Sheet1

						Sheet1												
	-	Header			Address	Sub-Address	Command	Data Length	Data									
0	0	0 0	0	FF	0-FF	0-FF	0-FF	0-FF		J								
							Data											
	Notes	Action	Sub-Address	Command	Command (HEX)	Data Length	Byte:1	2	3	4	5	6	7	8	9	10	11	12
Main	110100	NOOP	0	0	0	0	Dyto.1	_	- ŭ	· ·	+ -							
		Reserve for core protocol	0	1	1	0												
	Starts planned move	Start	0	2	2	0												
		Pause	0	3	3	0												
	Stops planned move. Must be executed																	
	before controller will accept other	Stop	0	4	4	0												ı
	commands.					_												-
	Toggles on/off state of debug LED	Debug LED	0	5	5	0							-					
		Timing Master Set Stored Name	0	6	6	0 1-10		Chrises Id	-10 Characters,	Nivil to make at a	d Nivillana	المسام						
		Set Stored Name Set Device Address	0	8	8	1-10	2-255	Suing [1	- 10 Characters,	Null-terminated	ı, ivuli pa	aaeaj						
		Set Common Line for Step Pulsing	0	9	9	1	0,1,2											
		Return Home All Motors	0	10	Ä	0	0,1,2											
		Motors Max Step Rate	0	11	В	2	Steps/Sec	cond [int]										
	Not yet implemented	Alt Input Edge (RISING, FALLING, or CHANGE)	0	12	С	1	0,1,2											
	Not yet implemented	Alt I/O Mode	0	13	D	2	Ring (0-255)	Tip (0-255)										
		Set Manual Move Flag	0	14	E	1	True/False (1,0)											
		Alt Output Before Shot Delay Time	0	15	F	2	Time (m	ns) [int]			\perp				I			
		Alt Output After Shot Delay Time	0	16	10	2	Time (m				+		\perp					
		Alt Output Before Shot Time	0	17	11	2	Time (m				-		\perp					
		Alt Output After Shot Time	0	18	12	2	Time (m	ns) [int]			+		\perp					
		Alt Output Trigger level	0	19	13 14	1 4	HIGH/LOW (1,0)		anod long)				+	-		-		
		Max Program Run Time Start Program Delay	0	20 21	14	4	Ma	ax Run Time (mS) [unsi Start Time Delay (see	gneu iongj				+					
		Set SMS / Continuous Program Mode	0	21	16	1	0 (SMS), 1 (Cont.)	Start Time Delay (Sec	Julius)				+	\rightarrow	\rightarrow			
		Oct GWO / Continuous i Togram Wode	0	22	10		o (olvio), i (ooiit.)		1	l								
		Status Request	0	100			<status type=""></status>		<ret< td=""><td>rns> with head</td><td>ler and m</td><td>aster add</td><td>ress in f</td><td>front (00</td><td>00 00 00</td><td>00 FF 00 0</td><td>0 01 Length</td><td>Data)</td></ret<>	rns> with head	ler and m	aster add	ress in f	front (00	00 00 00	00 FF 00 0	0 01 Length	Data)
		Firmware Version	0	100	64	0	[Byte]											
		Run Status	0	101	65	0	[Byte]											
		Run Time	0	102	66	0		[Unsigned Long										
		Currently Exposing	0	103	67	0	[Byte]											
		Timing Master Value	0	104	68	0	[Byte]											
		Name	0	105	69	0		String [1	-10 Characters,	Null-terminated	d, Null pa	dded]						
		Motors Max Step Rate	0	106	6A	0	Steps/Sec	cond [int]					\vdash					
		Voltage Reading	0	107 108	6B	0	Voltage (V) [Fix	red point - must divide	by 100 on mast	er side]			++					
	Not all the land of the land	Current to Motors	0		6C	0		ixed point – must divid	e by 100 on ma	ster side]								
	Not yet implemented	Alt Input Edge (RISING, FALLING, or CHANGE)	0	109	6E 6F	0	0,1,2	Tin (0.055)					+	_				
	Not yet implemented	Alt I/O Mode	0	110 111	70	0	Ring (0-255)	Tip (0-255)					+	_				
	Not yet implemented	Limit Switch High/Low Status Alt Output Before Shot Delay Time	0	111	70	0	Ring, High/Low (1,0)	TIP, HIGH/LOW(1,U)										
		Alt Output After Shot Delay Time Alt Output After Shot Delay Time	0	113	70	0	Time (m Time (m	ne) [iiit]					+	_	_			
		Alt Output Before Shot Time	0	114	72	0	Time (m	ne) [int]					+	_				
		Alt Output After Shot Time	0	115	73	0	Time (m											
		Alt Output Trigger level	0	116	74	0	HIGH/LOW (1,0)	l l										
		Start Program Delay	0	117	75	0		tart Time Delay (secon	ds) [long]									
		SMS / Continuous Program Mode	0	118	76	0	0 (SMS), 1 (Cont.)											
