDK (Software Development Kit) will also be counted with this group in the future.

The Group 8 SP codes are limited to 17 characters, forced by the necessity of displaying them on the small LCDs of printers and faxes that also use these SPs. Read over the list of abbreviations below and refer to it again if you see the name of an SP that you do not understand.

Keys and abbreviations in Data Log 2

Abbreviation	What it means
/	"By", e.g. "T:Jobs/Apl" = Total Jobs "by" Application
>	More (2> "2 or more", 4> "4 or more"
AddBook	Address Book
Apl	Application
B/W	Black & White
Bk	Black
C	Cyan
ColCr	Color Create
ColMode	Color Mode
Comb	Combine
Comp	Compression

Abbreviation	What it means
Deliv	Delivery
DesApl	Designated Application. The application (Copy, Fax, Scan, Print) used to store the job on the document server, for example.
Dev Counter	Development Count, no. of pages developed.
Dup, Duplex	Duplex, printing on both sides
Emul	Emulation
FC	Full Color
FIN	Post-print processing, i.e. finishing (punching, stapling, etc.)
Full Bleed	No Margins
GenCopy	Generation Copy Mode
GPC	Get Print Counter. For jobs 10 pages or less, this counter does not count up. For jobs larger than 10 pages, this counter counts up by the number that is in excess of 10 (e.g., for an 11-page job, the counter counts up 11-10 =1)
IFax	Internet Fax
ImgEdt	Image Edit performed on the original with the copier GUI, e.g. border removal, adding stamps, page numbers, etc.
K	Black (YMCK)
LS	Local Storage. Refers to the document server.
LSize	Large (paper) Size
Mag	Magnification
MC	One color (monochrome)
NRS	New Remote Service, which allows a service center to monitor machines remotely. "NRS" is used overseas, "CSS" is used in Japan.
Org	Original for scanning
OrgJam	Original Jam

Abbreviation	What it means
Palm 2	Print Job Manager/Desk Top Editor: A pair of utilities that allows print jobs to be distributed evenly among the printers on the network, and allows files to moved around, combined, and converted to different formats.
PC	Personal Computer
PGS	Pages. A page is the total scanned surface of the original. Duplex pages count as two pages, and A3 simplex count as two pages if the A3/DLT counter SP is switched ON.
PJob	Print Jobs
Ppr	Paper
PrtJam	Printer (plotter) Jam
PrtPGS	Print Pages
R	Red (Toner Remaining). Applies to the wide format model A2 only. This machine is under development and currently not available.
Rez	Resolution
SC	Service Code (Error SC code displayed)
Scn	Scan
Sim, Simplex	Simplex, printing on 1 side.
S-to-Email	Scan-to-E-mail
SMC	SMC report printed with SP5990. All of the Group 8 counters are recorded in the SMC report.
Svr	Server
TonEnd	Toner End
TonSave	Toner Save
TXJob	Send, Transmission
YMC	Yellow, Magenta, Cyan
YMCK	Yellow, Magenta, Cyan, Black

↓Note

- All of the Group 8 SPs are able to reset by "SP5 801 1 Memory All Clear".

8001	[T:Total Jobs]	*CTL	These SPs count the number of times each application is used to do a job.
8002	[C:Total Jobs]	*CTL	[0 to 99999999 / - / 1]
8003	[F:Total Jobs]	*CTL	**Note**: The L: counter is the total number of times the other applications are used to send a job to the document server, plus the number of times a file already on the document server is used.
8004	[P:Total Jobs]	*CTL	
8005	[S:Total Jobs]	*CTL	
8006	[L:Total Jobs]	*CTL	

- These SPs reveal the number of times an application is used, not the number of pages processed.
- When an application is opened for image input or output, this counts as one job.
- Interrupted jobs (paper jams, etc.) are counted, even though they do not finish.
- Only jobs executed by the customer are counted. Jobs executed by the customer engineer using the SP modes are not counted.
- When using secure printing (when a password is required to start the print job), the job is counted at the time when either "Delete Data" or "Specify Output" is specified.
- A job is counted as a fax job when the job is stored for sending.
- When a fax is received to fax memory, the F: counter increments but the L: counter does not (the document server is not used).
- A fax broadcast counts as one job for the F: counter (the fax destinations in the broadcast are not counted separately).
- A fax broadcast is counted only after all the faxes have been sent to their destinations. If one transmission generates an error, then the broadcast will not be counted until the transmission has been completed.
- A printed fax report counts as one job for the F: counter.
- The F: counter does not distinguish between fax sending or receiving.
- When a copy job on the document server is printed, SP8022 also increments, and when a print job stored on the document server is printed, SP8024 also increments.
- When an original is both copied and stored on the document server, the C: and L: counters both increment.
- When a print job is stored on the document server, only the L: counter increments.
- When the user presses the Document Server button to store the job on the document server, only the L: counter increments.

2

- When the user enters document server mode and prints data stored on the document server, only the L: counter increments.
- When an image received from Palm 2 is received and stored, the L: counter increments.
- When the customer prints a report (user code list, for example), the O: counter increments. However, for fax reports and reports executed from the fax application, the F: counter increments.

8011	[T:Jobs/LS]	*CTL	These SPs count the number of jobs stored to the document server by each application, to reveal how local storage is being used for input. [0 to 9999999 / **0** / 1] The L: counter counts the number of jobs stored from within the document server mode screen at the operation panel.
8012	[C:Jobs/LS]	*CTL	
8013	[F:Jobs/LS]	*CTL	
8014	[P:Jobs/LS]	*CTL	
8015	[S:Jobs/LS]	*CTL	
8016	[L:Jobs/LS]	*CTL	
8017	[O:Jobs/LS]	*CTL	

- When a scan job is sent to the document server, the S: counter increments. When you enter document server mode and then scan an original, the L: counter increments.
- When a print job is sent to the document server, the P: counter increments.
- When a network application sends data to the document server, the O: counter increments.
- When an image from Palm 2 is stored on the document server, the O: counter increments.
- When a fax is sent to the document server, the F: counter increments.

8021	[T:Pjob/LS]	*CTL	These SPs reveal how files printed from the document server were stored on the document server originally. [0 to 9999999 / **0** / 1] The L: counter counts the number of jobs stored from within the document server mode screen at the operation panel.
8022	[C:Pjob/LS]	*CTL	
8023	[F:Pjob/LS]	*CTL	
8024	[P:Pjob/LS]	*CTL	
8025	[S:Pjob/LS]	*CTL	
8026	[L:Pjob/LS]	*CTL	
8027	[O:Pjob/LS]	*CTL	

- When a copy job stored on the document server is printed with another application, the C: counter increments.

- When an application like DeskTopBinder merges a copy job that was stored on the document server with a print job that was stored on the document server, the C: and P: counters both increment.

- When a job already on the document server is printed with another application, the L: counter increments.

- When a scanner job stored on the document server is printed with another application, the S: counter increments. If the original was scanned from within document server mode, then the L: counter increments.

- When images stored on the document server by a network application (including Palm 2), are printed with another application, the O: counter increments.

- When a copy job stored on the document server is printed with a network application (Web Image Monitor, for example), the C: counter increments.

- When a fax on the document server is printed, the F: counter increments.

8031	[T:Pjob/DesApl]	*CTL	
8032	[C:Pjob/DesApl]	*CTL	These SPs reveal what applications were used to output documents from the document server.
8033	[F:Pjob/DesApl]	*CTL	
8034	[P:Pjob/DesApl]	*CTL	[0 to 9999999 / **0** / 1]
8035	[S:Pjob/DesApl]	*CTL	The L: counter counts the number of jobs printed from within the document server mode screen at the operation panel.
8036	[L:Pjob/DesApl]	*CTL	
8037	[O:Pjob/DesApl]	*CTL	

- When documents already stored on the document server are printed, the count for the application that started the print job is incremented.

- When the print job is started from a network application (Desk Top Binder, Web Image Monitor, etc.) the L: counter increments.

8041	[T:TX Jobs/LS]	*CTL	These SPs count the applications that stored files on the document server that were later accessed for transmission over the telephone line or over a network (attached to an e-mail, or as a fax image by I-Fax). [0 to 9999999 / **0** / 1] **Note:** Jobs merged for sending are counted separately. The L: counter counts the number of jobs scanned from within the document server mode screen at the operation panel.
8042	[C:TX Jobs/LS]	*CTL	
8043	[F:TX Jobs/LS]	*CTL	
8044	[P:TX Jobs/LS]	*CTL	
8045	[S:TX Jobs/LS]	*CTL	
8046	[L:TX Jobs/LS]	*CTL	
8047	[O:TX Jobs/LS]	*CTL	

- When a stored copy job is sent from the document server, the C: counter increments.
- When images stored on the document server by a network application or Palm2 are sent as an e-mail, the O: counter increments.

8051	[T:TX Jobs/DesApl]	*CTL	These SPs count the applications used to send files from the document server over the telephone line or over a network (attached to an e-mail, or as a fax image by I-Fax). Jobs merged for sending are counted separately. [0 to 9999999 / **0** / 1] The L: counter counts the number of jobs sent from within the document server mode screen at the operation panel.
8052	[C:TX Jobs/DesApl]	*CTL	
8053	[F:TX Jobs/DesApl]	*CTL	
8054	[P:TX Jobs/DesApl]	*CTL	
8055	[S:TX Jobs/DesApl]	*CTL	
8056	[L:TX Jobs/DesApl]	*CTL	
8057	[O:TX Jobs/DesApl]	*CTL	

- If the send is started from Desk Top Binder or Web Image Monitor, for example, then the O: counter increments.

8061	[T:FIN Jobs]
	These SPs total the finishing methods. The finishing method is specified by the application.
8062	[P:FIN Jobs]
	These SPs total finishing methods for print jobs only. The finishing method is specified by the application.

