VP 729 Command Sets

History

No	Issue Date	Version	Description	Firmware
1	2008/3/19	V1.0	First release	
2	2008/6/24	V1.1	 Add only those that we can't simulate their pressing using other commands of the protocol, such as MENU, Up, Down, Left, Right. Query the status of the input (valid or invalid input, and (if valid) can provide. details such as the standard or resolution. Update command with Layer C spec. Modify Command format example Add two commands to get input status. 	
3	2008/9/9	V1.2	 Update parameter range Add Output Resolution – 1920x1080@60Hz Gray unavailable command command update for Geometry Diagonal Projection Add error code 	
4	2008/11/25	V1.3	 Add command for Input/Output mode custom Add command for PIP Custom Add command for Aspect Ratio Custom Remove USB PIP Source Change Aspect Ratio name: Anamorphic -> Follow Output, Native -> Follow Input 	
5	2009/1/23	V1.4	Change parameter range of Input V-position.	
6	2009/04/06	V1.5	 Add custom1~4 in Output Resolution. Add custom1~4 in Advance Output Mode: Apply. Add Volume up Add Volume down. 	VTB1.05

				5. Add 1280x720@60Hz in Output Resolution.							
				6. Cancel HDMI output device, add HDCP setting							
				7. Add Custom Input1~4 in Advanced Input Mode							
				8. Add Custom Output1~4 in Advanced Output Mode							
				9. Modify Apply to Save in Advanced Input Mode.							
				10. Modify Apply to Save in Advanced Output Mode.							
				Update Main/PIP input status for new 1280x800 input mode							
	7	2009/05/27	V1.6	2. Add command "Y 0 48 111"/"Y 0 48 -111" for VOLUME UP/DOWN	VTB1.07						
	•	2000/00/21	V 1.0	3. Remove command 133, 134	V 1 D 1.07						
				4. Rename Aspect Ratio Standard -> Best Fit							
	8	2009/7/10	V1.7	1. modify Y 1 103 98: No Input detected							
	0	2009/7/10	V 1.7	2. modify Y 1 103 99: other							
	9	2009/7/14	V1.8	1. remove USB audio : HDMI1, HDMI2							
	10	2009/7/27	V1.9	Update the range of Input H-Position, Input V-Position and Input Frequency	VTB1.09						
				add command set for Overscan							
	44	2009/9/2	2. add command set for Fast mode	V/TD4 44							
	11		2009/9/2	2009/9/2	2009/9/2	2009/9/2	2009/9/2	2009/9/2	V2.0	3. add command set to select on or off for auto image function when source switching.	VTB1.11
				4. add command set for Slideshow							
		0000/40/04	1/0.4	1. modify Y 1 104 98: No Input detected	\/TD 4 40						
	12	2009/10/21	V2.1	2. modify Y 1 104 99: other	VTB1.12						
				1. Add input mode for Main input status (Command = 103) / PIP input status							
				(Command = 104)							
	13	2010/2/5		1680x1050@60 (R)							
			2010/2/5 V2.2	1366x768@60	VTB1.14						
				1366x768@60 (R)							
				2. Add Mode3 Command (Command = 147)							
	14	2010/3/29	V2.3	Command is modified to match with FW	VTB1.15						
	•	_0.0,0,0	0	Commond to material man							

15	2010/12/16	V2.4	1. Add HDMI Switch Behavior Command (Function = 148 / 149)	VTB1.20
16	2011/03/22	V2.5	1. Add HDMI1 Audio Input (Command = 150) Add HDMI2 Audio Input (Command = 151) 2. Add Custom Output Read HDMI EDID Prefer Timing (Command = 152) 3. Add HDMI1 Input HDCP On/Off (Command = 153) Add HDMI2 Input HDCP On/Off (Command = 154) 4. Add Output Mode (Command = 25)	VTB1.21
17	2012/03/15	V2.6	1. Fix Example Example function code from 0 change to 1 2. Function 148, 149 "Switch Behavior』 change to "Hot Plug』	VTB 1.24

*Notice:

- 1. The RS-232 command is for VP-728 and VP-729 only.
- 2. The blue highlight ____ means the latest update
- 3. The yellow highlight means the deleted item.