		Controller Power Cycle	0	119	77	0	True/False (1,0)											
	·	·																
Motors		NOOP	1-3	0	0	0					\perp		\perp					
	Cuts assumed materials	Reserve for core protocol	1-3	1	1	0			-		+		+					
	Cuts power to motor when not executing a move. True by default.	Motor Sleep	1-3	2	2	1	True/False (1,0)									- 1		ı
	Must enabled before executing a move.	Motor Enable	1-3	3	3	1	True/False (1,0)				+		+	-	-	-		
							Truerraise (1,0)				+		+	-+		+		
	Stops motor, even if a planned move is in progress.	Stop Motor Now	1-3	4	4	0												ı
	Number of steps the motor should move in										1 1		+	-		- +		
	addition to the commanded distance when	Set Backlash Steps	1-3	5	5	2	Steps (uns	igned int)		l			1					ı
	reversing direction.						2.5,2 (0110	* ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '			\perp							
General Motor	Number of microsteps per full motor step.																	
General Motor Commands	There are 200 full stens per rotation of the	Set Microstep Value	1-3	6	6	1	1, 2, 4, 8, 16											ı
	motor (and ~3800 full steps per gearbox						., _, ., 0, .0	1		l			1					ı
	output shaft rotation)	0.111		7	7	-					1		\perp					
	Clina mater diseasing a second and a	Set Motor Max Step Speed	1-3		· ·	2	Steps/S	econd			+		+	\rightarrow	\rightarrow			
	Flips motor direction, regardless of current program	Set Direction	1-3	8	8	1	0, 1	1		l			1					ı
	Saves home limit position	Set Home Limit Here	1-3	9	9	0					+		+	\rightarrow	-	-		
	Saves end limit position	Set Find Limit Here	1-3	10	A	0					+		+	-	-	-		
	caree and mine position	Send Motor to Home Limit	1-3	11	B	0					+			_				
1		Send Motor to End Limit	1-3	12	c	0												
			•															
	Does not apply to finite manual moves	Set Continuous Speed	1-3	13	D	4		Steps/Second [flo	at]							1		
Manual Move	Does not apply to finite manual moves	Set Motor Continuous Motion Accel/Decel Rate	1-3	14	Е	4		Steps/Second^2 [fl							1			
Commands	Direct move command, does not require	Execute Simple Motor Move	1-3	15	F	5	Dir (0, 1)		Steps									
	use of "start" and "stop" commands.					ŭ	J., (0, 1)		Olopo									

		Set Progran	m Start point	1-3	16	10	4		Step position [lor	and a								
			m Stop point	1-3	17	11	4		Step position [lor								1	
	1 = Linear, 2 = Quadratic, 3 = Inverted									ľ								1
	Quadratic Quadratic, 3 = inverted	Set Easing (R	Ramping) Mode	1-3	18	12	1	1, 2, 3				1	1		1 '	1	1	1
												-				—		-
Programmed	How many shots should this motor wait	Set Lear	d-In Shots	1-3	19	13	2	Shots	[int]						'	1		
Travel	before moving?						_								1 '	1		1
Commands		Set Travel Shots(SMS	S) / Travel Time (Cont.)	1-3	20	14	4	Shots (SMS) or	Total Travel Time (ms	(cont.) (unsigne	d lona)							-
			gram Accel	1-3	21	15	4		ots (SMS) or Time in r									
		Set Brea	gram Decel	1-3	22	16	4	Docal Pariod Sh	ots (SMS) or Time in i	no (Cont.) [unoigi	nod long]	_				-	-	-
								Decer Feriou = 31	ots (Sivio) or Time in i	ils (Cont.) [unsigi	ileu lollyj		-		-	-	+	+
		Sena Motor to Pr	rogram Start Point	1-3	23	17	0											_
		Send Motor to Pr	rogram Stop Point	1-3	24	18	0											
	Manual SMS movement. Not yet																	
Stop-Motion	implemented.	Advance One	SMS Increment	1-3	25	19	0								1 '	1		
Travel	Manual SMS movement. Not yet		-												-			_