8063	**[F:FIN Jobs]**		
	These SPs total finishing methods for fax jobs only. The finishing method is specified by the application. **Note:** Finishing features for fax jobs are not available at this time.		
8064	**[P:FIN Jobs]**		
	These SPs total finishing methods for print jobs only. The finishing method is specified by the application.		
8065	**[S:FIN Jobs]**		
	These SPs total finishing methods for scan jobs only. The finishing method is specified by the application. **Note**: Finishing features for scan jobs are not available at this time.		
8066	**[L:FIN Jobs]**		
	These SPs total finishing methods for jobs output from within the document server mode screen at the operation panel. The finishing method is specified from the print window within document server mode.		
8067	**[O:FIN Jobs]**		
	These SPs total finishing methods for jobs executed by an external application, over the network. The finishing method is specified by the application.		
001	Sort	*CTL	[0 to 9999999 / **0** / 1 / step]
	Number of jobs started in Sort mode.		
002	Stack	*CTL	[0 to 9999999 / **0** / 1 / step]
	Number of jobs started out of Sort mode.		
003	Staple	*CTL	[0 to 9999999 / **0** / 1 / step]
	Number of jobs started in Staple mode.		
004	Booklet	*CTL	[0 to 9999999 / **0** / 1 / step]
	Number of jobs started in Booklet mode. If the machine is in staple mode, the Staple counter also increments.		

005	Z-Fold	*CTL	[0 to 9999999 / **0** / 1 / step]
	Number of jobs started In any mode other than the Booklet mode and set for folding (Z-fold).		
006	Punch	*CTL	[0 to 9999999 / **0** / 1 / step]
	Number of jobs started in Punch mode. When Punch is set for a print job, the P: counter increments. (See SP8-064-6.)		
007	Other	*CTL	[0 to 9999999 / **0** / 1 / step]
	(Reserved)		
008	Inside-Flod	*CTL	[0 to 9999999 / **0** / 1 / step]
009	Three-In-Fold	*CTL	[0 to 9999999 / **0** / 1 / step]
010	Three-OUT-Fold	*CTL	[0 to 9999999 / **0** / 1 / step]
011	Four-Fold	*CTL	[0 to 9999999 / **0** / 1 / step]
012	KANNON-Fold	*CTL	[0 to 9999999 / **0** / 1 / step]
013	Perfect-Bind	*CTL	[0 to 9999999 / **0** / 1 / step]
014	Ring-Bind	*CTL	[0 to 9999999 / **0** / 1 / step]

8071	[T:Jobs/PGS]
	These SPs count the number of jobs broken down by the number of pages in the job, regardless of which application was used.
8072	[C:Jobs/PGS]
	These SPs count and calculate the number of copy jobs by size based on the number of pages in the job.
8073	[F:Jobs/PGS]
	These SPs count and calculate the number of fax jobs by size based on the number of pages in the job.
8074	[P:Jobs/PGS]
	These SPs count and calculate the number of print jobs by size based on the number of pages in the job.

8075		[S:Jobs/PGS]		
		These SPs count and calculate the number of scan jobs by size based on the number of pages in the job.		
8076		[L:Jobs/PGS]		
		These SPs count and calculate the number of jobs printed from within the document server mode window at the operation panel, by the number of pages in the job.		
8077		[O:Jobs/PGS]		
		These SPs count and calculate the number of "Other" application jobs (Web Image Monitor, Palm 2, etc.) by size based on the number of pages in the job.		
	001	1 Page	*CTL	[0 to 99999999 / **0** / 1 / step]
	002	2 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	003	3 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	004	4 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	005	5 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	006	6 to 10 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	007	11 to 20 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	008	21 to 50 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	009	51 to 100 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	010	101 to 300 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	011	301 to 500 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	012	501 to 700 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	013	701 to 1000 Pages	*CTL	[0 to 99999999 / **0** / 1 / step]
	014	1001 to Pages	*CTL	[0 to 99999999 / **0** / 1 / step]

- For example: When a copy job stored on the document server is printed in document server mode, the appropriate L: counter (SP8076 0xx) increments.
- Printing a fax report counts as a job and increments the F: counter (SP 8073).
- Interrupted jobs (paper jam, etc.) are counted, even though they do not finish.
- If a job is paused and re-started, it counts as one job.

- If the finisher runs out of staples during a print and staple job, then the job is counted at the time the error occurs.
- For copy jobs (SP 8072) and scan jobs (SP 8075), the total is calculated by multiplying the number of sets of copies by the number of pages scanned. (One duplex page counts as 2.)
- The first test print and subsequent test prints to adjust settings are added to the number of pages of the copy job (SP 8072).
- When printing the first page of a job from within the document server screen, the page is counted.

8111	[T:FAX TX Jobs]		
	These SPs count the total number of jobs (color or black-and-white) sent by fax, either directly or using a file stored on the document server, on a telephone line. **Note:** Color fax sending is not available at this time.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 / step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 / step]

8113	[F: FAX TX Jobs]		
	These SPs count the total number of jobs (color or black-and-white) sent by fax directly on a telephone line. **Note:** Color fax sending is not available at this time.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 / step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 / step]

- These counters count jobs, not pages.
- This SP counts fax jobs sent over a telephone line with a fax application, including documents stored on the document server.
- If the mode is changed during the job, the job will count with the mode set when the job started.
- If the same document is faxed to both a public fax line and an I-Fax at a destination where both are available, then this counter increments, and the I-Fax counter (8 12x) also increments.
- The fax job is counted when the job is scanned for sending, not when the job is sent.

8121	[T:IFAX TX Jobs]		
	These SPs count the total number of jobs (color or black-and-white) sent, either directly or using a file stored on the document server, as fax images using I-Fax. **Note:** Color fax sending is not available at this time.		

8123	[F: IFAX TX Jobs]		
	These SPs count the number of jobs (color or black-and-white) sent (not stored on the document server), as fax images using I-Fax. **Note:** Color fax sending is not available at this time.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 / step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 / step]

- These counters count jobs, not pages.
- The counters for color are provided for future use; the color fax feature is not available at this time.
- The fax job is counted when the job is scanned for sending, not when the job is sent.

8131	[T:S-to-Email Jobs]		
	These SPs count the total number of jobs (color or black-and-white) scanned and attached to an e-mail, regardless of whether the document server was used or not.		
8135	[S: S-to-Email Jobs]		
	These SPs count the number of jobs (color or black-and-white) scanned and attached to e-mail, without storing the original on the document server.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 / step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 / step]
003	ACS	*CTL	[0 to 9999999 / **0** / 1 / step]

- These counters count jobs, not pages.
- If the job is stored on the document server, after the job is stored it is determined to be color or black-and-white then counted.
- If the job is cancelled during scanning, or if the job is cancelled while the document is waiting to be sent, the job is not counted.
- If the job is cancelled during sending, it may or may not be counted, depending on what stage of the process had been reached when the job was cancelled.
- If several jobs are combined for sending to the Scan Router, Scan-to-Email, or Scan-to-PC, or if one job is sent to more than one destination. each send is counted separately. For example, if the same document is sent by Scan-to-Email as well as Scan-to-PC, then it is counted twice (once for Scan-to-Email and once for Scan-to-PC).

8141	[T:Deliv Jobs/Svr]		
	These SPs count the total number of jobs (color or black-and-white) scanned and sent to a Scan Router server.		
8145	[S: Deliv Jobs/Svr]		
	These SPs count the number of jobs (color or black-and-white) scanned in scanner mode and sent to a Scan Router server.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 / step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 / step]
003	ACS	*CTL	[0 to 9999999 / **0** / 1 / step]

- These counters count jobs, not pages.
- The jobs are counted even though the arrival and reception of the jobs at the Scan Router server cannot be confirmed.
- If even one color image is mixed with black-and-white images, then the job is counted as a "Color" job.
- If the job is cancelled during scanning, or if the job is cancelled while the document is waiting to be delivered, the job is not counted.
- If the job is cancelled during sending, it may or may not be counted, depending on what stage of the process had been reached when the job was cancelled.
- Even if several files are combined for sending, the transmission counts as one job.

8151	[T:Deliv Jobs/PC]		
	These SPs count the total number of jobs (color or black-and-white) scanned and sent to a folder on a PC (Scan-to-PC). **Note:** At the present time, 8 151 and 8 155 perform identical counts.		
8155	[S:Deliv Jobs/PC]		
	These SPs count the total number of jobs (color or black-and-white) scanned and sent with Scan-to-PC.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 / step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 / step]
003	ACS	*CTL	[0 to 9999999 / **0** / 1 / step]

- These counters count jobs, not pages.

- If the job is cancelled during scanning, it is not counted.

- If the job is cancelled while it is waiting to be sent, the job is not counted.

- If the job is cancelled during sending, it may or may not be counted, depending on what stage of the process had been reached when the job was cancelled.

- Even if several files are combined for sending, the transmission counts as one job.

| 8161 | [T:PCFAX TX Jobs] | *CTL | These SPs count the number of PC Fax transmission jobs. A job is counted from when it is registered for sending, not when it is sent. |
| 8163 | [F:PCFAX TX Jobs] | *CTL | [0 to 9999999 / **0** / 1 / step]
Note: At the present time, these counters perform identical counts. |

- This counts fax jobs started from a PC using a PC fax application, and sending the data out to the destination from the PC through the copier.

8171	[T:Deliv Jobs/WSD]		
	These SPs count the pages scanned by WS.		
8175	[S:Deliv Jobs/WSD]		
	These SPs count the pages scanned by WS.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 / step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 / step]
003	ACS	*CTL	[0 to 9999999 / **0** / 1 / step]

8181	[T:Scan to Media Jobs]		
	These SPs count the scanned pages in a media by the scanner application.		
8185	[S:Scan to Media Jobs]		
	These SPs count the scanned pages in a media by the scanner application.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 / step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 / step]
003	ACS	*CTL	[0 to 9999999 / **0** / 1 / step]

8191	[T:Total Scan PGS]	*CTL	These SPs count the pages scanned by each application that uses the scanner to scan images. [0 to 9999999 / **0** / 1]
8192	[C:Total Scan PGS]	*CTL	
8193	[F:Total Scan PGS]	*CTL	
8195	[S:Total Scan PGS]	*CTL	
8196	[L:Total Scan PGS]	*CTL	

- SP 8 191 to 8 196 count the number of scanned sides of pages, not the number of physical pages.

