

Control Commands

Model No. PT-FRZ55



- Please refer to the Operating Instructions for the serial command format, limitations, connection and other details.
- シリアルコマンドのフォーマット、制限事項、接続方法およびその他詳細につきましては、各モデルの取扱説明書をご覧ください。
- 有关串行控制命令的格式、限制事项、连接方法以及其他详情、请参阅各机型的使用说明书。

Panasonic

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		FRZ60		
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	FRZ55			
BASIC OPERATIO N REMOTE CONTROL	POWER	ON		PON	QPW	001		✓		
		OFF (STANDBY)		POF		000		✓		
	VOLUME	UP		AUU				✓		
		DOWN		AUD				✓		
	INPUT SELECT	COMPUTER1			IIS: RG1	QIN	RG1		✓	
		COMPUTER2			IIS: RG2		RG2	✓		
		VIDEO			IIS: VID		VID	✓		
		HDMI1			IIS: HD1		HD1	✓		
		HDMI2			IIS: HD2		HD2	✓		
		DIGITAL LINK			IIS: DL1		DL1	✓		
	INPUT SELECT (DIGITAL LINK)	COMPUTER1			IIS: DL1: PC1	QIN	DL1: PC1		✓	
		COMPUTER2			IIS: DL1: PC2		DL1: PC2	✓		
		VIDEO			IIS: DL1: VID		DL1: VID	✓		
		HDMI1			IIS: DL1: HD1		DL1: HD1	✓		
		HDMI2			IIS: DL1: HD2		DL1: HD2	✓		
	FREEZE	OFF			OFZ: 0	QFZ	0		✓	
		ON			OFZ: 1		1	✓		
	MENU KEY				OMN				✓	
	RETURN KEY				OBK				✓	
	ENTER KEY				OEN				✓	
	UP KEY				OCU				✓	
	DOWN KEY				OCD				✓	
	LEFT KEY				OCL				✓	
	RIGHT KEY				OCR				✓	
	DEFAULT KEY				OST				✓	
	AUTO SETUP KEY				OAS				✓	
	SHUTTER	OFF			OSH: 0	QSH	0		✓	
		ON			OSH: 1		1	✓		
	SHUTTER(Toggle)	OFF			OSH	QSH	0		✓	
		ON					1	✓		
	FUNCTION KEY				FC1				✓	
	SYSTEM SELCTOR KEY				OSL				✓	
	ASPECT KEY				VS1				✓	
	ECO				OEC				✓	
	NUMERIC KEY	0			ONK: 0				✓	
		1			ONK: 1				✓	
		2			ONK: 2				✓	
		3			ONK: 3				✓	
		4			ONK: 4				✓	
		5			ONK: 5				✓	
		6			ONK: 6				✓	
		7			ONK: 7				✓	
		8			ONK: 8				✓	
		9			ONK: 9				✓	
	LENS HOME POSITION	EXECUTE			VXX: LNSI 1=+00001				✓	
LENS SHIFT-HORIZONTAL	SLOW+			VXX: LNSI 2=+00000				✓		
	SLOW-			VXX: LNSI 2=+00001				✓		
	NORMAL+			VXX: LNSI 2=+00100				✓		
	NORMAL-			VXX: LNSI 2=+00101				✓		
	FAST+			VXX: LNSI 2=+00200				✓		
	FAST-			VXX: LNSI 2=+00201				✓		
LENS SHIFT-VERTICAL	SLOW+			VXX: LNSI 3=+00000				✓		
	SLOW-			VXX: LNSI 3=+00001				✓		
	NORMAL+			VXX: LNSI 3=+00100				✓		
	NORMAL-			VXX: LNSI 3=+00101				✓		
	FAST+			VXX: LNSI 3=+00200				✓		
	FAST-			VXX: LNSI 3=+00201				✓		
LENS FOCUS	SLOW+			VXX: LNSI 4=+00000				✓		
	SLOW-			VXX: LNSI 4=+00001				✓		
	NORMAL+			VXX: LNSI 4=+00100				✓		
	NORMAL-			VXX: LNSI 4=+00101				✓		
	FAST+			VXX: LNSI 4=+00200				✓		
	FAST-			VXX: LNSI 4=+00201				✓		
STATUS KEY			STS				✓			
LENS FOCUS KEY			OLF				✓			
LENS SHIFT KEY			OLH				✓			
DIGITAL LINK KEY			DLK				✓			
INPUT MENU KEY			IPT				✓			
SCREEN ADJUSTMENT			OSA				✓			
AUDIO MUTE	OFF			AMT: 0	QMF	0		✓		
	ON			AMT: 1		1	✓			
SELF DIAGNOSIS					QVX: ERRS1	ERRS1=****		✓		
PICTURE MODE	DYNAMIC			VPM DYN	QPM	DYN		✓		
	NATURAL			VPM NAT		NAT	✓			
	STANDARD			VPM STD		STD	✓			
	CINEMA			VPM CIN		CIN	✓			
	GRAPHIC			VPM GRA		GRA	✓			
	DICOM SIM.			VPM DIC		DIC	✓			
	REC709			VPM 709		709	✓			
	CONTRAST	+1				VCM: 001	QVR	001		✓
		+63				VCM: 063		063	✓	
	BRIGHTNESS	+1				VBR: 001	QVB	001		✓
+63				VBR: 063	063	✓				
COLOR	+1			VCO: 001	QVC	001		✓		
	+63			VCO: 063		063	✓			
TINT	+1			VTN: 001	QVT	001		✓		
	+63			VTN: 063		063	✓			
SHARPNESS	0			VSR: 000	QVS	000		✓		
	15			VSR: 015		015	✓			
WHITE GAIN	0			VWH: 00	QWH	00		✓		
	10			VWH: 10		10	✓			
COLOR TEMPERATURE	LOW			OTE: 0	QTE	0		✓		
	HIGH			OTE: 2		2	✓			
	USER1(USER)			OTE: 04		4	✓			
	DEFAULT			OTE: 10		10	✓			
COLOR TEMP-NAME SETTING USER1	COLORTEMP1			VXX: NCGS1=COLORTEMP1	QVX: NCGS1	NCGS1=COLORTEMP1		✓		
COLOR TEMP-NAME CLEAR USER1	COLORTEMP1			VXX: NCLI 1=+00000				✓		
WHITE BALANCE LOW-RED	-127			VOR: 001	QOR	001		✓		
WHITE BALANCE LOW-GREEN	-127			VOC: 001	QOG	001		✓		
	+127			VOC: 255		255	✓			
WHITE BALANCE LOW-BLUE	-127			VOB: 001	QOB	001		✓		
	+127			VOB: 255		255	✓			
WHITE BALANCE HIGH-RED	0			VHR: 000	QHR	000		✓		
	+255			VHR: 255		255	✓			
WHITE BALANCE HIGH-GREEN	0			VHG: 000	QHG	000		✓		
	+255			VHG: 255		255	✓			
WHITE BALANCE HIGH-BLUE	0			VHB: 000	QHB	000		✓		
	+255			VHB: 255		255	✓			
GAMMA	1.8			VGA: 1. 8	QGA	1. 8		✓		
	2.0			VGA: 2. 0		2. 0	✓			
	2.2			VGA: 2. 2		2. 2	✓			
	DEFAULT			VGA: DEF		DEF	✓			
DAYLIGHT VIEW	OFF			VXX: DLVI 0=+00000	QVX: DLVI 0	DLVI 0=+00000		✓		

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		FRZ60
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	FRZ55	
		AUTO		VXX: DLVI 0=+00001		DLVI 0=+00001		✓
		1		VXX: DLVI 0=+00002		DLVI 0=+00002		✓