1 Serial Configuration:

Baud rate : 9600(Bits per second)Data bits : 8bits

Data bits: 8bitsParity: NoneStop bits: 1bit

2 Command Format:

2.1 Communication confirm

Send	CR
Reply	CRLF>

2.2 Set Command

Send	Y∆Control_Type∆Function∆ParamCR
Reply	Z∆Control_Type∆Function∆ParamCRLF>

2.3 Get Command

Send	Y∆Control_Type∆FunctionCR
Reply	Z∆Control_Type∆Function∆ParamCRLF>

2.4 Example: set Input 1 Source Type to Component

Send	Y△0△ <mark>1</mark> △0CR
Reply	Z ⁰ 0 ¹ 0CRLF>

2.5 Example: get current Input 1 Source Type

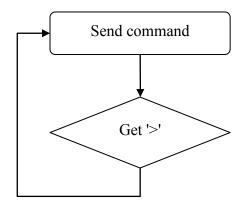
Send	Y△1△	<mark>1</mark> CR
Reply	Z△1△	1 ⁴ 0CRLF >

2.6 Δ : ASCII Code 0x20

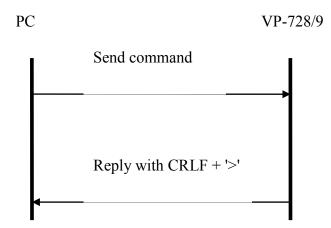
2.7 CR: Ascii Code 0x0D

2.8 CRLF: Ascii Code 0x0D+0x0A

2.9 Communication flow



2.10 Communication limitation



3 Command List:

Contro	I Type	Function	Developed	Description
Set	Get		Parameter	Description
			0: Input 1	
			1: Input 2	
			2: Input 3	
			3: Input 4	
0	1	0	4: VGA 1	Input Source
			5: VGA 2	
			6: HDMI 1	
			7: HDMI 2	
			8: USB	
			0: Component	
0	1	1	1: YC	Input 1 Source Type
			2: Video	
			0: Component	
0	1	2	1: YC	Input 2 Source Type
			2: Video	
			0: Component	
0	1	3	1: YC	Input 3 Source Type
			2: Video	
			0: Component	
0	1	4	1: YC	Input 4 Source Type
			2: Video	
			0: Auto	
0	1	5	1: RGB	Input Color Format
			2: YUV	

Contro	I Type	Franction	Devemeter	Decemention
Set	Get	Function	Parameter	Description
0	1	6	0: Auto 1: NTSC 2: PAL 3: PAL-M 4: PAL-N 5: NTSC 4.43 6: SECAM 7: PAL-60	Input Video Standard
0	1	7	1 ~ N	Input H-Position, N: changed with different input mode
0	1	8	2 ~ N	Input H-Position, N: changed with different input mode
0	1	9	0 ~ N	Input H-Position, N: changed with different input mode
0	1	10	0 ~ 31	Input Phase
0	-	11	n/a	Input Auto Image
0	1	12	0~100	Picture Brightness
0	1	13	0~100	Picture Contrast
0	1	14	0~100	Picture Color
0	1	15	0~360	Picture Hue
0	1	16	0~100	Picture Sharpness
0	1	17	0: Gamma 1 1: Gamma 2 2: Gamma 3 3: Gamma 4	Picture Output Gamma