Commands	implemented.	Go Back One	SMS Increment	1-3	26	1A	0								1 '	1		
	implemented.																	_
	Sets the current position as home, disables														1 '	1		
	limits, and sets start/stop positions to home	Reset Limits and Progr	ram Start/Stop Positions	1-3	27	1B	0								1 '	1		
	position.														'	1		1
		Status	Request	1-3	100			<status type=""></status>		<retu< td=""><td>rns> with head</td><td>er and r</td><td>naster add</td><td>ress in front (0</td><td>0 00 00 0</td><td>0.00 FF 00</td><td>00 01 Length</td><td>h Data</td></retu<>	rns> with head	er and r	naster add	ress in front (0	0 00 00 0	0.00 FF 00	00 01 Length	h Data
			Enable	1-3	100	64	0	True/False (1,0)		1010		1				-	T T	T
			ish Steps	1-3	101	65	0					 			-		-	+
								Steps [byte]								—		+
General Motor			tep Value	1-3	102	66	0	1, 2, 4, 8, 16 [byte]								Ь—		-
Query		Dire	ection	1-3	103	67	0	0, 1										
Commands			Step Speed	1-3	104	68	0	Steps/Sec	ond [int]									
Commanus			nit Position	1-3	105	69	0		Position [long]						1	1	1	
			otor Position	1-3	106	6A	0		Position [long]									-
	<u> </u>		Running	1-3	107	6B	0	True/False (1,0)	. Conton policy			_	 		-	-	+	+
		IVIOTOF	variating	1=3	107	UB	U	Truch alse (1,0)		1								1
																		_
Manual Move		Continuo	ous Speed	1-3			0	Steps/Second IF	xed point - must divid	e by 100 on mas	ter sidel	ı	1		1 '	1	1	
Query		Contailed			108	6C		1,5,5,5555,10 [1	moot divid	,								1
Commands				1-3			0					1	-		1 7	1	1	1
Commanus		Motor Continuous Mo	otion Accel/Decel Rate	1-3	109	6D	U	Steps/Second^2 [ixed point - must divi	de by 100 on ma	ster sidel				'	1		
										,								
		Essing (Par	mping) Mode	1-3	110	6F	0	1 2 2				1	1		Т		т —	т —
		Lasing (Rai	Start point	1-3	111	6F	0	1, 2, 3	Decilies floor			_			-	\leftarrow	-	+
				1-3					Position [long]							—		1
Programmed		Program	End point	1-3	112	70	0		Position [long]									
Travel Query		Program Travel Shots(SMS)	End point / Travel Time (Cont.)	1-3	113	71	0	Shots (SMS) or	Total Travel Time (ms	(cont.) [unsigne	d long]							
Programmed Travel Query Commands		Program Travel Shots(SMS)	End point	1-3 1-3	113 114	71 72	0	l Shots	Total Travel Time (ms) (cont.) [unsigne								
Programmed Travel Query Commands		Program Travel Shots(SMS) Lead-I	n End point / Travel Time (Cont.) In Shots	1-3 1-3	113 114	71 72	0	l Shots	Total Travel Time (ms) (cont.) [unsigne								
Travel Query		Program Travel Shots(SMS) Lead-I Progra	End point / Travel Time (Cont.)	1-3	113	71	0	Shots Accel Period – Sh	Total Travel Time (ms) (cont.) [unsigne ns (Cont.) [unsign	ned long]							
Travel Query		Program Travel Shots(SMS) Lead-l Progra Progra	n End point / Travel Time (Cont.) In Shots am Accel Im Decel	1-3 1-3 1-3 1-3 1-3	113 114 115 116	71 72 73 74	0 0 0 0	Shots Accel Period – Sh	Total Travel Time (ms [int] ots (SMS) or Time in r) (cont.) [unsigne ns (Cont.) [unsign	ned long]							
Travel Query Commands		Program Travel Shots(SMS) Lead-1 Progra Progra Progra	n End point / Travel Time (Cont.) In Shots am Accel Im Decel	1-3 1-3 1-3 1-3 1-3	113 114 115 116	71 72 73 74	0 0 0 0	Shots Accel Period – Sh Decel Period – Sh	Total Travel Time (ms [int] ots (SMS) or Time in r) (cont.) [unsigne ns (Cont.) [unsign	ned long]							