		2		VXX: DLVI 0=+00003		DLVI 0=+00003		✓
		3		VXX: DLVI 0=+00004		DLVI 0=+00004		✓
	NOISE REDUCTION	OFF		VNS: 0	QNS	0		✓
		1		VNS: 1		1		✓
		2		VNS: 2		2		✓
		3		VNS: 3		3		✓
	DYNAMIC CONTRAST/IRIS	OFF		OAI: 0	QAI	0		✓
		1		OAI: 1		1		✓
	2		OAI: 2		2		✓	
TV-SYSTEM	AUTO1		VSG: AT1	QSG	AT1		✓	
	NTSC		VSG: NTS		NTS		✓	
	NTSC4.43		VSG: N44		N44		✓	
	PAL		VSG: PAL		PAL		✓	
	PAL-M		VSG: PAM		PAM		✓	
	PAL-N		VSG: PAN		PAN		✓	
	PAL60		VSG: P60		P60		✓	
	SECAM		VSG: SEC		SEC		✓	
SYSTEM SELECTOR RGB(VGA/480P)	VGA60		ORF: 0	QRF	0		✓	
	480P(YCbCr)		ORF: 1		1		✓	
	480p(RGB)		ORF: 3		3		✓	
SYSTEM SELECTOR RGB(Other)/DVI/SLOT-DVI	RGB		ORF: 0	QRF	0		✓	
	YpPr		ORF: 1		1		✓	
SYSTEM SELECTOR HDMI/DIGITAL LINK/SLOT-HDMI	RGB		ORF: 0	QRF	0		✓	
	YpPr		ORF: 1		1		✓	
	AUTO		ORF: 2		2		✓	
GEOMETRY	OFF		VXX: GMMI 0=+00000	QVX: GMMI 0	GMMI 0=+00000		✓	
	KEYSTONE		VXX: GMMI 0=+00001		GMMI 0=+00001		✓	
	CURVED		VXX: GMMI 0=+00002		GMMI 0=+00002		✓	
	PC-1		VXX: GMMI 0=+00003		GMMI 0=+00003		✓	
	PC-2		VXX: GMMI 0=+00004		GMMI 0=+00004		✓	
	PC-3		VXX: GMMI 0=+00005		GMMI 0=+00005		✓	
	CORNER-CORRECTION		VXX: GMMI 0=+00010		GMMI 0=+00010		✓	
	GEOMETRY-KEYSTONE- LENS THROW RATIO	0.7	0.1 step	VXX: GMKS0=+00. 7	QVX: GMKS0	GMKS0=+00. 7		✓
		16.5		VXX: GMKS0=+16. 5		GMKS0=+16. 5		✓
	GEOMETRY-KEYSTONE- VERTICAL BALANCE	-60		VXX: GMKI 4=- 00060	QVX: GMKI 4	GMKI 4=- 00060		✓
	+60		VXX: GMKI 4=+00060		GMKI 4=+00060		✓	
GEOMETRY-KEYSTONE- HORIZONTAL BALANCE	-30		VXX: GMKI 7=- 00030	QVX: GMKI 7	GMKI 7=- 00030		✓	
	+30		VXX: GMKI 7=+00030		GMKI 7=+00030		✓	
GEOMETRY-KEYSTONE- VERTICAL KEYSTONE	-40.0 (-45.0)*	0.2 step	VXX: GMKS8=- 40. 0	QVX: GMKS8	GMKS8=- 40. 0		✓	
	+40.0 (+45.0)*		VXX: GMKS8=+40. 0		GMKS8=+40. 0		✓	
GEOMETRY-KEYSTONE- HORIZONTAL KEYSTONE	-15.0 (-40.0)*	0.2 step	VXX: GMKS9=- 15. 0	QVX: GMKS9	GMKS9=- 15. 0		✓	
	+15.0 (+40.0)*		VXX: GMKS9=+15. 0		GMKS9=+15. 0		✓	
GEOMETRY-CURVED-LENS THROW RATIO	0.7	0.1 step	VXX: GMCS0=+00. 7	QVX: GMCS0	GMCS0=+00. 7		✓	
	16.5		VXX: GMCS0=+16. 5		GMCS0=+16. 5		✓	
GEOMETRY-CURVED- VERTICAL ARC	-50 (-100)*		VXX: GMCI 3=- 00050	QVX: GMCI 3	GMCI 3=- 00050		✓	
	+50 (+100)*		VXX: GMCI 3=+00050		GMCI 3=+00050		✓	
GEOMETRY-CURVED- HORIZONTAL ARC	-50 (-100)*		VXX: GMCI 7=- 00050	QVX: GMCI 7	GMCI 7=- 00050		✓	
	+50 (+100)*		VXX: GMCI 7=+00050		GMCI 7=+00050		✓	
GEOMETRY-CURVED- VERTICAL BALANCE	-60		VXX: GMCI 2=- 00060	QVX: GMCI 2	GMCI 2=- 00060		✓	
	+60		VXX: GMCI 2=+00060		GMCI 2=+00060		✓	
GEOMETRY-CURVED- HORIZONTAL BALANCE	-30		VXX: GMCI 6=- 00030	QVX: GMCI 6	GMCI 6=- 00030		✓	
	+30		VXX: GMCI 6=+00030		GMCI 6=+00030		✓	
GEOMETRY-CURVED- VERTICAL KEYSTONE	-40.0 (-45.0)*	0.2 step	VXX: GMCS8=- 40. 0	QVX: GMCS8	GMCS8=- 40. 0		✓	
	+40.0 (+45.0)*		VXX: GMCS8=+40. 0		GMCS8=+40. 0		✓	
GEOMETRY-CURVED- HORIZONTAL KEYSTONE	-15.0 (-40.0)*	0.2 step	VXX: GMCS9=- 15. 0	QVX: GMCS9	GMCS9=- 15. 0		✓	
	+15.0 (+40.0)*		VXX: GMCS9=+15. 0		GMCS9=+15. 0		✓	
GEOMETRY-CURVED- MAINTAIN ASPECT RATIO	OFF		VXX: GMCI A=+00000	QVX: GMCI A	GMCI A=+00000		✓	
	ON		VXX: GMCI A=+00001		GMCI A=+00001		✓	
GEOMETRY-CORNER CORRECTION- UPPER LEFT(V)	min.		VXX: GMFI 1=+00000	QVX: GMFI 1	GMFI 1=+00000	0	✓	
	max.		VXX: GMFI 1=+00300		GMFI 1=+00300	+300	✓	
GEOMETRY-CORNER CORRECTION- UPPER RIGHT(V)	min.		VXX: GMFI 2=+00000	QVX: GMFI 2	GMFI 2=+00000	0	✓	
	max.		VXX: GMFI 2=+00300		GMFI 2=+00300	+300	✓	
GEOMETRY-CORNER CORRECTION- LOWER LEFT(V)	min.		VXX: GMFI 3=- 00300	QVX: GMFI 3	GMFI 3=- 00300	-300	✓	
	max.		VXX: GMFI 3=+00000		GMFI 3=+00000	0	✓	
GEOMETRY-CORNER CORRECTION- LOWER RIGHT(V)	min.		VXX: GMFI 4=- 00300	QVX: GMFI 4	GMFI 4=- 00300	-300	✓	
	max.		VXX: GMFI 4=+00000		GMFI 4=+00000	0	✓	
GEOMETRY-CORNER CORRECTION- LINEARITY(V)	min.		VXX: GMFI 5=- 00127	QVX: GMFI 5	GMFI 5=- 00127	-127	✓	
	max.		VXX: GMFI 5=+00127		GMFI 5=+00127	+127	✓	
GEOMETRY-CORNER CORRECTION- UPPER LEFT(H)	min.		VXX: GMFI 6=+00000	QVX: GMFI 6	GMFI 6=+00000	0	✓	
	max.		VXX: GMFI 6=+00480		GMFI 6=+00480	+480	✓	
GEOMETRY-CORNER CORRECTION- UPPER RIGHT(H)	min.		VXX: GMFI 7=- 00480	QVX: GMFI 7	GMFI 7=- 00480	-480	✓	
	max.		VXX: GMFI 7=+00000		GMFI 7=+00000	0	✓	
GEOMETRY-CORNER CORRECTION- LOWER LEFT(H)	min.		VXX: GMFI 8=+00000	QVX: GMFI 8	GMFI 8=+00000	0	✓	
	max.		VXX: GMFI 8=+00480		GMFI 8=+00480	+480	✓	
GEOMETRY-CORNER CORRECTION- LOWER RIGHT(H)	min.		VXX: GMFI 9=- 00480	QVX: GMFI 9	GMFI 9=- 00480	-480	✓	
	max.		VXX: GMFI 9=+00000		GMFI 9=+00000	0	✓	