- These counters do not count reading user stamp data, or reading color charts to adjust color.

- Previews done with a scanner driver are not counted.

- A count is done only after all images of a job have been scanned.

- Scans made in SP mode are not counted.

Examples

- If 3 B5 pages and 1 A3 page are scanned with the scanner application but not stored, the S: count is 4.

- If both sides of 3 A4 sheets are copied and stored to the document server using the Store File button in the Copy mode window, the C: count is 6 and the L: count is 6.

- If both sides of 3 A4 sheets are copied but not stored, the C: count is 6.

- If you enter document server mode then scan 6 pages, the L: count is 6.

8201	[T:LSize Scan PGS]	*CTL	[0 to 9999999 / **0** / 1 / step]
	These SPs count the total number of large pages input with the scanner for scan and copy jobs. Large size paper (A3/DLT) scanned for fax transmission are not counted. **Note:** These counters are displayed in the SMC Report, and in the User Tools display.		
8203	[F: LSize Scan PGS]	*CTL	[0 to 9999999 / **0** / 1 / step]
	These SPs count the total number of large pages input with the scanner for fax transmission. **Note:** These counters are displayed in the SMC Report, and in the User Tools display.		
8205	[S:LSize Scan PGS]	*CTL	[0 to 9999999 / **0** / 1 / step]
	These SPs count the total number of large pages input with the scanner for scan jobs only. Large size paper (A3/DLT) scanned for fax transmission are not counted. **Note:** These counters are displayed in the SMC Report, and in the User Tools display.		

8211	[T:Scan PGS/LS]	*CTL	These SPs count the number of pages scanned into the document server.
8212	[C:Scan PGS/LS]	*CTL	[0 to 9999999 / **0** / 1]
8213	[F:Scan PGS/LS]	*CTL	The L: counter counts the number of pages stored from within the document server mode
8215	[S:Scan PGS/LS]	*CTL	screen at the operation panel, and with the Store File button from within the Copy mode
8216	[L:Scan PGS/LS]	*CTL	screen

- Reading user stamp data is not counted.
- If a job is cancelled, the pages output as far as the cancellation are counted.
- If the scanner application scans and stores 3 B5 sheets and 1 A4 sheet, the S: count is 4.
- If pages are copied but not stored on the document server, these counters do not change.
- If both sides of 3 A4 sheets are copied and stored to the document server, the C: count is 6 and the L: count is 6.
- If you enter document server mode then scan 6 pages, the L: count is 6.

8221	**[ADF Org Feeds]**		
	These SPs count the number of pages fed through the ADF for front and back side scanning.		
001	Front	*CTL	[0 to 9999999 / **0** / 1 / step]
	Number of front sides fed for scanning: With an ADF that can scan both sides simultaneously, the Front side count is the same as the number of pages fed for either simplex or duplex scanning. With an ADF that cannot scan both sides simultaneously, the Front side count is the same as the number of pages fed for duplex front side scanning. (The front side is determined by which side the user loads face up.)		
002	Back	*CTL	[0 to 9999999 / **0** / 1 / step]
	Number of rear sides fed for scanning: With an ADF that can scan both sides simultaneously, the Back count is the same as the number of pages fed for duplex scanning. With an ADF that cannot scan both sides simultaneously, the Back count is the same as the number of pages fed for duplex rear-side scanning.		

- When 1 sheet is fed for duplex scanning the Front count is 1 and the Back count is 1.

- If a jam occurs during the job, recovery processing is not counted to avoid double counting. Also, the pages are not counted if the jam occurs before the first sheet is output.

8231	[Scan PGS/Mode]		
	These SPs count the number of pages scanned by each ADF mode to determine the work load on the ADF.		
001	Large Volume	*CTL	[0 to 9999999 / 0 / 1 / step]
	Selectable. Large copy jobs that cannot be loaded in the ADF at one time.		
002	SADF	*CTL	[0 to 9999999 / 0 / 1 / step]
	Selectable. Feeding pages one by one through the ADF.		
003	Mixed Size	*CTL	[0 to 9999999 / 0 / 1 / step]
	Selectable. Select "Mixed Sizes" on the operation panel.		
004	Custom Size	*CTL	[0 to 9999999 / 0 / 1 / step]
	Selectable. Originals of non-standard size.		
005	Platen	*CTL	[0 to 9999999 / 0 / 1 / step]
	Book mode. Raising the ADF and placing the original directly on the platen.		
006	Mixed 1side/ 2side	*CTL	[0 to 9999999 / 0 / 1 / step]
	Simplex and Duplex mode.		

- If the scan mode is changed during the job, for example, if the user switches from ADF to Platen mode, the count is done for the last selected mode.

- The user cannot select mixed sizes or non-standard sizes with the fax application so if the original's page sizes are mixed or non-standard, these are not counted.

- If the user selects "Mixed Sizes" for copying in the platen mode, the Mixed Size count is enabled.

- In the SADF mode if the user copies 1 page in platen mode and then copies 2 pages with SADF, the Platen count is 1 and the SADF count is 3.

8241	[T:Scan PGS/Org]	*CTL	[0 to 9999999 / 0 / 1 / step
	These SPs count the total number of scanned pages by original type for all jobs, regardless of which application was used.		

8242	[C:Scan PGS/Org]	*CTL	[0 to 9999999 / **0** / 1 / step
	These SPs count the number of pages scanned by original type for Copy jobs.		

8243	[F:Scan PGS/Org]	*CTL	[0 to 9999999 / **0** / 1 / step
	These SPs count the number of pages scanned by original type for Fax jobs.		

8245	[S:Scan PGS/Org]	*CTL	[0 to 9999999 / **0** / 1 / step
	These SPs count the number of pages scanned by original type for Scan jobs.		

8246	[L:Scan PGS/Org]	*CTL	[0 to 9999999 / **0** / 1 / step
	These SPs count the number of pages scanned and stored from within the document server mode screen at the operation panel, and with the Store File button from within the Copy mode screen		

		8241	8242	8243	8245	8246
001	Text	Yes	Yes	Yes	Yes	Yes
002	Text/Photo	Yes	Yes	Yes	Yes	Yes
003	Photo	Yes	Yes	Yes	Yes	Yes
004	GenCopy, Pale	Yes	Yes	No	Yes	Yes
005	Map	Yes	Yes	No	Yes	Yes
006	Normal/Detail	Yes	No	Yes	No	No
007	Fine/Super Fine	Yes	No	Yes	No	No
008	Binary	Yes	No	No	Yes	No
009	Grayscale	Yes	No	No	Yes	No
010	Color	Yes	No	No	Yes	No
011	Other	Yes	Yes	Yes	Yes	Yes

- If the scan mode is changed during the job, for example, if the user switches from ADF to Platen mode, the count is done for the last selected mode.

8251	[T:Scan PGS/ImgEdt]	*CTL	These SPs show how many times Image Edit features have been selected at the operation panel for each application. Some examples of these editing features are:
8252	[C:Scan PGS/ImgEdt]	*CTL	Erase> Border
8254	[P:Scan PGS/ImgEdt]	*CTL	Erase> Center
8255	[S:Scan PGS/ImgEdr]	*CTL	Image Repeat
8256	[L:Scan PGS/ImgEdt]	*CTL	
8257	[O:Scan PGS/ImgEdt]	*CTL	Centering
			Positive/Negative
			[0 to 9999999 / **0** / 1 / step]
			Note: The count totals the number of times the edit features have been used. A detailed breakdown of exactly which features have been used is not given.

The L: counter counts the number of pages stored from within the document server mode screen at the operation panel, and with the Store File button from within the Copy mode screen.

8261	[T:Scan PGS/ColCr]		
8262	[C:Scan PGS/ ColCr]		
8265	[S:Scn PGS/Color]		
8266	[L:Scn PGS/ColCr]		
	These SPs show how many times color creation features have been selected at the operation panel.		
001	Color Conversion	*CTL	[0 to 9999999 / **0** / 1 / step]
002	Color Erase	*CTL	[0 to 9999999 / **0** / 1 / step]
003	Background	*CTL	[0 to 9999999 / **0** / 1 / step]
004	Other	*CTL	[0 to 9999999 / **0** / 1 / step]

8281	[T:Scan PGS/TWAIN]	*CTL	These SPs count the number of pages scanned using a TWAIN driver. These counters reveal how the TWAIN driver is used for delivery functions.
8285	[S:Scan PGS/TWAIN]	*CTL	[0 to 9999999 / **0** / 1 / step] **Note:** At the present time, these counters perform identical counts.

8291	[T:Scan PGS/Stamp]	*CTL	These SPs count the number of pages stamped with the stamp in the ADF unit.
8293	[F:Scan PGS/Stamp]	*CTL	[0 to 9999999 / **0** / 1 / step]
8295	[S:Scan PGS/Stamp]	*CTL	The L: counter counts the number of pages stored from within the document server mode screen at the operation panel, and with the Store File button from within the Copy mode screen

8301	[T:Scan PGS/Size] These SPs count by size the total number of pages scanned by all applications. Use these totals to compare original page size (scanning) and output (printing) page size [SP 8-441].
8302	[C:Scan PGS/Size] These SPs count by size the total number of pages scanned by the Copy application. Use these totals to compare original page size (scanning) and output (printing) page size [SP 8-442].
8303	[F:Scan PGS/Size] These SPs count by size the total number of pages scanned by the Fax application. Use these totals to compare original page size (scanning) and output page size [SP 8-443].
8305	[S:Scan PGS/Size] These SPs count by size the total number of pages scanned by the Scan application. Use these totals to compare original page size (scanning) and output page size [SP 8-445].