Contro	Control Type		Davamatav	Description
Set	Get	Function	Parameter	Description
			4: Gamma 5	
			0: Auto	
0	1	18	1: Video	Picture Film Mode
			2: Film	
			0: Off	
0	1	19	1: Low	Picture Temporal NR
U		19	2: Medium	Ficture remporar NK
			3: High	
			0: Off	
	1	20	1: Low	Picture Mosquito NR
0			2: Medium	Ficture Mosquito NR
			3: High	
			0: Off	
0	1	21	1: On	Picture Block NR
			0: Off	
0	1	22	1: Low	Picture Detail Enhancement
			2: Medium	
			3: High	
			0: Off	
0	1	23	1: Low	Picture Luma Transition Enhance
			2: High	

Contro	I Туре	Function	Parameter	Description
Set	Get	Function	Parameter	Description
			0: Off	
0	1	24	1: Low	Picture Chroma Transition Enhance
			2: High	
			0 : Native HDMI	
			1:640x480@60Hz	
			2 : 640x480@75Hz	
			3:800x600@50Hz	
			4:800x600@60Hz	
			5:800x600@75Hz	
			6:1024x768@50Hz	
			7:1024x768@60Hz	
			8 : 1024x768@75Hz	
	1		9: 1280x768@50Hz	
0		25	10: 1280x768@60Hz	Output Decelution
0		25	11: 1280x720@60Hz	Output Resolution
			12: 1280x800@60Hz	
			13: 1280x1024@50Hz	
			14: 1280x1024@60Hz	
			15: 1280x1024@75Hz	
			16: 1366x768@50Hz	
			17: 1366x768@60Hz	
			18: 1400x1050@50Hz	
			19: 1400x1050@60Hz	
			20: 1600x1200@50Hz	
			21: 1600x1200@60Hz	

Contro	Control Type		Dava-mata-r	Description
Set	Get	Function	Parameter	Description
			22: 1680x1050@60Hz	
			23: 1920x1080@60Hz	
			24: 1920x1200@60Hz	
			25: 480p@60Hz	
			26: 576p@60Hz	
			27: 720p@50Hz	
			28: 720p@60Hz	
			29: 1080i@50Hz	
			30: 1080i@60Hz	
			31: 1080p@50Hz	
			32: 1080p@60Hz	
			33: 480P@59.94Hz	
			34: 720P@59.94Hz	
			35: 1080i@59.94Hz	
			36: 1080P@23.98Hz	
			37: 1080P@29.97Hz	
			38: 1080P@59.94Hz	
			96: Custom1	
			97: Custom2	
			98: Custom3	
			99: Custom4	
			0: Auto	
0	1	26	1: HDMI	Output HDMI Type
			2: DVI	

Conti	Control Type		Davision	Donosinki su	
Set	Get	Function	Parameter	Description	
0	1	27	0: Best Fit 1: Letterbox 2: Follow Output 3: Virtual Wide 4: Follow Input 5: Custom	Aspect Ratio	
0	1	28	-16 ~ 16	H-Pan	
0	1	29	-16 ~ 16	V-Pan	
0	1	30	-8 ~ 8	H-Zoom	
0	1	31	-8 ~ 8	V-Zoom	
0	1	32	0: 100% 1: 150% 2: 200% 3: 225% 4: 250% 5: 275% 6: 300% 7: 325% 8: 350% 9: 375% 10: 400% 11: Custom	Zoom	
0	1	33	0 ~ 32	Custom Zoom	
0	1	34	0 ~ 31	Zoom H-Pan	
0	1	35	0 ~ 31	Zoom V-Pan	

Control Type		Function	David marketing	Description	
Set	Get	Function	Parameter	Description	
0	1	36	0: Off	PIP On/Off	
U	1	30	1: On	FIF OII/OII	
			0: Picture-In-Picture		
0	1	37	1: Picture + Picture	PIP Type	
			2: Split		
			0: Input 1		
			1: Input 2		
			2: Input 3		
0	1	38	3: Input 4	PIP Source	
U	1		4: VGA 1	-ir Source	
			5: VGA 2		
			6: HDMI 1		
			7: HDMI 2		
		39	0: 1/25		
			1: 1/16		
0	1		2: 1/9	PIP Size	
			3: 1/4		
			4: Custom		
0	1	40	0 ~ 128	PIP H-Position	
0	1	41	0 ~ 128	PIP V-Position	
0	1	42	0 ~ 255	PIP H-Size	
0	1	43	0 ~ 255	PIP V-Size	
0	4	4.4	0: Off	DID F	
0	1	44	1: On	PIP Frame	