GEOMETRY-CORNER CORRECTION- LINEARITY(H)	min.		VXX: GMFI A=- 00127	QVX: GMFI A	GMFI A=- 00127	-127	✓	
	max.		VXX: GMFI A=+00127		GMFI A=+00127	+127	✓	
SHIFT-HORIZONTAL	0		VTH: 0000	QTH	0000		✓	
	+4095		VTH: 4095		4095		✓	
SHIFT-VERTICAL	0		VTV: 0000	QTV	0000		✓	
	+4094		VTV: 4094		4094		✓	
CLOCK PHASE	0		VCP: 000	QCP	000		✓	
	+31		VCP: 031		063		✓	
ASPECT	AUTO/VID AUTO/DEFAULT		VSE: 0	QSE	0		✓	
	NORMAL(4:3)		VSE: 1		1		✓	
	WIDE(16:9)		VSE: 2		2		✓	
	NATIVE(through)		VSE: 5		5		✓	
	FULL(HV FIT)		VSE: 6		6		✓	
	H-FIT		VSE: 9		9		✓	
	V-FIT		VSE: 10		10		✓	
ZOOM-HORIZONTAL	50		OZH: 050	QZH	050		✓	
	999		OZH: 999		999		✓	
ZOOM-VERTICAL	50		OZV: 050	QZV	050		✓	
	999		OZV: 999		999		✓	
ZOOM-BOTH	50		OZO: 050	QZO	050		✓	
	999		OZO: 999		999		✓	
ZOOM-INTERLOCKED	OFF		OZS: 0	QZS	0		✓	
	ON		OZS: 1		1		✓	
ZOOM-MODE	INTERNAL		OZT: 0	QZT	0		✓	
	FULL		OZT: 1		1		✓	
DIGITAL CINEMA REALITY	AUTO		OPD: 0	QPD	0		✓	
	OFF		OPD: 1		1		✓	
	30p/25p FIXED		OPD: 2		2		✓	
BLANKING-UPPER	min.		DBU: 000	QLU	000	0	✓	
	max.		DBU: 2398		2398	599	✓	
BLANKING-LOWER	min.		DBB: 000	QLB	000	0	✓	
	max.		DBB: 2398		2398	599	✓	
BLANKING-RIGHT	min.		DBR: 000	QLR	000	0	✓	
	max.		DBR: 3838		3838	959	✓	
BLANKING-LEFT	min.		DBL: 000	QLL	000	0	✓	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		FRZ60
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	FRZ55	
ADVANCED		max.		DBL: 3838			3838	959
	INPUT RESOLUTION-TOTAL DOTS	330		VTD: 0330	QTD		0330	✓
		4095		VTD: 4095			4095	✓
	INPUT RESOLUTION-DISPLAY DOTS	300		VDD: 0300	QDD		0300	✓
		4065		VDD: 4065			4065	✓
	INPUT RESOLUTION-TOTAL LINES	155		VTL: 0155	QTL		0155	✓
		2047		VTL: 2047			2047	✓
	INPUT RESOLUTION-DISPLAY LINES	150		VDL: 0150	QDL		0150	✓
		2037		VDL: 2037			2037	✓
	CLAMP POSITION	1		VLT: 001	QLT		001	✓
		255		VLT: 255			255	✓
	CUSTOM MASKING *	OFF		VXX: MSKI 1=+00000	QVX: MSKI 1		MSKI 1=+00000	✓
		PC-1		VXX: MSKI 1=+00001			MSKI 1=+00001	✓
		PC-2		VXX: MSKI 1=+00002			MSKI 1=+00002	✓
		PC-3		VXX: MSKI 1=+00003			MSKI 1=+00003	✓
	EDGE BLENDING	OFF		VXX: EDBI 0=+00000	QVX: EDBI 0		EDBI 0=+00000	✓
		ON		VXX: EDBI 0=+00001			EDBI 0=+00001	✓
		USER		VXX: EDBI 0=+00002			EDBI 0=+00002	✓
	EDGE BLENDING-UPPER ON/OFF	OFF		VGU: 0	QGU		0	✓
		ON		VGU: 1			1	✓
	EDGE BLENDING-LOWER ON/OFF	OFF		VGB: 0	QGB		0	✓
		ON		VGB: 1			1	✓
	EDGE BLENDING-LEFT ON/OFF	OFF		VGL: 0	QGL		0	✓
		ON		VGL: 1			1	✓
	EDGE BLENDING-RIGHT ON/OFF	OFF		VGR: 0	QGR		0	✓
		ON		VGR: 1			1	✓
	EDGE BLENDING-START-UPPER	min.		VEU: 0000	QEU		0000	✓
		max.		VEU: 2272			2272	✓
	EDGE BLENDING-START-LOWER	min.		VEB: 0000	QEB		0000	✓
		max.		VEB: 2272			2272	✓
	EDGE BLENDING-START-LEFT	min.		VEL: 0000	QEL		0000	✓
		max.		VEL: 3712			3712	✓
	EDGE BLENDING-START-RIGHT	min.		VER: 0000	QER		0000	✓
		max.		VER: 3712			3712	✓
	EDGE BLENDING-WIDTH-UPPER	min.		VXX: EUWI 0=+00000	QVX: EUWI 0		EUWI 0=+00000	✓
		max.		VXX: EUWI 0=+02272			EUWI 0=+02272	✓
	EDGE BLENDING-WIDTH-LOWER	min.		VXX: EBWI 0=+00000	QVX: EBWI 0		EBWI 0=+00000	✓
		max.		VXX: EBWI 0=+02272			EBWI 0=+02272	✓
	EDGE BLENDING-WIDTH-LEFT	min.		VXX: ELWI 0=+00000	QVX: ELWI 0		ELWI 0=+00000	✓
		max.		VXX: ELWI 0=+03712			ELWI 0=+03712	✓
	EDGE BLENDING-WIDTH-RIGHT	min.		VXX: ERWI 0=+00000	QVX: ERWI 0		ERWI 0=+00000	✓
		max.		VXX: ERWI 0=+03712			ERWI 0=+03712	✓
	EDGE BLENDING-MARKER-ON/OFF	OFF		VGM 0	QGM		0	✓
		ON		VGM 1			1	✓
	EDGE BLENDING-NON-OVERLAPPED BLACK LEVEL	0 (W,R,G,B)		VJI : 000, 000, 000, 000	QJI		000, 000, 000, 000	✓
		255 (W,R,G,B)		VJI : 255, 255, 255, 255			255, 255, 255, 255	✓
	EDGE BLENDING-NON-OVERLAPPED BLACK LEVEL-	OFF		VXX: EBI I 1=+00000	QVX: EBI I 1		EBI I 1=+00000	✓
		ON		VXX: EBI I 1=+00001			EBI I 1=+00001	✓
	EDGE BLENDING-BLACK BORDER LEVEL	0 (W,R,G,B)		VJO: 000, 000, 000, 000	QJO		000, 000, 000, 000	✓
		255 (W,R,G,B)		VJO: 255, 255, 255, 255			255, 255, 255, 255	✓
EDGE BLENDING-BLACK BORDER LEVEL-INTERLOCKED	OFF		VXX: EBI I 2=+00000	QVX: EBI I 2		EBI I 2=+00000	✓	
	ON		VXX: EBI I 2=+00001			EBI I 2=+00001	✓	
EDGE BLENDING-BLACK BORDER WIDTH-UPPER	min.		VJU: 0000	QJU		0000	0	
	max.		VJU: 2272			2272	1023	
EDGE BLENDING-BLACK BORDER WIDTH-LOWER	min.		VJB: 0000	QJB		0000	0	
	max.		VJB: 2272			2272	1199	
EDGE BLENDING-BLACK BORDER WIDTH-LEFT	min.		VJL: 0000	QJL		0000	0	
	max.		VJL: 3712			3712	1023	
EDGE BLENDING-BLACK BORDER WIDTH-RIGHT	min.		VJR: 0000	QJR		0000	0	
	max.		VJR: 3712			3712	1919	