8306	[L:Scan PGS/Size]		
	These SPs count by size the total number of pages scanned and stored from within the document server mode screen at the operation panel, and with the Store File button from within the Copy mode screen. Use these totals to compare original page size (scanning) and output page size [SP 8-446].		
001	A3	*CTL	[0 to 9999999 / **0** / 1 / step]
002	A4	*CTL	[0 to 9999999 / **0** / 1 / step]
003	A5	*CTL	[0 to 9999999 / **0** / 1 / step]
004	B4	*CTL	[0 to 9999999 / **0** / 1 / step]
005	B5	*CTL	[0 to 9999999 / **0** / 1 / step]
006	DLT	*CTL	[0 to 9999999 / **0** / 1 / step]
007	LG	*CTL	[0 to 9999999 / **0** / 1 / step]
008	LT	*CTL	[0 to 9999999 / **0** / 1 / step]
009	HLT	*CTL	[0 to 9999999 / **0** / 1 / step]
010	Full Bleed	*CTL	[0 to 9999999 / **0** / 1 / step]
254	Other (Standard)	*CTL	[0 to 9999999 / **0** / 1 / step]
255	Other (Custom)	*CTL	[0 to 9999999 / **0** / 1 / step]

8311	T:Scan PGS/Rez	*CTL	[0 to 9999999/ 0 / 1]
	These SPs count by resolution setting the total number of pages scanned by applications that can specify resolution settings.		
8315	S: Scan PGS/Rez	*CTL	[0 to 9999999/ 0 / 1]
	These SPs count by resolution setting the total number of pages scanned by applications that can specify resolution settings. Note: At the present time, SP8-311 and SP8-315 perform identical counts.		
001	1200dpi <	*CTL	[0 to 9999999 / **0** / 1 / step]
002	600dpi to 1199dpi	*CTL	[0 to 9999999 / **0** / 1 / step]
003	400dpi to 599dpi	*CTL	[0 to 9999999 / **0** / 1 / step]

004	200dpi to 399dpi	*CTL	[0 to 9999999 / **0** / 1 / step]
005	< 199dpi	*CTL	[0 to 9999999 / **0** / 1 / step]

- Copy resolution settings are fixed so they are not counted.
- The Fax application does not allow finely-adjusted resolution settings so no count is done for the Fax application.

8381	[T:Total PrtPGS]	*CTL	These SPs count the number of pages printed by the customer. The counter for the application used for storing the pages increments. [0 to 99999999 / **0** / 1 / step]
8382	[C:Total PrtPGS]	*CTL	
8383	[F:Total PrtPGS]	*CTL	
8384	[P:Total PrtPGS]	*CTL	
8385	[S:Total PrtPGS]	*CTL	
8386	[L:Total PrtPGS]	*CTL	
8387	[O:Total PrtPGS]	*CTL	

- When the A3/DLT double count function is switched on with SP5104, 1 A3/DLT page is counted as 2.
- When several documents are merged for a print job, the number of pages stored are counted for the application that stored them.
- These counters are used primarily to calculate charges on use of the machine, so the following pages are not counted as printed pages:
  - Blank pages in a duplex printing job.
  - Blank pages inserted as document covers, chapter title sheets, and slip sheets.
  - Reports printed to confirm counts.
  - All reports done in the service mode (service summaries, engine maintenance reports, etc.)
  - Test prints for machine image adjustment.
  - Error notification reports.
  - Partially printed pages as the result of a copier jam.

8391	LSize PrtPGS	*CTL	[0 to 99999999 / **0** / 1 / step]
	These SPs count pages printed on paper sizes A3/DLT and larger. **Note:** In addition to being displayed in the SMC Report, these counters are also displayed in the User Tools display on the copy machine.		

8401	[T:PrtPGS/LS]	*CTL	These SPs count the number of pages printed from the document server. The counter for the application used to print the pages is incremented.
8402	[C:PrtPGS/LS]	*CTL	
8403	[F:PrtPGS/LS]	*CTL	
8404	[P:PrtPGS/LS]	*CTL	The L: counter counts the number of jobs stored from within the document server mode screen at the operation panel.
8405	[S:PrtPGS/LS]	*CTL	
8406	[L:PrtPGS/LS]	*CTL	[0 to 9999999 / 0 / 1 / step]

- Print jobs done with Web Image Monitor and Desk Top Binder are added to the L: count.

- Fax jobs done with Web Image Monitor and Desk Top Binder are added to the F: count.

8411	Prints/Duplex	*CTL	This SP counts the amount of paper (front/back counted as 1 page) used for duplex printing. Last pages printed only on one side are not counted. [0 to 99999999 / 0 / 1]

8421	[T:PrtPGS/Dup Comb]
	These SPs count by binding and combine, and n-Up settings the number of pages processed for printing. This is the total for all applications.
8422	[C:PrtPGS/Dup Comb]
	These SPs count by binding and combine, and n-Up settings the number of pages processed for printing by the copier application.
8423	[F:PrtPGS/Dup Comb]
	These SPs count by binding and combine, and n-Up settings the number of pages processed for printing by the fax application.
8424	[P:PrtPGS/Dup Comb]
	These SPs count by binding and combine, and n-Up settings the number of pages processed for printing by the printer application.
8425	[S:PrtPGS/Dup Comb]
	These SPs count by binding and combine, and n-Up settings the number of pages processed for printing by the scanner application.

8426	[L:PrtPGS/Dup Comb]		
	These SPs count by binding and combine, and n-Up settings the number of pages processed for printing from within the document server mode window at the operation panel.		
8427	[O:PrtPGS/Dup Comb]		
	These SPs count by binding and combine, and n-Up settings the number of pages processed for printing by Other applications		
001	Simplex> Duplex	*CTL	[0 to 99999999 / **0** / 1 / step]
002	Duplex> Duplex	*CTL	[0 to 99999999 / **0** / 1 / step]
003	Book> Duplex	*CTL	[0 to 99999999 / **0** / 1 / step]
004	Simplex Combine	*CTL	[0 to 99999999 / **0** / 1 / step]
005	Duplex Combine	*CTL	[0 to 99999999 / **0** / 1 / step]
006	2in1	*CTL	[0 to 99999999 / **0** / 1 / step]
	2 pages on 1 side (2-Up)		
007	4 in1	*CTL	[0 to 99999999 / **0** / 1 / step]
	4 pages on 1 side (4-Up)		
008	6 in1	*CTL	[0 to 99999999 / **0** / 1 / step]
	6 pages on 1 side (6-Up)		
009	8 in1	*CTL	[0 to 99999999 / **0** / 1 / step]
	8 pages on 1 side (8-Up)		
010	9 in1	*CTL	[0 to 99999999 / **0** / 1 / step]
	9 pages on 1 side (9-Up)		
011	16 in1	*CTL	[0 to 99999999 / **0** / 1 / step]
	16 pages on 1 side (16-Up)		
012	Booklet	*CTL	[0 to 99999999 / **0** / 1 / step]
013	Magazine	*CTL	[0 to 99999999 / **0** / 1 / step]
014	2-in-1 + Booklet	*CTL	[0 to 99999999 / **0** / 1 / step]

015	4-in-1 + Booklet	*CTL	[0 to 99999999 / **0** / 1 / step]
016	6-in-1 + Booklet	*CTL	[0 to 99999999 / **0** / 1 / step]
017	8-in-1 + Booklet	*CTL	[0 to 99999999 / **0** / 1 / step]
018	9-in-1 + Booklet	*CTL	[0 to 99999999 / **0** / 1 / step]
019	2-in-1 + Magazine	*CTL	[0 to 99999999 / **0** / 1 / step]
020	4-in-1 + Magazine	*CTL	[0 to 99999999 / **0** / 1 / step]
021	6-in-1 + Magazine	*CTL	[0 to 99999999 / **0** / 1 / step]
022	8-in-1 + Magazine	*CTL	[0 to 99999999 / **0** / 1 / step]
023	9-in-1 + Magazine	*CTL	[0 to 99999999 / **0** / 1 / step]
024	16-in-1 + Magazine	*CTL	[0 to 99999999 / **0** / 1 / step]

- These counts (SP8 421 to SP8 427) are especially useful for customers who need to improve their compliance with ISO standards for the reduction of paper consumption.

- Pages that are only partially printed with the n-Up functions are counted as 1 page.

- Here is a summary of how the counters work for Booklet and Magazine modes:

Booklet		Magazine	
Original Pages	Count	Original Pages	Count
1	1	1	1
2	2	2	2
3	2	3	2
4	2	4	2
5	3	5	4
6	4	6	4
7	4	7	4
8	4	8	4

8431	**[T:PrtPGS/ImgEdt]**		
	These SPs count the total number of pages output with the three features below, regardless of which application was used.		
8432	**[C:PrtPGS/ImgEdt]**		
	These SPs count the total number of pages output with the three features below with the copy application.		
8434	**[P:PrtPGS/ImgEdt]**		
	These SPs count the total number of pages output with the three features below with the print application.		
8436	**[L:PrtPGS/ImgEdt]**		
	These SPs count the total number of pages output from within the document server mode window at the operation panel with the three features below.		
8437	**[O:PrtPGS/ImgEdt]**		
	These SPs count the total number of pages output with the three features below with Other applications.		
001	Cover/Slip Sheet	*CTL	[0 to 99999999 / **0** / 1 / step]
	Total number of covers or slip sheets inserted. The count for a cover printed on both sides counts 2.		
002	Series/Book	*CTL	[0 to 99999999 / **0** / 1 / step]
	The number of pages printed in series (one side) or printed as a book with booklet right/left pagination.		
003	User Stamp	*CTL	[0 to 99999999 / **0** / 1 / step]
	The number of pages printed where stamps were applied, including page numbering and date stamping.		

8441	**[T:PrtPGS/Ppr Size]**
	These SPs count by print paper size the number of pages printed by all applications.
8442	**[C:PrtPGS/Ppr Size]**
	These SPs count by print paper size the number of pages printed by the copy application.