Contro	Control Type		Dorometer	Description	
Set	Get	Function	Parameter	Description	
			0: Red		
0	1	45	1: Green	PIP Frame Color	
			2: Blue		
0	1	46	0: Analog	Audio Input Type	
0	'	10	1: S/PDIF	Addio Iliput Type	
0	1	47	-22~0~+22	Audio Input Volume	
0	1	48	-100~24	Audio Output Volume	
0	-		111	Volume Up	
0	-		-111	Volume Down	
0	1	49	-36~0~+36	Audio Bass	
0	1	50	-36~0~+36	Audio Treble	
0	1	51	-10~10	Audio Balance	
0	1	52	0: Off	Audio Loudness	
U	1		1: On	Addio Loudiless	
0	1	53	0: Dynamic	Audio Delay	
0	'	33	1: User Define	Addio Delay	
	1	54	0~340(step 2)	User Delay	
			0: No audio		
			1: Input 1		
			2: Input 2		
0	1	55	3: Input 3	Audio Input For USB	
			4: Input 4		
			5: VGA1		
			6: VGA2		

Control Type		Frankisa	Dougrander	Description
Set	Get	Function	Parameter	Description
			0: Keystone	
0	1	56	1: Anyplace	Geometry Application
			2: Rotation	
			0: Front	
0	1	57	1: Ceiling	Coometry Legation
U		57	2: Rear	Geometry Location
			3: Rear ceiling	
0	1	58	-40 ~ 40	Geometry Horizontal Keystone
0	1	59	-30~30	Geometry Vertical Keystone
0	1	60	-2000~2000	Geometry Diagonal Projection – Top Left H
0	1	61	-2000~2000	Geometry Diagonal Projection – Top Left V
0	1	62	-2000~2000	Geometry Diagonal Projection – Top Right H
0	1	63	-2000~2000	Geometry Diagonal Projection – Top Right V
0	1	64	-2000~2000	Geometry Diagonal Projection – Bottom Left H
0	1	65	-2000~2000	Geometry Diagonal Projection – Bottom Left V
0	4	00	-2000~2000	Geometry Diagonal Projection – Bottom Right
0	1	66		Н
0	4			Geometry Diagonal Projection – Bottom Right
0	1 67		-2000~2000	V
0	-	68	n/a	Geometry Diagonal Projection – Reset
0	1	69	-20 ~ 20	Geometry Pincushion/Barrel
0	1	70	-180 ~ 180	Geometry Rotation
0	-	71	n/a	Geometry Reset all
0		70	0: Profile 1	0 - 0 - 111 - 1
0	-	72	1: Profile 2	Save Setting

ontrol Type	Function	Dovometev	Description
Get	Function	Parameter	Description
		2: Profile 3	
		3: Profile 4	
		4: Profile 5	
		5: Profile 6	
		6: Profile 7	
		7: Profile 8	
		0: Profile 1	
		1: Profile 2	
		2: Profile 3	
	70	3: Profile 4	Decall Catting
-	73	4: Profile 5	Recall Setting
		5: Profile 6	
		6: Profile 7	
		7: Profile 8	
1	74	0: Off	Frame Lock
1		1: On	Frame Lock
-	75	n/a	Factory Reset
1	76	n/a	Firmware Revision
4	77	0: 1400x1050x60	Mada Cat. Mada 4
1	177	1: 1680x1050x60	Mode Set – Mode 1
4	70	0: 1280x1024x75	Made Oct. Made O
1	/8	1: 1280x1024x76	Mode Set – Mode 2
		0: Center	
1	79	1: Top Left	OSD Menu Position
		2: Top Right	
	- 1 1 1 1	- 73 1 74 - 75 1 76 1 77 1 78	Cet