EDGE BLENDING-BLACK BORDER WIDTH-UPPER KEYSTONE AREA	min.		VXX: EBBI 4=- 02272	QVX: EBBI 4		EBBI 4=- 02272	-1199	
	max.		VXX: EBBI 4=+02272			EBBI 4=+02272	1919	
EDGE BLENDING-BLACK BORDER WIDTH-LOWER KEYSTONE AREA	min.		VXX: EBBI 5=- 02272	QVX: EBBI 5		EBBI 5=- 02272	-1199	
	max.		VXX: EBBI 5=+02272			EBBI 5=+02272	1919	
EDGE BLENDING-BLACK BORDER WIDTH-LEFT KEYSTONE AREA	min.		VXX: EBBI 6=- 03712	QVX: EBBI 6		EBBI 6=- 03712	-1199	
	max.		VXX: EBBI 6=+03712			EBBI 6=+03712	1919	
EDGE BLENDING-BLACK BORDER WIDTH-RIGHT KEYSTONE AREA	min.		VXX: EBBI 7=- 03712	QVX: EBBI 7		EBBI 7=- 03712	-1199	
	max.		VXX: EBBI 7=+03712			EBBI 7=+03712	1919	
EDGE BLENDING-OVERLAPPED BLACK LEVEL-UPPER	0 (W,R,G,B)		VXX: EBBS0=000, 000, 000, 000	QVX: EBBS0		EBBS0=000, 000, 000, 000	✓	
	255 (W,R,G,B)		VXX: EBBS0=255, 255, 255, 255			EBBS0=255, 255, 255, 255	✓	
EDGE BLENDING-OVERLAPPED BLACK LEVEL-LOWER	0 (W,R,G,B)		VXX: EBBS1=000, 000, 000, 000	QVX: EBBS1		EBBS1=000, 000, 000, 000	✓	
	255 (W,R,G,B)		VXX: EBBS1=255, 255, 255, 255			EBBS1=255, 255, 255, 255	✓	
EDGE BLENDING-OVERLAPPED BLACK LEVEL-LEFT	0 (W,R,G,B)		VXX: EBBS2=000, 000, 000, 000	QVX: EBBS2		EBBS2=000, 000, 000, 000	✓	
	255 (W,R,G,B)		VXX: EBBS2=255, 255, 255, 255			EBBS2=255, 255, 255, 255	✓	
EDGE BLENDING-OVERLAPPED BLACK LEVEL-RIGHT	0 (W,R,G,B)		VXX: EBBS3=000, 000, 000, 000	QVX: EBBS3		EBBS3=000, 000, 000, 000	✓	
	255 (W,R,G,B)		VXX: EBBS3=255, 255, 255, 255			EBBS3=255, 255, 255, 255	✓	
EDGE BLENDING-OVERLAPPED BLACK LEVEL-UPPER	OFF		VXX: EBI I 3=+00000	QVX: EBI I 3		EBI I 3=+00000	✓	
	ON		VXX: EBI I 3=+00001			EBI I 3=+00001	✓	
EDGE BLENDING-OVERLAPPED BLACK LEVEL-LOWER	OFF		VXX: EBI I 4=+00000	QVX: EBI I 4		EBI I 4=+00000	✓	
	ON		VXX: EBI I 4=+00001			EBI I 4=+00001	✓	
EDGE BLENDING-OVERLAPPED BLACK LEVEL-LEFT INTERLOCKED	OFF		VXX: EBI I 5=+00000	QVX: EBI I 5		EBI I 5=+00000	✓	
	ON		VXX: EBI I 5=+00001			EBI I 5=+00001	✓	
EDGE BLENDING-OVERLAPPED BLACK LEVEL-RIGHT	OFF		VXX: EBI I 6=+00000	QVX: EBI I 6		EBI I 6=+00000	✓	
	ON		VXX: EBI I 6=+00001			EBI I 6=+00001	✓	
EDGE BLENDING-AUTO TESTPATTERN	OFF		VXX: EATI 1=+00000	QVX: EATI 1		EATI 1=+00000	✓	
	ON		VXX: EATI 1=+00001			EATI 1=+00001	✓	
FRAME RESPONSE	NORMAL		VXX: FDYI 0=+00000	QVX: FDYI 0		FDYI 0=+00000	✓	
	FAST		VXX: FDYI 0=+00001			FDYI 0=+00001	✓	
RASTER POSITION-HORIZONTAL	-2048		VRH: 2952	QRH		2952	✓	
	+2047		VRH: 7047			7047	✓	
RASTER POSITION-VERTICAL	-2048		VRV: 2952	QRV		2952	✓	
	+2047		VRV: 7047			7047	✓	
DISPLAY LANGUAGE	LANGUAGE	English		OLG: ENG	QLG		ENG	✓
		German		OLG: DEU			DEU	✓
		French		OLG: FRA			FRA	✓
		Spanish		OLG: ESP			ESP	✓
		Italian		OLG: I TL			I TL	✓
		Japanese		OLG: JPN			JPN	✓
		Chinese		OLG: CHI			CHI	✓
		Russian		OLG: RUS			RUS	✓
		Korea		OLG: KOR			KOR	✓
		Portuguse		OLG: POR			POR	✓
		Swedish		OLG: SVE			SVE	✓
		Norwegian		OLG: NOR			NOR	✓
		Danish		OLG: DAN			DAN	✓
		Polish		OLG: POL			POL	✓
		Czech		OLG: CES			CES	✓
	Hungarian		OLG: MAG			MAG	✓	
	Thai		OLG: THA			THA	✓	
	Dutch		OLG: NLD			NLD	✓	
	Finnish		OLG: FIN			FIN	✓	
	Romanian		OLG: RUM			RUM	✓	
	Turkish		OLG: TUR			TUR	✓	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		FRZ60 SERIES
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	FRZ55
		Arabic		OLG: ARA		ARA	✓
		Kazakh		OLG: KAZ		KAZ	✓
		Vietnamese		OLG: VIE		VIE	✓
	COLOR MATCHING	OFF		VXX: CMAI 0=+00000	QVX: CMAI 0	CMAI 0=+00000	✓
		3COLORS		VXX: CMAI 0=+00001		CMAI 0=+00001	✓
		7COLORS		VXX: CMAI 0=+00002		CMAI 0=+00002	✓
		MEASURED		VXX: CMAI 0=+00004		CMAI 0=+00004	✓
	COLOR MATCHING-3COLORS-RED	0 (R,G,B)		VMR: 0000, 0000, 0000	QMR	0000, 0000, 0000	✓
		2048,2048,2048(R,G,B)		VMR: 2048, 2048, 2048		2048, 2048, 2048	✓
	COLOR MATCHING-3COLORS-GREEN	0 (R,G,B)		VMG: 0000, 0000, 0000	QMG	0000, 0000, 0000	✓
		2048,2048,2048(R,G,B)		VMG: 2048, 2048, 2048		2048, 2048, 2048	✓
	COLOR MATCHING-3COLORS-BLUE	0 (R,G,B)		VMB: 0000, 0000, 0000	QMB	0000, 0000, 0000	✓
		2048,2048,2048(R,G,B)		VMB: 2048, 2048, 2048		2048, 2048, 2048	✓
	COLOR MATCHING-3COLORS-WHITE	256 (GAIN)		VMM: 0256	QMW	0256	✓
		2048(GAIN)		VMM: 2048		2048	✓
	COLOR MATCHING-3COLORS-AUTO TESTPATTERN	OFF		VXX: CATI 0=+00000	QVX: CATI 0	CATI 0=+00000	✓
		ON		VXX: CATI 0=+00001		CATI 0=+00001	✓
	COLOR MATCHING-7COLORS-RED	0 (R,G,B)		VXX: C7CS0=0000, 0000, 0000	QVX: C7CS0	C7CS0=0000, 0000, 0000	✓
		2048(R,G,B)		VXX: C7CS0=2048, 2048, 2048		C7CS0=2048, 2048, 2048	✓