8443	[F:PrtPGS/Ppr Size]			
	These SPs count by print paper size the number of pages printed by the fax application.			
8444	[P:PrtPGS/Ppr Size]			
	These SPs count by print paper size the number of pages printed by the printer application.			
8445	[S:PrtPGS/Ppr Size]			
	These SPs count by print paper size the number of pages printed by the scanner application.			
8446	[L:PrtPGS/Ppr Size]			
	These SPs count by print paper size the number of pages printed from within the document server mode window at the operation panel.			
8447	[O:PrtPGS/Ppr Size]			
	These SPs count by print paper size the number of pages printed by Other applications.			
001	A3	*CTL	[0 to 99999999 / **0** / 1 / step]	
002	A4	*CTL	[0 to 99999999 / **0** / 1 / step]	
003	A5	*CTL	[0 to 99999999 / **0** / 1 / step]	
004	B4	*CTL	[0 to 99999999 / **0** / 1 / step]	
005	B5	*CTL	[0 to 99999999 / **0** / 1 / step]	
006	DLT	*CTL	[0 to 99999999 / **0** / 1 / step]	
007	LG	*CTL	[0 to 99999999 / **0** / 1 / step]	
008	LT	*CTL	[0 to 99999999 / **0** / 1 / step]	
009	HLT	*CTL	[0 to 99999999 / **0** / 1 / step]	
010	Full Bleed	*CTL	[0 to 99999999 / **0** / 1 / step]	
254	Other (Standard)	*CTL	[0 to 99999999 / **0** / 1 / step]	
255	Other (Custom)	*CTL	[0 to 99999999 / **0** / 1 / step]	

- These counters do not distinguish between LEF and SEF.

8451	[PrtPGS/Ppr Tray]		
	These SPs count the number of sheets fed from each paper feed station.		
001	Bypass Tray	*CTL	Bypass Tray [0 to 99999999 / 0 / 1 / step]
002	Tray 1	*CTL	Copier
003	Tray 2	*CTL	[0 to 99999999 / 0 / 1 / step]
004	Tray 3	*CTL	Paper Tray Unit (Option)
005	Tray 4	*CTL	[0 to 99999999 / 0 / 1 / step]
006	Tray 5	*CTL	LCT (Option) [0 to 99999999 / 0 / 1 / step]
007	Tray 6	*CTL	Currently not used.
008	Tray 7	*CTL	Currently not used.
009	Tray 8	*CTL	Currently not used.
010	Tray 9	*CTL	Currently not used.
011	Tray 10	*CTL	Currently not used.
012	Tray 11	*CTL	Currently not used.
013	Tray 12	*CTL	Currently not used.
014	Tray 13	*CTL	Currently not used.
015	Tray 14	*CTL	Currently not used.
016	Tray 15	*CTL	Currently not used.

2

8461	**[T:PrtPGS/Ppr Type]**		
	These SPs count by paper type the number pages printed by all applications. • These counters are not the same as the PM counter. The PM counter is based on feed timing to accurately measure the service life of the feed rollers. However, these counts are based on output timing. • Blank sheets (covers, chapter covers, slip sheets) are also counted. • During duplex printing, pages printed on both sides count as 1, and a page printed on one side counts as 1.		
8462	**[C:PrtPGS/Ppr Type]**		
	These SPs count by paper type the number pages printed by the copy application.		
8463	**[F:PrtPGS/Ppr Type]**		
	These SPs count by paper type the number pages printed by the fax application.		
8464	**[P:PrtPGS/Ppr Type]**		
	These SPs count by paper type the number pages printed by the printer application.		
8466	**[L:PrtPGS/Ppr Type]**		
	These SPs count by paper type the number pages printed from within the document server mode window at the operation panel.		
001	Normal	*CTL	[0 to 99999999 / **0** / 1 / step]
002	Recycled	*CTL	[0 to 99999999 / **0** / 1 / step]
003	Special	*CTL	[0 to 99999999 / **0** / 1 / step]
004	Thick	*CTL	[0 to 99999999 / **0** / 1 / step]
005	Normal (Back)	*CTL	[0 to 99999999 / **0** / 1 / step]
006	Thick (Back)	*CTL	[0 to 99999999 / **0** / 1 / step]
007	OHP	*CTL	[0 to 99999999 / **0** / 1 / step]
008	Other	*CTL	[0 to 99999999 / **0** / 1 / step]

8471	**[PrtPGS/Mag]**
	These SPs count by magnification rate the number of pages printed.

	001	< 49%	*CTL	
	002	50% to 99%	*CTL	
	003	100%	*CTL	[0 to 99999999 / **0** / 1 / step]
	004	101% to 200%	*CTL	
	005	201% <	*CTL	

Counts are done for magnification adjusted for pages, not only on the operation panel but performed remotely with an external network application capable of performing magnification adjustment as well.

Magnification adjustments done with printer drivers with PC applications such as Excel are also counted.

Magnification adjustments done for adjustments after they have been stored on the document server are not counted.

Magnification adjustments performed automatically during Auto Reduce/Enlarge copying are counted.

The magnification rates of blank cover sheets, slip sheets, etc. are automatically assigned a rate of 100%.

8481	[T:PrtPGS/TonSave]	*CTL	[0 to 99999999 / **0** / 1 / step]
8484	[P:PrtPGS/TonSave]	*CTL	
	These SPs count the number of pages printed with the Toner Save feature switched on. **Note:** These SPs return the same results as this SP is limited to the Print application.		

8491	[T:PrtPGS/Col Mode]		
8492	[C:PrtPGS/Col Mode]		
8493	[F:PrtPGS/Col Mode]		
8496	[L:PrtPGS/Col Mode]		
8497	[O:PrtPGS/Col Mode]		
	001	B/W	*CTL	
	002	Single Color	*CTL	These SPs count the number of pages printed in the Color Mode by each application.
	003	Two Color	*CTL	
	004	Full Color	*CTL	

8501	[T:PrtPGS/Col Mode]		
8504	[P:PrtPGS/Col Mode]		
8507	[O:PrtPGS/Col Mode]		
001	B/W	*CTL	These SPs count the number of pages printed in the Color Mode by the print application.
002	Mono Color	*CTL	
003	Full Color	*CTL	
004	Single Color	*CTL	
005	Two Color	*CTL	

8511	[T:PrtPGS/Emul]		
	These SPs count by printer emulation mode the total number of pages printed.		
8514	[P:PrtPGS/Emul]		
	These SPs count by printer emulation mode the total number of pages printed.		
001	RPCS	*CTL	[0 to 99999999 / **0** / 1 / step]
002	RPDL	*CTL	[0 to 99999999 / **0** / 1 / step]
003	PS3	*CTL	[0 to 99999999 / **0** / 1 / step]
004	R98	*CTL	[0 to 99999999 / **0** / 1 / step]
005	R16	*CTL	[0 to 99999999 / **0** / 1 / step]
006	GL/GL2	*CTL	[0 to 99999999 / **0** / 1 / step]
007	R55	*CTL	[0 to 99999999 / **0** / 1 / step]
008	RTIFF	*CTL	[0 to 99999999 / **0** / 1 / step]
009	PDF	*CTL	[0 to 99999999 / **0** / 1 / step]
010	PCL5e/5c	*CTL	[0 to 99999999 / **0** / 1 / step]
011	PCL XL	*CTL	[0 to 99999999 / **0** / 1 / step]
012	IPDL-C	*CTL	[0 to 99999999 / **0** / 1 / step]
013	BM-Links	*CTL	Japan Only

	014	Other	*CTL	[0 to 99999999 / **0** / 1 / step]
	015	IPDS	*CTL	[0 to 99999999 / **0** / 1 / step]

- SP8 511 and SP8 514 return the same results as they are both limited to the Print application.

- Print jobs output to the document server are not counted.

8521	**[T:PrtPGS/FIN]**
	These SPs count by finishing mode the total number of pages printed by all applications.

8522	**[C:PrtPGS/FIN]**
	These SPs count by finishing mode the total number of pages printed by the Copy application.

8523	**[F:PrtPGS/FIN]**
	These SPs count by finishing mode the total number of pages printed by the Fax application.
	NOTE: Print finishing options for received faxes are currently not available.

8524	**[P:PrtPGS/FIN]**
	These SPs count by finishing mode the total number of pages printed by the Print application.

8525	**[S:PrtPGS/FIN]**
	These SPs count by finishing mode the total number of pages printed by the Scanner application.

8526	**[L:PrtPGS/FIN]**
	These SPs count by finishing mode the total number of pages printed from within the document server mode window at the operation panel.

	001	Sort	*CTL	[0 to 99999999 / **0** / 1 / step]
	002	Stack	*CTL	[0 to 99999999 / **0** / 1 / step]
	003	Staple	*CTL	[0 to 99999999 / **0** / 1 / step]
	004	Booklet	*CTL	[0 to 99999999 / **0** / 1 / step]
	005	Z-Fold	*CTL	[0 to 99999999 / **0** / 1 / step]
	006	Punch	*CTL	[0 to 99999999 / **0** / 1 / step]

007	Other		*CTL	[0 to 99999999 / **0** / 1 / step]
008	Inside Fold		*CTL	[0 to 99999999 / **0** / 1 / step]
	Half-Fold (FM2) (Multi Fold Unit)			
009	Three-IN-Fold		*CTL	[0 to 99999999 / **0** / 1 / step]
	Letter Fold-in (FM4) (Multi Fold Unit)			
010	Three-OUT-Fold		*CTL	[0 to 99999999 / **0** / 1 / step]
	Letter Fold-out (FM3) (Multi Fold Unit)			
011	Four Fold		*CTL	[0 to 99999999 / **0** / 1 / step]
	Double Parallel Fold (FM5) (Multi Fold Unit)			
012	KANNON-Fold		*CTL	[0 to 99999999 / **0** / 1 / step]
	Gate Fold (FM6) (Multi Fold Unit)			
013	Perfect-Bind		*CTL	[0 to 99999999 / **0** / 1 / step]
	Perfect Binder			
014	Ring-Bind		*CTL	[0 to 99999999 / **0** / 1 / step]
	Ring Binder			

Note

- If stapling is selected for finishing and the stack is too large for stapling, the unstapled pages are still counted.
- The counts for staple finishing are based on output to the staple tray, so jam recoveries are counted.