Contr	Control Type		Dawamatau	Description	
Set	Get	Function	Parameter	Description	
			3: Bottom Left		
			4: Bottom Right		
			0: 5 sec		
			1: 10 sec		
			2: 20 sec		
0	1	80	3: 30 sec	OSD Time Out	
			4: 60 sec		
			5: 90 sec		
			6: Off		
		81 1:	0: Off		
0	1		1: On	Logo	
			2: Custom		
0	4	82	0: Black	Plank Calar	
0	1		1: Blue	Blank Color	
0	-	83	n/a	Capture	
			0: Black		
			1: Blue	D. d d	
0	1	84	2: Custom	Background	
			3: Disable Analog Sync		
		0.5	0: Off		
0	1	85	1: On	Save Lock	
•	4		0: Off		
0	1	86	1: On	Input Lock	
0	4	0.7	0: Blank & Mute	District to the forest to the second	
0	1	87	1: Blank	Blank key function	

Control Type		Function	Parameter	Description	
Set	Get	Function	Parameter	Description	
			2: Mute		
			0: Freeze & Mute		
0	1	88	1: Freeze	Freeze key function	
			2: Mute		
0	1	89	0: Off	Freeze	
0	'	09	1: On	110020	
0	1	90	0: Off	Blank	
<u> </u>	'	00	1: On	Blank	
0	1	91	0: Off	Power	
			1: On		
0	-	92	n/a	Info	
0	-	93	n/a	Menu	
0	-	94	n/a	Тор	
0	-	95	n/a	Down	
0	-	96	n/a	Left	
0	-	97	n/a	Right	
0	-	98	n/a	Enter	
0	-	99	n/a	Picture	
0	-	100	n/a	Swap	
0	4	101	0: Off		
0	I		1: On	Mute	

Contro	Control Type		Parameter			Description
Set	Get	Function	F	Faranielei		Description
0	1	102	0: Off			Lock
			1: On			
			0: 640x480	60		
			1: 640x480	67	Mac13	
			2: 640x480	72		
			3: 640x480	75		
			4: 640x480	85		
			5: 720x400	70		
			6: 720x400	85		
			7: 800x600	56		
			8: 800x600	60		
			9: 800x600	72		
			10: 800x600	75		
-	1	103	11: 800x600	85		Main Input status
			12: 832x624	75	Mac16	
			13: 1024x768	60		
			14: 1024x768	70		
			15: 1024x768	75		
			16: 1024x768	75	Mac19	
			17: 1024x768	85		
			18: 1024x800	84	Sun	
			19: 1152x864	75		
			20: 1152x870	75	Mac21	
			21: 1152x900	66	Sun	
			22: 1152x900	76	Sun	

Control	Control Type		Davianiata	Decemention
Set	Get	Function	Parameter	Description
			23: 1280x960 60	
			24: 1280x960 85	
			25: 1280x768 60	
			26: 1280x1024 60	
			27: 1280x1024 75	
			28: 1280x1024 76 Sun	
			29: 1280x1024 85	
			30: 1400x1050 60	
			31: 1400x1050 75	
			32: 1600x1200 60	
			33: 1680x1050 60	
			34: 1080i 60	
			35: 1080i 50	
			36: 1080p 60	
			37: 1080p 50	
			38: 720p60 60	
			39: 720p50 50	
			40: 480i	
			41: 480p	
			42: 576i	
			43: 576p	
			44: 1280x800 60(Reduce blank)	
			45: 1920x1200 60	
			46: 1920x1080 60	
			47: 1280x720 60	