	COLOR MATCHING-7COLORS-GREEN	0 (R,G,B)		VXX: C7CS1=0000, 0000, 0000	QVX: C7CS1	C7CS1=0000, 0000, 0000	✓
		2048(R,G,B)		VXX: C7CS1=2048, 2048, 2048		C7CS1=2048, 2048, 2048	✓
	COLOR MATCHING-7COLORS-BLUE	0 (R,G,B)		VXX: C7CS2=0000, 0000, 0000	QVX: C7CS2	C7CS2=0000, 0000, 0000	✓
		2048(R,G,B)		VXX: C7CS2=2048, 2048, 2048		C7CS2=2048, 2048, 2048	✓
	COLOR MATCHING-7COLORS-CYAN	0 (R,G,B)		VXX: C7CS3=0000, 0000, 0000	QVX: C7CS3	C7CS3=0000, 0000, 0000	✓
		2048(R,G,B)		VXX: C7CS3=2048, 2048, 2048		C7CS3=2048, 2048, 2048	✓
	COLOR MATCHING-7COLORS-MAGENTA	0 (R,G,B)		VXX: C7CS4=0000, 0000, 0000	QVX: C7CS4	C7CS4=0000, 0000, 0000	✓
		2048(R,G,B)		VXX: C7CS4=2048, 2048, 2048		C7CS4=2048, 2048, 2048	✓
	COLOR MATCHING-7COLORS-YELLOW	0 (R,G,B)		VXX: C7CS5=0000, 0000, 0000	QVX: C7CS5	C7CS5=0000, 0000, 0000	✓
		2048(R,G,B)		VXX: C7CS5=2048, 2048, 2048		C7CS5=2048, 2048, 2048	✓
	COLOR MATCHING-7COLORS-WHITE	0 (R,G,B)		VXX: C7CS6=0000, 0000, 0000	QVX: C7CS6	C7CS6=0000, 0000, 0000	✓
		2048(R,G,B)		VXX: C7CS6=2048, 2048, 2048		C7CS6=2048, 2048, 2048	✓
	COLOR MATCHING-7COLORS-AUTO TESTPATTERN	OFF		VXX: CATI 1=+00000	QVX: CATI 1	CATI 1=+00000	✓
		ON		VXX: CATI 1=+00001		CATI 1=+00001	✓
	COLOR MATCHING-MEASURED MODE-MEASURED DATA BLACK	0,1,1 (Y,x,y)		VXX: CMMS0=00000, 0001, 0001	QVX: CMMS0	CMMS0=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMMS0=65535, 0999, 0999		CMMS0=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-MEASURED DATA RED	0,1,1 (Y,x,y)		VXX: CMMS1=00000, 0001, 0001	QVX: CMMS1	CMMS1=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMMS1=65535, 0999, 0999		CMMS1=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-MEASURED DATA GREEN	0,1,1 (Y,x,y)		VXX: CMMS2=00000, 0001, 0001	QVX: CMMS2	CMMS2=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMMS2=65535, 0999, 0999		CMMS2=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-MEASURED DATA BLUE	0,1,1 (Y,x,y)		VXX: CMMS3=00000, 0001, 0001	QVX: CMMS3	CMMS3=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMMS3=65535, 0999, 0999		CMMS3=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-MEASURED DATA WHITE	0,1,1 (Y,x,y)		VXX: CMMS4=00000, 0001, 0001	QVX: CMMS4	CMMS4=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMMS4=65535, 0999, 0999		CMMS4=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-TARGET DATA RED	0,1,1 (Y,x,y)		VXX: CMFS0=00000, 0001, 0001	QVX: CMFS0	CMFS0=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMFS0=65535, 0999, 0999		CMFS0=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-TARGET DATA GREEN	0,1,1 (Y,x,y)		VXX: CMFS1=00000, 0001, 0001	QVX: CMFS1	CMFS1=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMFS1=65535, 0999, 0999		CMFS1=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-TARGET DATA BLUE	0,1,1 (Y,x,y)		VXX: CMFS2=00000, 0001, 0001	QVX: CMFS2	CMFS2=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMFS2=65535, 0999, 0999		CMFS2=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-TARGET DATA CYAN	0,1,1 (Y,x,y)		VXX: CMFS3=00000, 0001, 0001	QVX: CMFS3	CMFS3=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMFS3=65535, 0999, 0999		CMFS3=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-TARGET DATA MAGENTA	0,1,1 (Y,x,y)		VXX: CMFS4=00000, 0001, 0001	QVX: CMFS4	CMFS4=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMFS4=65535, 0999, 0999		CMFS4=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-TARGET DATA YELLOW	0,1,1 (Y,x,y)		VXX: CMFS5=00000, 0001, 0001	QVX: CMFS5	CMFS5=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMFS5=65535, 0999, 0999		CMFS5=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-TARGET DATA WHITE	0,1,1 (Y,x,y)		VXX: CMFS6=00000, 0001, 0001	QVX: CMFS6	CMFS6=00000, 0001, 0001	✓
		65535,999,999(Y,x,y)		VXX: CMFS6=65535, 0999, 0999		CMFS6=65535, 0999, 0999	✓
	COLOR MATCHING-MEASURED MODE-AUTO TESTPATTERN	OFF		VXX: CATI 3=+00000	QVX: CATI 3	CATI 3=+00000	✓
		ON		VXX: CATI 3=+00001		CATI 3=+00001	✓
	COLOR CORRECTION	OFF		VCM 0	QMC	0	✓
		USER		VCM 1		1	✓
	COLOR CORRECTION-RED	-30		VXX: CCRI 0=- 00030	QVX: CCRI 0	CCRI 0=- 00030	✓
		+30		VXX: CCRI 0=+00030		CCRI 0=+00030	✓
	COLOR CORRECTION-GREEN	-30		VXX: CCRI 1=- 00030	QVX: CCRI 1	CCRI 1=- 00030	✓
		+30		VXX: CCRI 1=+00030		CCRI 1=+00030	✓
	COLOR CORRECTION-BLUE	-30		VXX: CCRI 2=- 00030	QVX: CCRI 2	CCRI 2=- 00030	✓
		+30		VXX: CCRI 2=+00030		CCRI 2=+00030	✓
	COLOR CORRECTION-CYAN	-30		VXX: CCRI 3=- 00030	QVX: CCRI 3	CCRI 3=- 00030	✓