8531	[Staples]	*CTL	This SP counts the amount of staples used by the machine. [0 to 9999999 / **0** / 1 / step]

8551	[T:FIN Books]		
001	Perfect-Bind	*CTL	Booklet finishing
002	Ring-Bind	*CTL	Not used

8552	[C:FIN Books]		
001	Perfect-Bind	*CTL	Booklet finishing
002	Ring-Bind	*CTL	Not used

8554	[P:FIN Books]		
001	Perfect-Bind	*CTL	Booklet finishing
002	Ring-Bind	*CTL	Not used

8556	[L:FIN Books]		
001	Perfect-Bind	*CTL	Booklet finishing
002	Ring-Bind	*CTL	Not used

8561	[T:A Sheet Of Paper]		
001	Total: Over A3/DLT	*CTL	
002	Total: Under A3/DLT	*CTL	[0 to 99999999 / **0** / 1]
003	Duplex: Over A3/DLT	*CTL	
004	Duplex: Under A3/DLT	*CTL	

8562	[C:A Sheet Of Paper]		
001	Total: Over A3/DLT	*CTL	
002	Total: Under A3/DLT	*CTL	[0 to 99999999 / **0** / 1]
003	Duplex: Over A3/DLT	*CTL	
004	Duplex: Under A3/DLT	*CTL	

8563	[F:A Sheet Of Paper]

	001	Total: Over A3/DLT	*CTL	[0 to 99999999 / **0** / 1]
	002	Total: Under A3/DLT	*CTL	
	003	Duplex: Over A3/DLT	*CTL	
	004	Duplex: Under A3/DLT	*CTL	

8564		[P:A Sheet Of Paper]		
	001	Total: Over A3/DLT	*CTL	[0 to 99999999 / **0** / 1]
	002	Total: Under A3/DLT	*CTL	
	003	Duplex: Over A3/DLT	*CTL	
	004	Duplex: Under A3/DLT	*CTL	

8566		[L:A Sheet Of Paper]		
	001	Total: Over A3/DLT	*CTL	[0 to 99999999 / **0** / 1]
	002	Total: Under A3/DLT	*CTL	
	003	Duplex: Over A3/DLT	*CTL	
	004	Duplex: Under A3/DLT	*CTL	

8567		[O:A Sheet Of Paper]		
	001	Total: Over A3/DLT	*CTL	[0 to 99999999 / **0** / 1]
	002	Total: Under A3/DLT	*CTL	
	003	Duplex: Over A3/DLT	*CTL	
	004	Duplex: Under A3/DLT	*CTL	

8581	[T:Counter]
	These SPs count the total output broken down by color output, regardless of the application used. In addition to being displayed in the SMC Report, these counters are also displayed in the User Tools display on the copy machine.

001	Total	*CTL	
002	Total: Full Color	*CTL	[0 to 99999999 / 0 / 1]
003	B&W/Single Color	*CTL	
004	Development: CMY	*CTL	
005	Development: K	*CTL	
008	Print: Color	*CTL	
009	Print: B/W	*CTL	
010	Total: Color	*CTL	
011	Total: B/W	*CTL	[0 to 99999999 / 0 / 1]
012	Full Color: A3	*CTL	
013	Full Color: -B4	*CTL	
014	Full Color Print	*CTL	
015	Mono Color Print	*CTL	
017	Twin Color Mode Print	*CTL	
018	Full Color Print (Twin)	*CTL	
019	Mono Color Print (Twin)	*CTL	
020	Full Color Total (CV)	*CTL	
021	Mono Color Total (CV)	*CTL	[0 to 99999999 / 0 / 1]
022	Full Color Print (CV)	*CTL	
023	Eco Color Print (FC)	*CTL	
024	Eco Color Print (Bk)	*CTL	
025	Total: Color (Eco Bk)	*CTL	
026	Total: B/W (Eco Bk)	*CTL	

027	Total: Color (Eco FC)	*CTL	
028	Development: CMY (A3)	*CTL	
029	Development: K (A3)	*CTL	[0 to 99999999 / **0** / 1]
030	Total: Color (A3)	*CTL	
031	Total: B/W (A3)	*CTL	

8582	[C:Counter]		
	These SPs count the total output of the copy application broken down by color output.		
	001	B/W	*CTL	
	002	Mono Color	*CTL	
	003	Full Color	*CTL	[0 to 99999999 / **0** / 1]
	004	Single Color	*CTL	
	005	Two Color	*CTL	

8583	[F:Counter]		
	These SPs count the total output of the fax application broken down by color output.		
	001	B/W	*CTL	
	002	Mono Color	*CTL	
	003	Full Color	*CTL	[0 to 99999999 / **0** / 1]
	004	Single Color	*CTL	
	005	Two Color	*CTL	

8584	[P:Counter]
	These SPs count the total output of the print application broken down by color output.

	001	B/W	*CTL	
	002	Mono Color	*CTL	
	003	Full Color	*CTL	[0 to 99999999 / **0** / 1]
	004	Single Color	*CTL	
	005	Two Color	*CTL	

8586	[L:Counter]			
	These SPs count the total output of the local storage broken down by color output.			
	001	B/W	*CTL	
	002	Mono Color	*CTL	
	003	Full Color	*CTL	[0 to 99999999 / **0** / 1]
	004	Single Color	*CTL	
	005	Two Color	*CTL	

8591	[O:Counter]			
	These SPs count the totals for A3/DLT paper use, number of duplex pages printed, and the number of staples used. These totals are for Other (O:) applications only.			
	001	A3/DLT	*CTL	[0 to 99999999 / **0** / 1 / step]
	002	Duplex	*CTL	

8601	[T:CvgCounter]			
	These SPs count the total coverage for each color and the total printout pages for each printing mode.			
	001	Cvg: BW %	*CTL	[0 to 2147483647 / **0** / 1% / step]
	002	Cvg: FC %	*CTL	
	011	Cvg: BW Pages	*CTL	[0 to 9999999 / **0** / 1 / step]
	012	Cvg: FC Pages	*CTL	[0 to 9999999 / **0** / 1 / step]

021	CvgCounter 1	*CTL	
022	CvgCounter 2	*CTL	[0 to 9999999 / 0 / 1 / step]
023	CvgCounter 3	*CTL	
031	CvgCounter 1(YMC)	*CTL	
032	CvgCounter 2(YMC)	*CTL	[0 to 9999999 / 0 / 1 / step]
033	CvgCounter 3(YMC)	*CTL	

8602	[C:CvgCounter]		
	-		
001	Cvg: B/W %	*CTL	
002	Cvg: Single Color %	*CTL	[0 to 2147483647 / 0 / 1% / step]
003	Cvg: Two Color %	*CTL	
004	Cvg: Full Color %	*CTL	

8603	[F:CvgCounter]		
	-		
001	Cvg: B/W %	*CTL	[0 to 2147483647 / 0 / 1% / step]
002	Cvg: Single Color %	*CTL	

8604	[P:CvgCounter]		
	-		
001	Cvg: B/W %	*CTL	
002	Cvg: Single Color %	*CTL	[0 to 2147483647 / 0 / 1% / step]
003	Cvg: Two Color %	*CTL	
004	Cvg: Full Color %	*CTL	

8606	[L:CvgCounter]		
	-		
001	Cvg: B/W %	*CTL	
002	Cvg: Single Color %	*CTL	[0 to 2147483647 / 0 / 1% / step]
003	Cvg: Two Color %	*CTL	
004	Cvg: Full Color %	*CTL	

8617	[SDK Apli Counter]		
	These SPs count the total printout pages for each SDK application.		
001	SDK-1	*CTL	
002	SDK-2	*CTL	
003	SDK-3	*CTL	[0 to 99999999 / 0 / 1 / step]
004	SDK-4	*CTL	
005	SDK-5	*CTL	
006	SDK-6	*CTL	

8621	Func Use Counter		
	-		
001	Function-001	*CTL	
002	Function-002	*CTL	
003	Function-003	*CTL	[0 to 99999999 / 0 / 1 / step]
004	Function-004	*CTL	
005	Function-005	*CTL	

006	Function-006	*CTL	
007	Function-007	*CTL	
008	Function-008	*CTL	[0 to 99999999 / **0** / 1 / step]
009	Function-009	*CTL	
010	Function-010	*CTL	
011	Function-011	*CTL	
012	Function-012	*CTL	
013	Function-013	*CTL	[0 to 99999999 / **0** / 1 / step]
014	Function-014	*CTL	
015	Function-015	*CTL	
016	Function-016	*CTL	
017	Function-017	*CTL	
018	Function-018	*CTL	[0 to 99999999 / **0** / 1 / step]
019	Function-019	*CTL	
020	Function-020	*CTL	
021	Function-021	*CTL	
022	Function-022	*CTL	
023	Function-023	*CTL	[0 to 99999999 / **0** / 1 / step]
024	Function-024	*CTL	
025	Function-025	*CTL	
026	Function-026	*CTL	
027	Function-027	*CTL	
028	Function-028	*CTL	[0 to 99999999 / **0** / 1 / step]
029	Function-029	*CTL	
030	Function-030	*CTL	

031	Function-031	*CTL	[0 to 99999999 / **0** / 1 / step]
032	Function-032	*CTL	
033	Function-033	*CTL	
034	Function-034	*CTL	
035	Function-035	*CTL	
036	Function-036	*CTL	
037	Function-037	*CTL	
038	Function-038	*CTL	
039	Function-039	*CTL	
040	Function-040	*CTL	
041	Function-041	*CTL	[0 to 99999999 / **0** / 1 / step]
042	Function-042	*CTL	
043	Function-043	*CTL	
044	Function-044	*CTL	
045	Function-045	*CTL	
046	Function-046	*CTL	
047	Function-047	*CTL	
048	Function-048	*CTL	
049	Function-049	*CTL	
050	Function-050	*CTL	

051	Function-051	*CTL	[0 to 99999999 / **0** / 1 / step]
052	Function-052	*CTL	
053	Function-053	*CTL	
054	Function-054	*CTL	
055	Function-055	*CTL	
056	Function-056	*CTL	
057	Function-057	*CTL	
058	Function-058	*CTL	
059	Function-059	*CTL	
060	Function-060	*CTL	
061	Function-061	*CTL	[0 to 99999999 / **0** / 1 / step]
062	Function-062	*CTL	
063	Function-063	*CTL	
064	Function-064	*CTL	

8631	[T:FAX TX PGS]		
	These SPs count by color mode the number of pages sent by fax to a telephone number.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 step]

8633	[F:FAX TX PGS]		
	These SPs count by color mode the number of pages sent by fax to a telephone number.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 step]

- If a document has color and black-and-white pages mixed, the pages are counted separately as B/W or Color.