Travel Query Commands		Program Travel Shots(SMS) Lead-1 Progra Progra Progra	n End point / Travel Time (Cont.) In Shots am Accel Im Decel	1-3 1-3 1-3 1-3 1-3	113 114 115 116	71 72 73 74	0 0 0 0	Shots Accel Period – Sh Decel Period – Sh	Total Travel Time (ms [int] ots (SMS) or Time in r) (cont.) [unsigne ns (Cont.) [unsign	ned long]							
Travel Query Commands		Program Travel Shots(SMS) Lead-1 Progra Progra Progra NC Reserve for	End point / Travel Time (Cont.) In Shots am Accel im Decel OOP core rotocol a Enable	1-3 1-3 1-3 1-3 1-3	113 114 115 116	71 72 73 74	0 0 0 0	Shots Accel Period – Sh	Total Travel Time (ms [int] ots (SMS) or Time in r ots (SMS) or Time in r) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands		Program Travel Shots(SMS) Lead-l Progra Progra Progra NC Reserve for Camer Expos	i End point / Travel Time (Cont.) In Shots im Accel im Decel OOP core protocol a Enable se Now	1-3 1-3 1-3 1-3 1-3 4 4 4 4	113 114 115 116	71 72 73 74 0 1 2 3	0 0 0 0 0	Shots Accel Period – Sh Decel Period – Sh	Total Travel Time (ms [int] ots (SMS) or Time in r ots (SMS) or Time in r Exposure Time (r) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands		Program Travel Shots(SMS) Lead-I Progra Progra Progra NC Reserve for Camera Expost	End point / Travel Time (Cont.) In Shots am Accel am Decel OOP core protocol a Enable se Now ure Time	1-3 1-3 1-3 1-3 1-3 4 4 4 4 4	113 114 115 116	71 72 73 74 0 1 2 3 4	0 0 0 0 0	Shots Accel Period – Sh Decel Period – Sh True/False (1,0)	Total Travel Time (ms [int] ots (SMS) or Time in r ots (SMS) or Time in r Exposure Time (r Exposure Time (r) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands		Program Travel Shots(SMS) Lead-I Progra Progra Progra NC Reserve for Camera Expost	i End point / Travel Time (Cont.) In Shots im Accel im Decel OOP core protocol a Enable se Now	1-3 1-3 1-3 1-3 1-3 4 4 4 4	113 114 115 116	71 72 73 74 0 1 2 3	0 0 0 0 0	Shots Accel Period – Sh Decel Period – Sh	Total Travel Time (ms [int] ots (SMS) or Time in r ots (SMS) or Time in r Exposure Time (r Exposure Time (r) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands	The system will stop a move once it	Program Travel Shots(SMS) Lead-d Progra Progra NC Reserve for Camera Expos	End point // Travel Time (Cont.) In Shots In Shots Im Decel Im Decel Im Decel OOP Core protocol a Enable se Now ure Time is Time	1-3 1-3 1-3 1-3 1-3 4 4 4 4 4 4	113 114 115 116 0 1 1 2 3 4 5	71 72 73 74 0 1 2 3 4 5	0 0 0 0 0 0 1 1 4 4 4 2	Shots Accel Period – Sh Decel Period – Sh True/False (1,0)	Total Travel Time (ms [int] tots (SMS) or Time in r ots (SMS) or Time in r exposure Time (r Exposure Time (r ene (mS)) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands	reaches the max number of camera	Program Travel Shots(SMS) Lead-d Progra Progra NC Reserve for Camera Expos	End point / Travel Time (Cont.) In Shots am Accel am Decel OOP core protocol a Enable se Now ure Time	1-3 1-3 1-3 1-3 1-3 4 4 4 4 4	113 114 115 116	71 72 73 74 0 1 2 3 4	0 0 0 0 0	Shots Accel Period – Sh Decel Period – Sh True/False (1,0)	Total Travel Time (ms [int] tots (SMS) or Time in r ots (SMS) or Time in r exposure Time (r Exposure Time (r ene (mS)) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands	The system will stop a move once it reaches the max number of camera exposures.	