		+30		VXX: CCRI 3=+00030		CCRI 3=+00030	✓
	COLOR CORRECTION-MAGENTA	-30		VXX: CCRI 4=- 00030	QVX: CCRI 4	CCRI 4=- 00030	✓
		+30		VXX: CCRI 4=+00030		CCRI 4=+00030	✓
	COLOR CORRECTION-YELLOW	-30		VXX: CCRI 5=- 00030	QVX: CCRI 5	CCRI 5=- 00030	✓
		+30		VXX: CCRI 5=+00030		CCRI 5=+00030	✓
	AUTO SIGNAL	OFF		VXX: AASI 0=+00000	QVX: AASI 0	AASI 0=+00000	✓
		ON		VXX: AASI 0=+00001		AASI 0=+00001	✓
	AUTO SETUP -MODE	USER		OAM 0	QAM	0	✓
		DEFAULT		OAM 1		1	✓
		WIDE		OAM 2		2	✓
	AUTO SETUP -POSITION ADJ.	OFF		VXX: APAI 0=+00000	QVX: APAI 0	APAI 0=+00000	✓
		ON		VXX: APAI 0=+00001		APAI 0=+00001	✓
	AUTO SETUP -SIGNAL LEVEL ADJ.	OFF		VXX: ASLI 0=+00000	QVX: ASLI 0	ASLI 0=+00000	✓
		ON		VXX: ASLI 0=+00001		ASLI 0=+00001	✓
	BACKUP INPUT SETTING-BACKUP INPUT	PRIMARY		VXX: BACI 1=+00001	QVX: BACI 1	BACI 1=+00001	✓
		SECONDARY		VXX: BACI 1=+00002		BACI 1=+00002	✓
		TOGGLE		VXX: BACI 1=+00010		BACI 1=+00010	✓
	BACKUP INPUT SETTING-BACKUP INPUT MODE	OFF		VXX: BACI 2=+00000	QVX: BACI 2	BACI 2=+00000	✓
		ON/1		VXX: BACI 2=+00001		BACI 2=+00001	✓
		2		VXX: BACI 2=+00002		BACI 2=+00002	✓
	RGB IN-RGB1 INPUT SETTING	RGB/YBPBR		VXX: RYCI 1=+00000	QVX: RYCI 1	RYCI 1=+00000	✓
		Y/C		VXX: RYCI 1=+00001		RYCI 1=+00001	✓
	RGB IN-RGB1 SYNC SLICE LEVEL	LOW		VXX: STRI 0=+00000	QVX: STRI 0	STRI 0=+00000	✓
		HIGH		VXX: STRI 0=+00001		STRI 0=+00001	✓
	RGB IN-RGB1 EDID MODE	DEFAULT		VXX: EDM 7=+00000	QVX: EDM 7	EDM 7=+00000	✓
		SCREEB FIT		VXX: EDM 7=+00001		EDM 7=+00001	✓
		USER		VXX: EDM 7=+00010		EDM 7=+00010	✓
	RGB IN-RGB1 EDID RESOLUTION	1024x768p		VXX: EDRS7=1024: 0768: p	QVX: EDRS7	EDRS7=1024: 0768: p	✓
		1280x720p		VXX: EDRS7=1280: 0720: p		EDRS7=1280: 0720: p	✓
		1280x768p		VXX: EDRS7=1280: 0768: p		EDRS7=1280: 0768: p	✓
		1280x800p		VXX: EDRS7=1280: 0800: p		EDRS7=1280: 0800: p	✓
		1280x1024p		VXX: EDRS7=1280: 1024: p		EDRS7=1280: 1024: p	✓
		1366x768p		VXX: EDRS7=1366: 0768: p		EDRS7=1366: 0768: p	✓
		1400x1050p		VXX: EDRS7=1400: 1050: p		EDRS7=1400: 1050: p	✓
		1440x900p		VXX: EDRS7=1440: 0900: p		EDRS7=1440: 0900: p	✓
		1600x900p		VXX: EDRS7=1600: 0900: p		EDRS7=1600: 0900: p	✓
		1600x1200p		VXX: EDRS7=1600: 1200: p		EDRS7=1600: 1200: p	✓
		1680x1050p		VXX: EDRS7=1680: 1050: p		EDRS7=1680: 1050: p	✓
		1920x1080p		VXX: EDRS7=1920: 1080: p		EDRS7=1920: 1080: p	✓
		1920x1080i		VXX: EDRS7=1920: 1080: i		EDRS7=1920: 1080: i	✓
		1920x1200p		VXX: EDRS7=1920: 1200: p		EDRS7=1920: 1200: p	✓
	RGB IN-RGB1 EDID VERTICAL SCAN FREQUENCY	60Hz		VXX: EDVI 7=+06000	QVX: EDVI 7	EDVI 7=+06000	✓
		50Hz		VXX: EDVI 7=+05000		EDVI 7=+05000	✓
		48Hz		VXX: EDVI 7=+04800		EDVI 7=+04800	✓
		30Hz		VXX: EDVI 7=+03000		EDVI 7=+03000	✓

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		FRZ60 SERIES
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	FRZ55
DISPLAY OPTION	RGB IN-RGB2 SYNC SLICE LEVEL	25Hz		VXX: EDVI 7=+02500		EDVI 7=+02500	✓
		24Hz		VXX: EDVI 7=+02400		EDVI 7=+02400	✓
	HIGH		VXX: STRI 1=+00000	QVX: STRI 1	STRI 1=+00000	✓	
			VXX: STRI 1=+00001		STRI 1=+00001	✓	
	RGB IN-RGB2 EDID MODE	DEFAULT		VXX: EDM 1=+00000	QVX: EDM 1	EDM 1=+00000	✓
		SCREEB FIT		VXX: EDM 1=+00001		EDM 1=+00001	✓
		USER		VXX: EDM 1=+00010		EDM 1=+00010	✓
	RGB IN-RGB2 EDID RESOLUTION	1024x768p		VXX: EDRS1=1024: 0768: p	QVX: EDRS1	EDRS1=1024: 0768: p	✓
		1280x720p		VXX: EDRS1=1280: 0720: p		EDRS1=1280: 0720: p	✓
		1280x768p		VXX: EDRS1=1280: 0768: p		EDRS1=1280: 0768: p	✓
		1280x800p		VXX: EDRS1=1280: 0800: p		EDRS1=1280: 0800: p	✓
		1280x1024p		VXX: EDRS1=1280: 1024: p		EDRS1=1280: 1024: p	✓
		1366x768p		VXX: EDRS1=1366: 0768: p		EDRS1=1366: 0768: p	✓
		1400x1050p		VXX: EDRS1=1400: 1050: p		EDRS1=1400: 1050: p	✓
		1440x900p		VXX: EDRS1=1440: 0900: p		EDRS1=1440: 0900: p	✓
		1600x900p		VXX: EDRS1=1600: 0900: p		EDRS1=1600: 0900: p	✓
		1600x1200p		VXX: EDRS1=1600: 1200: p		EDRS1=1600: 1200: p	✓
		1680x1050p		VXX: EDRS1=1680: 1050: p		EDRS1=1680: 1050: p	✓
		1920x1080p		VXX: EDRS1=1920: 1080: p		EDRS1=1920: 1080: p	✓
		1920x1080i		VXX: EDRS1=1920: 1080: i		EDRS1=1920: 1080: i	✓
		1920x1200p		VXX: EDRS1=1920: 1200: p		EDRS1=1920: 1200: p	✓
	RGB IN-RGB2 EDID VERTICAL SCAN FREQUENCY	60Hz		VXX: EDVI 1=+06000	QVX: EDVI 1	EDVI 1=+06000	✓
		50Hz		VXX: EDVI 1=+05000		EDVI 1=+05000	✓
		48Hz		VXX: EDVI 1=+04800		EDVI 1=+04800	✓
		30Hz		VXX: EDVI 1=+03000		EDVI 1=+03000	✓
		25Hz		VXX: EDVI 1=+02500		EDVI 1=+02500	✓