- At the present time, this feature is provided for the Fax application only so SP8631 and SP8633 are the same.
- The counts include error pages.
- If a document is sent to more than one destination with a Group transmission, the count is done for each destination.
- Polling transmissions are counted but polling RX are not.
- Relay, memory, and confidential mailbox transmissions and are counted for each destination.

8641	[T:IFAX TX PGS]		
	These SPs count by color mode the number of pages sent by fax to as fax images using I-Fax.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 step]

8643	[F:IFAX TX PGS]		
	These SPs count by color mode the number of pages sent by Fax as fax images using I-Fax.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 step]

- If a document has color and black-and-white pages mixed, the pages are counted separately as B/W or Color.
- At the present time, this feature is provided for the Fax application only so SP8641 and SP8643 are the same.
- The counts include error pages.
- If a document is sent to more than one destination with a Group transmission, the count is done for each destination.
- Polling transmissions are counted but polling RX are not.
- Relay, memory, and confidential mailbox transmissions and are counted for each destination.

8651	[T:S-to-Email PGS]		
	These SPs count by color mode the total number of pages attached to an e-mail for both the Scan and document server applications.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 step]

| 002 | Color | *CTL | [0 to 9999999 / **0** / 1 step] |

8655	[S:S-to-Email PGS]		
	These SPs count by color mode the total number of pages attached to an e-mail for both the Scan and document server applications.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 step]

Note

- The count for B/W and Color pages is done after the document is stored on the HDD. If the job is cancelled before it is stored, the pages are not counted.
- If Scan-to-Email is used to send a 10-page document to 5 addresses, the count is 10 (the pages are sent to the same SMTP server together).
- If Scan-to-PC is used to send a 10-page document to 5 folders, the count is 50 (the document is sent to each destination of the SMB/FTP server).
- Due to restrictions on some devices, if Scan-to-Email is used to send a 10-page document to a large number of destinations, the count may be divided and counted separately. For example, if a 10-page document is sent to 200 addresses, the count is 10 for the first 100 destinations and the count is also 10 for the second 100 destinations, for a total of 20.).

8661	[T:Deliv PGS/Svr]		
	These SPs count by color mode the total number of pages sent to a Scan Router server by both Scan and LS applications.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 step]

8665	[S:Deliv PGS/Svr]		
	These SPs count by color mode the total number of pages sent to a Scan Router server by the Scan application.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 step]

Note

- The B/W and Color counts are done after the document is stored on the HDD of the Scan Router server.
- If the job is canceled before storage on the Scan Router server finishes, the counts are not done.
- The count is executed even if regardless of confirmation of the arrival at the Scan Router server.

8671	**[T:Deliv PGS/PC]**		
	These SPs count by color mode the total number of pages sent to a folder on a PC (Scan-to-PC) with the Scan and LS applications.		

8675	**[S: Deliv PGS/PC]**		
	These SPs count by color mode the total number of pages sent with Scan-to-PC with the Scan application.		
001	B/W	*CTL	[0 to 9999999 / **0** / 1 step]
002	Color	*CTL	[0 to 9999999 / **0** / 1 step]

8681	**[T:PCFAX TXPGS]**	*CTL	These SPs count the number of pages sent by PC Fax. These SPs are provided for the Fax application only, so the counts for SP8 681 and SP8 683 are the same.
8683	**[F:PCFAX TXPGS]**	*CTL	[0 to 9999999 / **0** / 1 / step]

- This counts pages sent from a PC using a PC fax application, from the PC through the copier to the destination.
- When sending the same message to more than one place using broadcasting, the pages are only counted once. (For example, a 10-page fax is sent to location A and location B. The counter goes up by 10, not 20.)

8691	**[T:TX PGS/LS]**	*CTL	These SPs count the number of pages sent from the document server. The counter for the application that was used to store the pages is incremented.
8692	**[C:TX PGS/LS]**	*CTL	
8693	**[F:TX PGS/LS]**	*CTL	
8694	**[P:TX PGS/LS]**	*CTL	[0 to 9999999/ **0** / 1 / step] The L: counter counts the number of pages stored from within the document server mode screen at the operation panel. Pages stored with the Store File button from within the Copy mode screen go to the C: counter.
8695	**[S:TX PGS/LS]**	*CTL	
8696	**[L:TX PGS/LS]**	*CTL	

Note

- Print jobs done with Web Image Monitor and Desk Top Binder are added to the count.
- If several documents are merged for sending, the number of pages stored are counted for the application that stored them.
- When several documents are sent by a Fax broadcast, the F: count is done for the number of pages sent to each destination.

8701	[TX PGS/Port]		
	These SPs count the number of pages sent by the physical port used to send them. For example, if a 3-page original is sent to 4 destinations via ISDN G4, the count for ISDN (G3, G4) is 12.		
001	PSTN-1	*CTL	[0 to 9999999/ **0** / 1 / step]
002	PSTN-2	*CTL	[0 to 9999999/ **0** / 1 / step]
003	PSTN-3	*CTL	[0 to 9999999/ **0** / 1 / step]
004	ISDN (G3,G4)	*CTL	[0 to 9999999/ **0** / 1 / step]
005	Network	*CTL	[0 to 9999999/ **0** / 1 / step]

8711	[T:Scan PGS/Comp]		
8715	[S:Scan PGS/Comp]		
	These SPs count the number of pages sent by each compression mode.		
001	JPEG/JPEG2000	*CTL	[0 to 9999999/ **0** / 1 / step]
002	TIFF(Multi/Single)	*CTL	[0 to 9999999/ **0** / 1 / step]
003	PDF	*CTL	[0 to 9999999/ **0** / 1 / step]
004	Other	*CTL	[0 to 9999999/ **0** / 1 / step]
005	PDF/Comp	*CTL	[0 to 9999999/ **0** / 1 / step]
006	PDF/A	*CTL	[0 to 9999999/ **0** / 1 / step]
007	PDF(OCR)	*CTL	[0 to 9999999/ **0** / 1 / step]
008	PDF/Comp(OCR)	*CTL	[0 to 9999999/ **0** / 1 / step]

8721	[T:Deliv PGS/WSD]

8725	[S: Dvliv PGS/WSD]		
	These SPs count the number of pages scanned by each scanner mode.		
001	B/W	*CTL	[0 to 9999999/ **0** / 1 / step]
002	Color	*CTL	[0 to 9999999/ **0** / 1 / step]

8731	[T:Scan PGS/Media]		
8735	[S:Scan PGS/Media]		
	These SPs count the number of pages scanned and saved in a meia by each scanner mode.		
001	B/W	*CTL	[0 to 9999999/ **0** / 1 / step]
002	Color	*CTL	[0 to 9999999/ **0** / 1 / step]

8741	[RX PGS/Port]		
	These SPs count the number of pages received by the physical port used to receive them.		
001	PSTN-1	*CTL	[0 to 9999999/ **0** / 1 / step]
002	PSTN-2	*CTL	[0 to 9999999/ **0** / 1 / step]
003	PSTN-3	*CTL	[0 to 9999999/ **0** / 1 / step]
004	ISDN (G3,G4)	*CTL	[0 to 9999999/ **0** / 1 / step]
005	Network	*CTL	[0 to 9999999/ **0** / 1 / step]

8771	[Dev Counter]		
	These SPs count the frequency of use (number of rotations of the development rollers) for black and other color toners.		
001	Total	*CTL	
002	K	*CTL	
003	Y	*CTL	[0 to 99999999 / **0** / 1 / step]
004	M	*CTL	
005	C	*CTL	

8781	Toner_Bottle_Info.	*ENG	[0 to 9999999 / 0 / 1 / step]
	These SPs display the number of already replaced toner bottles. NOTE: Currently, the data in SP7-833-011 through 014 and the data in SP8-781-001 through 004 are the same.		
001	Toner: BK	The number of black-toner bottles	
002	Toner: Y	The number of yellow-toner bottles	
003	Toner: M	The number of magenta-toner bottles	
004	Toner: C	The number of cyan-toner bottles	

8791	[LS Memory Remain]	*CTL	This SP displays the percent of space available on the document server for storing documents. [0 to 100 / 0 / 1 / step]

8801	[Toner Remain]		
	These SPs display the percent of toner remaining for each color. This SP allows the user to check the toner supply at any time.		
	Note: This precise method of measuring remaining toner supply (1% steps) is better than other machines in the market that can only measure in increments of 10 (10% steps).		
001	K	*CTL	[0 to 100 / 0 / 1% / step]
002	Y	*CTL	
003	M	*CTL	
004	C	*CTL	

8811	[Eco Counter]	
	-	

001	Eco Total	*CTL	[0 to 99999999 / **0** / 1 / step]
002	Color	*CTL	
003	Full Color	*CTL	
004	Duplex	*CTL	
005	Combine	*CTL	
006	Color (%)	*CTL	[0 to 100 / **0** / 1% / step]
007	Full Color (%)	*CTL	
008	Duplex (%)	*CTL	
009	Combine (%)	*CTL	
010	Paper Cut (%)	*CTL	
101	Eco Totalr:Last	*CTL	[0 to 99999999 / **0** / 1 / step]
102	Color:Last	*CTL	
103	Full Color:Last	*CTL	
104	Duplex:Last	*CTL	
105	Combine:Last	*CTL	
106	Color(%):Last	*CTL	[0 to 100 / **0** / 1% / step]
107	Full Color (%):Last	*CTL	
108	Duplex (%):Last	*CTL	
109	Combine (%):Last	*CTL	
110	Paper Cut (%):Last	*CTL	

8851	**[Cvr Cnt: 0-10%]**
	These SPs display the number of scanned sheets on which the coverage of each color is from 0% to 10%.