Program Travel Shots(SMS) Lead-d Progra Progra NC Reserve for Camera Expos Focus Max	End point // Travel Time (Cont.) In Shots Im Decel Im Decel Im Decel OOP Core protocol a E Fabile Se Now ure Time Is Time Shots Shots	1-3 1-3 1-3 1-3 1-3 4 4 4 4 4 4 4	113 114 115 116 0 1 1 2 3 4 5	71 72 73 74 0 1 2 3 4 5	0 0 0 0 0 0 1 1 4 4 4 2	Shots Accel Period – St Decel Period – St True/False (1,0) Focus Tir	Total Travel Time (ms [int] ots (SMS) or Time in r ots (SMS) or Time in r ots (SMS) or Time in r Exposure Time (r Exposure Time (r ne (mS)) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands	reaches the max number of camera	Program Travel Shots(SMS) Lead-d Progra Progra NC Reserve for Camera Expos Focus Max	End point // Travel Time (Cont.) In Shots In Shots Im Decel Im Decel Im Decel OOP Core protocol a Enable se Now ure Time is Time	1-3 1-3 1-3 1-3 1-3 4 4 4 4 4 4	113 114 115 116 0 1 1 2 3 4 5	71 72 73 74 0 1 2 3 4 5	0 0 0 0 0 0 1 1 4 4 4 2	Shots Accel Period – Sh Decel Period – Sh True/False (1,0)	Total Travel Time (ms [int] ots (SMS) or Time in r ots (SMS) or Time in r ots (SMS) or Time in r Exposure Time (r Exposure Time (r ne (mS)) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands	reaches the max number of camera	Program Travel Shots(SMS) Lead-I Progra Progra NC Reserve for C Camera Expose Expose Focur Max Expose	End point //Travel Time (Cont.) In Shots Im Accel Im Decel OOP core protocol a Enable se Now ure Time Is Time Shots ure Delay	1-3 1-3 1-3 1-3 1-3 4 4 4 4 4 4 4	113 114 115 116 0 1 1 2 3 4 5	71 72 73 74 0 1 2 3 4 5	0 0 0 0 0 0 1 1 4 4 4 2	Shots Accel Period – Sh Decel Period – Sh True/False (1,0) Focus Tir	Total Travel Time (ms [int] ots (SMS) or Time in r ots (SMS) or Time in r ots (SMS) or Time in r Exposure Time (r Exposure Time (r ne (mS)) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands	reaches the max number of camera exposures.	Program Travel Shots(SMS) Lead-I Progra Progra NC Reserve for C Camera Expose Expose Focur Max Expose	End point // Travel Time (Cont.) In Shots Im Decel Im Decel Im Decel OOP Core protocol a E Fabile Se Now ure Time Is Time Shots Shots	1-3 1-3 1-3 1-3 1-3 4 4 4 4 4 4 4 4 4	113 114 115 116 0 1 1 2 3 4 5	71 72 73 74 0 1 1 2 3 4 5 6	0 0 0 0 0 0 1 1 4 4 4 2	Shots Accel Period – St Decel Period – St True/False (1,0) Focus Tir	Total Travel Time (ms [int] ots (SMS) or Time in r ots (SMS) or Time in r ots (SMS) or Time in r Exposure Time (r Exposure Time (r ne (mS)) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands	reaches the max number of camera exposures. Number of additional exposures the camera	Program Travel Shots(SMS) Lead-I Progra Progra NC Reserve for Camera Expos Expos Expos Focus Max Exposus Focus Focus V	End point //Travel Time (Cont.) In Shots Im Accel Im Decel OOP core protocol a Enable se Now urrer Imme Imme Imme Imme Imme Imme Imme	1-3 1-3 1-3 1-3 1-3 4 4 4 4 4 4 4 4 4 4	113 114 115 116 0 1 1 2 3 4 5 6	71 72 73 74 0 1 1 2 3 4 5 6	0 0 0 0 0 0 1 1 4 4 2 2	Shots Accel Period – Sh Decel Period – Sh True/False (1,0) Focus Tir Cou Delay	Total Travel Time (ms [int] ots (SMS) or Time in r ots (SMS) or Time in r ots (SMS) or Time in r Exposure Time (r Exposure Time (r ne (mS)) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands	reaches