	HDMI IN-EDID MODE	DEFAULT		VXX: EDM 3=+00000	QVX: EDM 3	EDM 3=+00000	✓
		SCREEN FIT		VXX: EDM 3=+00001		EDM 3=+00001	✓
		USER		VXX: EDM 3=+00010		EDM 3=+00010	✓
	HDMI IN-EDID RESOLUTION	1024x768p		VXX: EDRS3=1024: 0768: p	QVX: EDRS3	EDRS3=1024: 0768: p	✓
		1280x720p		VXX: EDRS3=1280: 0720: p		EDRS3=1280: 0720: p	✓
		1280x768p		VXX: EDRS3=1280: 0768: p		EDRS3=1280: 0768: p	✓
		1280x800p		VXX: EDRS3=1280: 0800: p		EDRS3=1280: 0800: p	✓
		1280x1024p		VXX: EDRS3=1280: 1024: p		EDRS3=1280: 1024: p	✓
		1366x768p		VXX: EDRS3=1366: 0768: p		EDRS3=1366: 0768: p	✓
		1400x1050p		VXX: EDRS3=1400: 1050: p		EDRS3=1400: 1050: p	✓
		1440x900p		VXX: EDRS3=1440: 0900: p		EDRS3=1440: 0900: p	✓
		1600x900p		VXX: EDRS3=1600: 0900: p		EDRS3=1600: 0900: p	✓
		1600x1200p		VXX: EDRS3=1600: 1200: p		EDRS3=1600: 1200: p	✓
		1680x1050p		VXX: EDRS3=1680: 1050: p		EDRS3=1680: 1050: p	✓
		1920x1080p		VXX: EDRS3=1920: 1080: p		EDRS3=1920: 1080: p	✓
		1920x1080i		VXX: EDRS3=1920: 1080: i		EDRS3=1920: 1080: i	✓
		1920x1200p		VXX: EDRS3=1920: 1200: p		EDRS3=1920: 1200: p	✓
	HDMI IN-EDID VERTICAL SCAN FREQUENCY	60Hz		VXX: EDVI 3=+06000	QVX: EDVI 3	EDVI 3=+06000	✓
		50Hz		VXX: EDVI 3=+05000		EDVI 3=+05000	✓
		48Hz		VXX: EDVI 3=+04800		EDVI 3=+04800	✓
		30Hz		VXX: EDVI 3=+03000		EDVI 3=+03000	✓
		25Hz		VXX: EDVI 3=+02500		EDVI 3=+02500	✓
	HDMI IN-HDMI1 SIGNAL LEVEL	0-1023		VXX: HSLI 1=+00000	QVX: HSLI 1	HSLI 1=+00000	✓
		64-940		VXX: HSLI 1=+00001		HSLI 1=+00001	✓
		AUTO		VXX: HSLI 1=+00002		HSLI 1=+00002	✓
	HDMI IN-HDMI2 SIGNAL LEVEL	0-1023		VXX: HSLI 2=+00000	QVX: HSLI 2	HSLI 2=+00000	✓
64-940			VXX: HSLI 2=+00001		HSLI 2=+00001	✓	
AUTO			VXX: HSLI 2=+00002		HSLI 2=+00002	✓	
HDMI IN-HDMI1 EDID SELECT	4K/60p		VXX: HESI 1=+00000	QVX: HESI 1	HESI 1=+00000	✓	
	4K/30p		VXX: HESI 1=+00001		HESI 1=+00001	✓	
	2K		VXX: HESI 1=+00002		HESI 1=+00002	✓	
HDMI IN-HDMI2 EDID SELECT	4K/60p		VXX: HESI 2=+00000	QVX: HSLI 2	HSLI 2=+00000	✓	
	4K/30p		VXX: HESI 2=+00001		HSLI 2=+00001	✓	
	2K		VXX: HESI 2=+00002		HSLI 2=+00002	✓	
HDMI IN-HDM2 EDID MODE	DEFAULT		VXX: EDM 6=+00000	QVX: EDM 3	EDM 6=+00000	✓	
	SCREEN FIT		VXX: EDM 6=+00001		EDM 6=+00001	✓	
	USER		VXX: EDM 6=+00010		EDM 6=+00010	✓	
HDMI IN-HDMI2 EDID RESOLUTION	1024x768p		VXX: EDRS6=1024: 0768: p	QVX: EDRS3	EDRS6=1024: 0768: p	✓	
	1280x720p		VXX: EDRS6=1280: 0720: p		EDRS6=1280: 0720: p	✓	
	1280x768p		VXX: EDRS6=1280: 0768: p		EDRS6=1280: 0768: p	✓	
	1280x800p		VXX: EDRS6=1280: 0800: p		EDRS6=1280: 0800: p	✓	
	1280x1024p		VXX: EDRS6=1280: 1024: p		EDRS6=1280: 1024: p	✓	
	1366x768p		VXX: EDRS6=1366: 0768: p		EDRS6=1366: 0768: p	✓	
	1400x1050p		VXX: EDRS6=1400: 1050: p		EDRS6=1400: 1050: p	✓	
	1440x900p		VXX: EDRS6=1440: 0900: p		EDRS6=1440: 0900: p	✓	
	1600x900p		VXX: EDRS6=1600: 0900: p		EDRS6=1600: 0900: p	✓	
	1600x1200p		VXX: EDRS6=1600: 1200: p		EDRS6=1600: 1200: p	✓	
	1680x1050p		VXX: EDRS6=1680: 1050: p		EDRS6=1680: 1050: p	✓	
	1920x1080p		VXX: EDRS6=1920: 1080: p		EDRS6=1920: 1080: p	✓	
	1920x1080i		VXX: EDRS6=1920: 1080: i		EDRS6=1920: 1080: i	✓	
	1920x1200p		VXX: EDRS6=1920: 1200: p		EDRS6=1920: 1200: p	✓	
HDMI IN-HDMI2 EDID VERTICAL SCAN FREQUENCY	60Hz		VXX: EDVI 6=+06000	QVX: EDVI 3	EDVI 6=+06000	✓	
	50Hz		VXX: EDVI 6=+05000		EDVI 6=+05000	✓	
	48Hz		VXX: EDVI 6=+04800		EDVI 6=+04800	✓	
	30Hz		VXX: EDVI 6=+03000		EDVI 6=+03000	✓	
	25Hz		VXX: EDVI 6=+02500		EDVI 6=+02500	✓	
DIGITAL LINK-SIGNAL LEVEL	AUTO		VXX: DKLI 1=+00000	QVX: DKLI 1	DKLI 1=+00000	✓	
	0-1023		VXX: DKLI 1=+00001		DKLI 1=+00001	✓	
	64-940		VXX: DKLI 1=+00002		DKLI 1=+00002	✓	
DIGITAL LINK-EDID SELECT (SINGLE LINK)	EDID1:4K/60p		VXX: LESI 1=+00000	QVX: LESI 1	LESI 1=+00000	✓	
	EDID2:4K/30p		VXX: LESI 1=+00001		LESI 1=+00001	✓	
	EDID3:2K		VXX: LESI 1=+00002		LESI 1=+00002	✓	
DIGITAL LINK-EDID MODE	DEFAULT		VXX: EDM 4=+00000	QVX: EDM 4	EDM 4=+00000	✓	
	SCREEN FIT		VXX: EDM 4=+00001		EDM 4=+00001	✓	
	USER		VXX: EDM 4=+00010		EDM 4=+00010	✓	
DIGITAL LINK-EDID RESOLUTION	1024x768p		VXX: EDRS4=1024: 0768: p	QVX: EDRS4	EDRS4=1024: 0768: p	✓	
	1280x720p		VXX: EDRS4=1280: 0720: p		EDRS4=1280: 0720: p	✓	
	1280x768p		VXX: EDRS4=1280: 0768: p		EDRS4=1280: 0768: p	✓	
	1280x800p		VXX: EDRS4=1280: 0800: p		EDRS4=1280: 0800: p	✓	
	1280x1024p		VXX: EDRS4=1280: 1024: p		EDRS4=1280: 1024: p	✓	
	1366x768p		VXX: EDRS4=1366: 0768: p		EDRS4=1366: 0768: p	✓	
	1400x1050p		VXX: EDRS4=1400: 1050: p		EDRS4=1400: 1050: p	✓	