011	0 to 2%: BK	*ENG	
012	0 to 2%: Y	*ENG	[0 to 99999999 / **0** / 1 / step]
013	0 to 2%: M	*ENG	
014	0 to 2%: C	*ENG	
021	3 to 4%: BK	*ENG	
022	3 to 4%: Y	*ENG	[0 to 99999999 / **0** / 1 / step]
023	3 to 4%: M	*ENG	
024	3 to 4%: C	*ENG	
031	5 to 7%: BK	*ENG	
032	5 to 7%: Y	*ENG	[0 to 99999999 / **0** / 1 / step]
033	5 to 7%: M	*ENG	
034	5 to 7%: C	*ENG	
041	8 to 10%: BK	*ENG	
042	8 to 10%: Y	*ENG	[0 to 99999999 / **0** / 1 / step]
043	8 to 10%: M	*ENG	
044	8 to 10%: C	*ENG	

8861	**[Cvr Cnt: 11-20%]**		
	These SPs display the number of scanned sheets on which the coverage of each color is from 11% to 20%.		
	001	BK	*ENG	
	002	Y	*ENG	[0 to 99999999 / **0** / 1 / step]
	003	M	*ENG	
	004	C	*ENG	

8871	[Cvr Cnt: 21-30%]			
	These SPs display the number of scanned sheets on which the coverage of each color is from 21% to 30%.			
	001	BK	*ENG	[0 to 99999999 / **0** / 1 / step]
	002	Y	*ENG	
	003	M	*ENG	
	004	C	*ENG	

8881	[Cvr Cnt: 31%-]			
	These SPs display the number of scanned sheets on which the coverage of each color is 31% or higher.			
	001	BK	*ENG	[0 to 99999999 / **0** / 1 / step]
	002	Y	*ENG	
	003	M	*ENG	
	004	C	*ENG	

8891	[Page/Toner Bottle]			
	These SPs display the amount of the remaining current toner for each color.			
	001	BK	*ENG	[0 to 99999999 / **0** / 1 / step]
	002	Y	*ENG	
	003	M	*ENG	
	004	C	*ENG	

8901	[Page/Ink_prev1]	
	These SPs display the amount of the remaining previous toner for each color.	

001	BK	*ENG	[0 to 99999999 / **0** / 1 / step]
002	Y	*ENG	
003	M	*ENG	
004	C	*ENG	

8911	**[Page/Ink_prev2]**		
	These SPs display the amount of the remaining 2nd previous toner for each color.		
001	BK	*ENG	[0 to 99999999 / **0** / 1 / step]
002	Y	*ENG	
003	M	*ENG	
004	C	*ENG	

8921	**[Cvr Cnt/Total]**		
	Displays the total coverage and total printout number for each color.		
001	Coverage (%) Bk	*CTL	[0 to 2147483647 / **0** / 1% / step]
002	Coverage (%) Y	*CTL	
003	Coverage (%) M	*CTL	
004	Coverage (%) C	*CTL	
011	Coverage /P: Bk	*CTL	[0 to 99999999 / **0** / 1 / step]
012	Coverage /P: Y	*CTL	
013	Coverage /P: M	*CTL	
014	Coverage /P: C	*CTL	

8941	**[Machine Status]**
	These SPs count the amount of time the machine spends in each operation mode. These SPs are useful for customers who need to investigate machine operation for improvement in their compliance with ISO Standards.

001	Operation Time	*CTL	[0 to 99999999 / **0** / 1 / step]
	Engine operation time. Does not include time while controller is saving data to HDD (while engine is not operating).		
002	Standby Time	*CTL	[0 to 99999999 / **0** / 1 / step]
	Engine not operating. Includes time while controller saves data to HDD. Does not include time spent in Energy Save, Low Power, or Off modes.		
003	Energy Save Time	*CTL	[0 to 99999999 / **0** / 10 / step]
	Includes time while the machine is performing background printing.		
004	Low Power Time	*CTL	[0 to 99999999 / **0** / 1 / step]
	Includes time in Energy Save mode with Engine on. Includes time while machine is performing background printing.		
005	Off Mode Time	*CTL	[0 to 99999999 / **0** / 1 / step]
	Includes time while machine is performing background printing. Does not include time machine remains powered off with the power switches.		
006	SC	*CTL	[0 to 99999999 / **0** / 1 / step]
	Total time when SC errors have been staying.		
007	PrtJam	*CTL	[0 to 99999999 / **0** / 1 / step]
	Total time when paper jams have been staying during printing.		
008	OrgJam	*CTL	[0 to 99999999 / **0** / 1 / step]
	Total time when original jams have been staying during scanning.		
009	Supply PM Unit End	*CTL	[0 to 99999999 / **0** / 1 / step]
	Total time when toner end has been staying		

8951	[AddBook Register]		
	These SPs count the number of events when the machine manages data registration.		
001	User Code/User ID	*CTL	[0 to 9999999/ **0** / 1 / step]
	User code registrations.		

002	Mail Address	*CTL	[0 to 9999999/ **0** / 1 / step]
	Mail address registrations.		
003	Fax Destination	*CTL	[0 to 9999999/ **0** / 1 / step]
	Fax destination registrations.		
004	Group	*CTL	[0 to 9999999/ **0** / 1 / step]
	Group destination registrations.		
005	Transfer Request	*CTL	[0 to 9999999/ **0** / 1 / step]
	Fax relay destination registrations for relay TX.		
006	F-Code	*CTL	[0 to 9999999/ **0** / 1 / step]
	F-Code box registrations.		
007	Copy Program	*CTL	[0 to 255 / **0** / 255 / step]
	Copy application registrations with the Program (job settings) feature.		
008	Fax Program	*CTL	[0 to 255 / **0** / 255 / step]
	Fax application registrations with the Program (job settings) feature.		
009	Printer Program	*CTL	[0 to 255 / **0** / 255 / step]
	Printer application registrations with the Program (job settings) feature.		
010	Scanner Program	*CTL	[0 to 255 / **0** / 255 / step]
	Scanner application registrations with the Program (job settings) feature.		

8961	[Electricity Status]		
	-		
001	Ctrl Standby Time	*CTL	
002	STR Time	*CTL	[0 to 99999999 / **0** / 1 / step]
003	Main Power Off Time	*CTL	
004	Reading and Printing Time	*CTL	

	005	Printing Time	*CTL	
	006	Reading Time	*CTL	
	007	Eng Waiting Time	*CTL	
	008	Low Power State Time	*CTL	[0 to 99999999 / 0 / 1 / step]
	009	Silent State Time	*CTL	
	010	Heater Off State Time	*CTL	
	011	LCD on Time	*CTL	

8971	[Unit Control]			
	-			
	001	Engine Off Recovery Count	*CTL	
	002	Power Off Count	*CTL	[0 to 99999999 / 0 / 1 / step]
	003	Force Power Off Count	*CTL	

8999	[AdminCounter]			
	Displays each total print out and total coverage.			
	001	Total	*CTL	[0 to 99999999 / 0 / 1 / step]
	002	Copy:FC	*CTL	[0 to 99999999 / 0 / 1 / step]
	003	Copy:BW	*CTL	[0 to 99999999 / 0 / 1 / step]
	004	Copy:OneC	*CTL	[0 to 99999999 / 0 / 1 / step]
	005	Copy:TwoC	*CTL	[0 to 99999999 / 0 / 1 / step]
	006	Printer:FC	*CTL	[0 to 99999999 / 0 / 1 / step]
	007	Printer:BW	*CTL	[0 to 99999999 / 0 / 1 / step]
	008	Printer:OneC	*CTL	[0 to 99999999 / 0 / 1 / step]
	009	Printer:TwoC	*CTL	[0 to 99999999 / 0 / 1 / step]
	010	FaxP:BW	*CTL	[0 to 99999999 / 0 / 1 / step]
	011	FaxP:OneC	*CTL	[0 to 99999999 / 0 / 1 / step]

012	A3/DLT	*CTL	[0 to 99999999 / 0 / 1 / step]
013	Duplex	*CTL	[0 to 99999999 / 0 / 1 / step]
014	Cvg:FC %	*CTL	[0 to 2147483647 / 0 / 1% / step]
015	Cvg:BW %	*CTL	[0 to 2147483647 / 0 / 1% / step]
016	Cvg:FC Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
017	Cvg:BW Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
018	GPC	*CTL	[0 to 99999999 / 0 / 1 / step]
019	GPC Printer	*CTL	[0 to 99999999 / 0 / 1 / step]
020	Full Color GPC	*CTL	[0 to 99999999 / 0 / 1 / step]
021	A2	*CTL	[0 to 99999999 / 0 / 1 / step]
022	SendTtl:FC	*CTL	[0 to 2147483647 / 0 / 1% / step]
023	SendTtl:BW	*CTL	[0 to 2147483647 / 0 / 1% / step]
024	FaxSend	*CTL	[0 to 2147483647 / 0 / 1% / step]
0250	ScanSend:FC	*CTL	[0 to 2147483647 / 0 / 1% / step]
026	ScanSend:BW	*CTL	[0 to 2147483647 / 0 / 1% / step]
027	Total	*CTL	[0 to 2147483647 / 0 / 1% / step]
028	Copy:FC	*CTL	[0 to 2147483647 / 0 / 1% / step]
029	Copy:BW	*CTL	[0 to 2147483647 / 0 / 1% / step]
030	Copy:OneC	*CTL	[0 to 2147483647 / 0 / 1% / step]
031	Copy:TwoC	*CTL	[0 to 2147483647 / 0 / 1% / step]
101	Printer:FC	*CTL	[0 to 99999999 / 0 / 1 / step]
102	Printer:BW	*CTL	[0 to 99999999 / 0 / 1 / step]
103	Printer:OneC	*CTL	[0 to 99999999 / 0 / 1 / step]
104	Printer:TwoC	*CTL	[0 to 99999999 / 0 / 1 / step]
105	FaxP:BW	*CTL	[0 to 99999999 / 0 / 1 / step]