Contro	Control Type		Downwoodow	Description
Set	Get	Function	Parameter	Description
			48: 1080p 24	
			49: 1280x800 60	
			50: 1440x900 60	
			51: 1440x900 60(Reduce blank)	
			52: 1280x768_60 (Reduce blank)	
			53: 1680x1050 60(Reduce blank)	
			54: 1366x768 60	
			55: 1366x768_60 (Reduce blank)	
			94: Custom1	
			95: Custom2	
			96: Custom3	
			97: Custom4	
			98: No Input detected	
			99: other	
			101: NTSC	
			102: PAL	
			103: PAL-M	
			104: PAL-N	
			105: NTSC 4.43	
			106: SECAM	
			107: PAL-60	

Contro	Control Type		Downwater		December
Set	Get	Function		arameter	Description
		Function 104	0: 640x480 60 1: 640x480 67 2: 640x480 72 3: 640x480 75 4: 640x480 85 5: 720x400 70 6: 720x400 85 7: 800x600 60 9: 800x600 72 10: 800x600 75 11: 800x600 85 12: 832x624 75 13: 1024x768 14: 1024x768 15: 1024x768 16: 1024x768 17: 1024x768 18: 1024x768 18: 1024x800 19: 1152x864 20: 1152x870 21: 1152x900 22: 1152x900	60 70 75 75 Mac19 85 84 Sun 75 Mac21 66 Sun 76 Sun	PIP Input status
			16: 1024x768 17: 1024x768 18: 1024x800 19: 1152x864 20: 1152x870 21: 1152x900	75 Mac19 85 84 Sun 75 75 Mac21 66 Sun	

Contro	I Туре	F	Davamatav	Description
Set	Get	Function	Parameter	Description
			25: 1280x768 60	
			26: 1280x1024 60	
			27: 1280x1024 75	
			28: 1280x1024 76 Sun	
			29: 1280x1024 85	
			30: 1400x1050 60	
			31: 1400x1050 75	
			32: 1600x1200 60	
			33: 1680x1050 60	
			34: 1080i 60	
			35: 1080i 50	
			36: 1080p 60	
			37: 1080p 50	
			38: 720p60	
			39: 720p50	
			40: 480i	
			41: 480p	
			42: 576i	
			43: 576p	
			44: 1280x800 60(Reduce blank)	
			45: 1920x1200 60	
			46: 1920x1080 60	
			47: 1280x720 60	
			48: 1080p 24	
			49: 1280x800 60	

Contro	I Туре	Frankisa	Parameter	Description
Set	Get	Function	Parameter	Description
			50: 1440x900 60	
			51: 1440x900 60(Reduce blank)	
			52: 1280x768_60 (Reduce blank)	
			53: 1680x1050 60(Reduce blank)	
			54: 1366x768 60	
			55: 1366x768_60 (Reduce blank)	
			94: Custom1	
			95: Custom2	
			96: Custom3	
			97: Custom4	
			98: No Input detected	
			99: other	
			101: NTSC	
			102: PAL	
			103: PAL-M	
			104: PAL-N	
			105: NTSC 4.43	
			106: SECAM	
			107: PAL-60	
0	1	105	512~3071	Advance Input Mode: HT

Contro	I Type	Function	Parameter	Description
Set	Get	Function	Parameter	Description
0	1	106	32~(HS-48)	Advance Input Mode: HW
0	1	107	80~(HT-HA-12)	Advance Input Mode: HS
0	1	108	640~1920 <= (HT-92)	Advance Input Mode: HA
0	1	109	O: Negative polarity 1: Positive polarity	Advance Input Mode: HP

Contro	l Type	Function	Parameter	Description
Set	Get	Function	Parameter	Description
0	1	110	384~2047	Advance Input Mode: VT
0	1	111	2~(HS-13)	Advance Input Mode: VW
0	1	112	15~(VT-VA-1)	Advance Input Mode: VS
0	1	113	480~1200 <= (VT-16)	Advance Input Mode: VA

Contro	I Туре	Function	Parameter	Description
Set	Get	Function	Parameter	Description
0	1	114	Negative polarity Positive polarity	Advance Input Mode: VP
0	1	115	25 < OCLK < 165	Advance Input Mode: OCLK(Integer)
0	1	116	25 < OCLK < 165	Advance Input Mode: OCLK(Decimal)
0	1	117	0: Off 1: On	Advance Input Mode: Enable