the max number of camera exposures. Number of additional exposures the camera should capture before executing the next	Program Travel Shots(SMS) Lead-I Progra Progra NC Reserve for Camera Expos Expos Expos Focus Max Exposus Focus Focus V	End point //Travel Time (Cont.) In Shots Im Accel Im Decel OOP core protocol a Enable se Now ure Time Is Time Shots ure Delay	1-3 1-3 1-3 1-3 1-3 4 4 4 4 4 4 4 4 4	113 114 115 116 0 1 1 2 3 4 5	71 72 73 74 0 1 1 2 3 4 5 6	0 0 0 0 0 0 1 1 4 4 4 2	Shots Accel Period – Sh Decel Period – Sh True/False (1,0) Focus Tir	Total Travel Time (ms [int] ots (SMS) or Time in r ots (SMS) or Time in r ots (SMS) or Time in r Exposure Time (r Exposure Time (r ne (mS)) (cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign	ned long]							
Travel Query Commands	reaches the max number of camera exposures. Number of additional exposures the camera should capture before executing the next SMS move.	Program Travel Shots(SMS) Lead-I Progra Progra NC Reserve for Camer Expos Exposs Focus Max Exposus Focus v Repea	End point //Travel Time (Cont.) In Shots Im Accel Im Decel OOP Core protocol a Enable se Now ure Time Is Time Shots Ure Delay w Shutter at Cycles	1-3 1-3 1-3 1-3 1-3 4 4 4 4 4 4 4 4 4 4 4	113 114 115 116 0 1 1 2 3 4 5 6 7	71 72 73 73 74	0 0 0 0 0 0 1 1 4 4 2 2 2	Shots Accel Period – Sh Decel Period – Sh True/False (1,0) Focus Tir Cou Delay	Total Travel Time (ms [int] ots (SMS) or Time in nots (SMS) or Time in a Exposure Time (r Exposure Time (r e (mS)) nt	ns (Cont.) [unsigners (Cont.) [u	ned long]							
Travel Query Commands	reaches the max number of camera exposures. Number of additional exposures the camera should capture before executing the next	Program Travel Shots(SMS) Lead-I Progra Progra NC Reserve for Camer Expos Exposs Focus Max Exposus Focus v Repea	End point //Travel Time (Cont.) In Shots Im Accel Im Decel OOP core protocol a Enable se Now urrer Imme Imme Imme Imme Imme Imme Imme	1-3 1-3 1-3 1-3 1-3 4 4 4 4 4 4 4 4 4 4	113 114 115 116 0 1 1 2 3 4 5 6	71 72 73 74 0 1 1 2 3 4 5 6	0 0 0 0 0 0 1 1 4 4 2 2	Shots Accel Period – Sh Decel Period – Sh True/False (1,0) Focus Tir Cou Delay	Total Travel Time (ms [int] ots (SMS) or Time in r ots (SMS) or Time in r ots (SMS) or Time in r Exposure Time (r Exposure Time (r ne (mS)	ns (Cont.) [unsigners (Cont.) [u	ned long]							
Travel Query Commands	reaches the max number of camera exposures. Number of additional exposures the camera should capture before executing the next SMS move.	Program Travel Shots(SMS) Lead-d Progra Progra Progra NC Reserve for Camera Expos Exposu Focus Max Exposus Focus Repea	End point //Travel Time (Cont.) In Shots am Accel Im Decel OOP Core protocol a Enable se Now ure Time us Time Shots ure Delay w Shutter at Cycles erval	1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3	113 114 115 116 0 0 1 1 2 3 4 5 6 7 8	71 72 73 73 74	0 0 0 0 0 0 1 1 4 4 2 2 2	Shots Accel Period – St Decel Period – St True/False (1,0) Focus Tir Cou Delay 1, 0 Count	Total Travel Time (ms [int] ots (SMS) or Time in nots (SMS) or Time in a Exposure Time (r Exposure Time (r e (mS)) nt	ns (Cont.) [unsigne ns (Cont.) [unsign ns (Cont.) [unsign ns (Cont.) [unsign ns (Sont.) [ned long]							
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