Contro	I Type	Function	Parameter	Description
Set	Get	Function	Parameter	Description
0	-	118	n/a	Advance Input Mode: Save
0	1	119	512~3071	Advance Output Mode: HT
0	1	120	32~(HS-48)	Advance Output Mode: HW
0	1	121	80~(HT-HA-12)	Advance Output Mode: HS

Contro	I Туре	Function	Parameter	Deceription
Set	Get	Function	Parameter	Description
0	1	122	640~1920 <= (HT-92)	Advance Output Mode: HA
0	1	123	O: Negative polarity 1: Positive polarity	Advance Output Mode: HP
0	1	124	384~2047	Advance Output Mode: VT
0	1	125	2~(HS-13)	Advance Output Mode: VW

Control	Туре	Function	Parameter	Description
Set	Get	Function	Parameter	Description
0	1	126	15~(VT-VA-1)	Advance Output Mode: VS
0	1	127	480~1200 <= (VT-16)	Advance Output Mode: VA
0	1	11 /X	Negative polarity Positive polarity	Advance Output Mode: VP
0	1	129	25 < OCLK < 165	Advance Output Mode: OCLK(Integer)

Control	Туре	Frankisa	Downwater	Description
Set	Get	Function	Parameter	Description
0	1	130	25 < OCLK < 165	Advance Output Mode: OCLK(Decimal)
0	-	131	n/a	Advance Output Mode: Save
0	-	132	n/a	Advance Output Mode: Set Current
0	-	133	n/a	Volume Up
0	-	134	n/a	Volume Down
0	1	135	0: Follow Output 1: Follow Input	HDCP Setting
0	1	136	0:Custom1 1:Custom2 2:Custom3 3:Custom4	Advance Input Mode: Custom Input

Contro	I Туре	Function	Parameter	Description
Set	Get	Function	Parameter	Description
0	1	137	0:Custom1 1:Custom2 2:Custom3 3:Custom4	Advance Output Mode: Custom Output
0	1	138	0: Off 1: On	Overscan
0	1	139	0: Seamless 1: Fast	Switching Mode
0	1	140	0: Manual 1: Auto	Auto Image Mode
0	-	141	n/a	Slideshow Start
0	-	142	n/a	Slideshow Stop
0	-	143	n/a	Slideshow Pause
0	-	144	n/a	Slideshow Next
0	-	145	n/a	Slideshow Previous

Contro	I Туре	Function	Davamatav	Description
Set	Get	Function	Parameter	Description
0	1	146	0: Min 1: Low 2: Mid 3: Long 4: Max 5: Off	Slideshow
0	1	147	0: 1280x768x60 1: 1366x768x60	Mode Set – Mode 3
0	1	148	0 : Off 1 : On	HDMI1 Hot Plug
0	1	149	0 : Off 1 : On	HDMI2 Hot Plug
0	1	150	0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : VGA 1 5 : VGA 2 6 : HDMI 1	HDMI1 Audio Input
0	1	151	0 : Input 1 1 : Input 2	HDMI2Audio Input

Contro	I Туре	Function	Parameter	Description
Set	Get	Function	Parameter	Description
			5 : VGA 2 6 : HDMI 2	
0	-	152	-	Custom Output Read HDMI EDID Prefer Timing
0	1	153	0 : Off 1 : On	HDMI1 Input HDCP On/Off
0	1	154	0 : Off 1 : On	HDMI2Input HDCP On/Off

4 Error Code

Error code	Description
ERR 1	Unknown command
ERR 2	Unknown function
ERR 3	Unavailable function
ERR 4	Unknown control type
ERR 5	Unavailable get function
ERR 6	Unavailable set function
ERR 7	Unavailable parameter
ERR 8	Too few arguments