	1440x900p		VXX: EDRS4=1440: 0900: p		EDRS4=1440: 0900: p	✓	
	1600x900p		VXX: EDRS4=1600: 0900: p		EDRS4=1600: 0900: p	✓	
	1600x1200p		VXX: EDRS4=1600: 1200: p		EDRS4=1600: 1200: p	✓	
	1680x1050p		VXX: EDRS4=1680: 1050: p		EDRS4=1680: 1050: p	✓	
	1920x1080p		VXX: EDRS4=1920: 1080: p		EDRS4=1920: 1080: p	✓	
	1920x1080i		VXX: EDRS4=1920: 1080: i		EDRS4=1920: 1080: i	✓	
	1920x1200p		VXX: EDRS4=1920: 1200: p		EDRS4=1920: 1200: p	✓	
DIGITAL LINK-EDID VERTICAL SCAN FREQUENCY	60Hz		VXX: EDVI 4=+06000	QVX: EDVI 4	EDVI 4=+06000	✓	
	50Hz		VXX: EDVI 4=+05000		EDVI 4=+05000	✓	
	48Hz		VXX: EDVI 4=+04800		EDVI 4=+04800	✓	
	30Hz		VXX: EDVI 4=+03000		EDVI 4=+03000	✓	
	25Hz		VXX: EDVI 4=+02500		EDVI 4=+02500	✓	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		FRZ60	
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	FRZ55	
	INPUT GUIDE	24Hz		VXX: EDVI 4=+02400		EDVI 4=+02400	✓	
		OFF		OI D: 0	QDI	0	✓	
	ON (SIMPLE)		OI D: 1		1	✓		
	OSD POSITION	UPPER LEFT		ODP: 1	QDP	1	✓	
		CETRE LEFT		ODP: 2		2	✓	
		LOWER LEFT		ODP: 3		3	✓	
		TOP CENTER		ODP: 4		4	✓	
		CENTER		ODP: 5		5	✓	
		LOEER CENTER		ODP: 6		6	✓	
		UPPER RIGHT		ODP: 7		7	✓	
		CENTER RIGHT		ODP: 8		8	✓	
		LOWER RIGHT		ODP: 9		9	✓	
	OSD ROTATION	OFF		VXX: OSRI 1=+00000	QVX: OSRI 1	OSRI 1=+00000	✓	
		CLOCKWISE		VXX: OSRI 1=+00001		OSRI 1=+00001	✓	
		COUNTER CLOCKWISE		VXX: OSRI 1=+00002		OSRI 1=+00002	✓	
	OSD MEMORY	OFF		VXX: OMYI 0=+00000	QVX: OMYI 0	OMYI 0=+00000	✓	
		ON		VXX: OMYI 0=+00001		OMYI 0=+00001	✓	
	ON SCREEN	OFF		OOS: 0	QOS	0	✓	
		ON		OOS: 1		1	✓	
	WARNING MESSAGE	OFF		VXX: WMDI 0=+00000	QVX: WMDI 0	WMDI 0=+00000	✓	
		ON		VXX: WMDI 0=+00001		WMDI 0=+00001	✓	
	OSD DESIGN	1(YELLOW)		MOD: 0	QOD	0	✓	
		2(BLUE)		MOD: 1		1	✓	
		3(WHITE)		MOD: 2		2	✓	
		4(GREEN)		MOD: 3		3	✓	
		5(PEACH)		MOD: 4		4	✓	
		6(BROWN)		MOD: 5		5	✓	
	CLOSED CAPTION SETTING	OFF		OCC: 0	QCC	0	✓	
		CC1		OCC: 1		1	✓	
		CC2		OCC: 2		2	✓	
		CC3		OCC: 3		3	✓	
		CC4		OCC: 4		4	✓	
	IMAGE ROTATION	OFF		VXX: IROI 1=+00000	QVX: IROI 1	IROI 1=+00000	✓	
		CLOCKWISE		VXX: IROI 1=+00001		IROI 1=+00001	✓	
		COUNTER CLOCKWISE		VXX: IROI 1=+00002		IROI 1=+00002	✓	
	SCREEN SETTING	16:10		VSF: 0	QSF	0	✓	
		16:9		VSF: 1		1	✓	
		4:3		VSF: 2		2	✓	
	SCREEN POSITION-VERTICAL	min.		VXX: VSPI 0=- 00120	QVX: VSPI 0	VSPI 0=- 00120	-60	
		max.		VXX: VSPI 0=+00120		VSPI 0=+00120	60	
	SCREEN POSITION-HORORIZONTAL	min.		VXX: HSPI 0=- 00320	QVX: HSPI 0	HSPI 0=- 00320	-160	
		max.		VXX: HSPI 0=+00320		HSPI 0=+00320	+160	
	STARTUP LOGO	OFF		MLO: 0	QLO	0	✓	
		USER LOGO		MLO: 1		1	✓	
		DEFAULT LOGO		MLO: 2		2	✓	
	UNIFORMITY-PC CORRECTION *	OFF		VXX: UFMI 1=+00000	QVX: UFMI 1	UFMI 1=+00000	✓	
		ON(PC)		VXX: UFMI 1=+00001		UFMI 1=+00001	✓	
	UNIFORMITY-WHITE/RED/GREEN/RED	* PARAMETER		ESW: *, ***, ***, **	ESR: *, **	*, ***, ***, **	✓	
		* PARAMETER 1	WHITE		ESW: W, ***, ***, **	ESR: W, **	*, ***, ***, **	✓
			RED		ESW: R, ***, ***, **	ESR: R, **	*, ***, ***, **	✓
			GREEN		ESW: G, ***, ***, **	ESR: G, **	*, ***, ***, **	✓
			BLUE		ESW: B, ***, ***, **	ESR: B, **	*, ***, ***, **	✓
		* PARAMETER 2	VERTICAL(-127)		ESW: *, - 127, ***, **	ESR: *, **	*, - 127, ***, **	✓
			VERTICAL(+127)		ESW: *, +127, ***, **	ESR: *, **	*, +127, ***, **	✓
		* PARAMETER 3	HORIZONTAL(-127)		ESW: *, ***, - 127, **	ESR: *, **	*, ***, - 127, **	✓
			HORIZONTAL(+127)		ESW: *, ***, +127, **	ESR: *, **	*, ***, +127, **	✓
		* PARAMETER 4	L1(OFF)		ESW: *, ***, ***, 0*	ESR: *, 0*	0*, ***, ***, **	✓
			L1(ON)		ESW: *, ***, ***, 1*	ESR: *, 1*	1*, ***, ***, **	✓
			L2(OFF)		ESW: *, ***, ***, *0	ESR: *, *0	*0, ***, ***, **	✓
			L2(ON)		ESW: *, ***, ***, *1	ESR: *, *1	*1, ***, ***, **	✓
	SHUTTER SETTING-FADE IN	0.0s(OFF)		VXX: SEFS1=0. 0	QVX: SEFS1	SEFS1=0. 0	✓	
		0.5s		VXX: SEFS1=0. 5		SEFS1=0. 5	✓	
		1.0s		VXX: SEFS1=1. 0		SEFS1=1. 0	✓	
		1.5s		VXX: SEFS1=1. 5		SEFS1=1. 5	✓	
		2.0s		VXX: SEFS1=2. 0		SEFS1=2. 0	✓	
		2.5s		VXX: SEFS1=2. 5		SEFS1=2. 5	✓	
		3.0s		VXX: SEFS1=3. 0		SEFS1=3. 0	✓	
		3.5s		VXX: SEFS1=3. 5		SEFS1=3. 5	✓	
		4.0s		VXX: SEFS1=4. 0		SEFS1=4. 0	✓	
		5.0s		VXX: SEFS1=5. 0		SEFS1=5. 0	✓	
		7.0s		VXX: SEFS1=7. 0		SEFS1=7. 0	✓	
	10.0s		VXX: SEFS1=10. 0		SEFS1=10. 0	✓		
	SHUTTER SETTING-FADE OUT	0.0s(OFF)		VXX: SEFS2=0. 0	QVX: SEFS2	SEFS2=0. 0	✓	
		0.5s		VXX: SEFS2=0. 5		SEFS2=0. 5	✓	
		1.0s		VXX: SEFS2=1. 0		SEFS2=1. 0	✓	
		1.5s		VXX: SEFS2=1. 5		SEFS2=1. 5	✓	
		2.0s		VXX: SEFS2=2. 0		SEFS2=2. 0	✓	
		2.5s		VXX: SEFS2=2. 5		SEFS2=2. 5	✓	
		3.0s		VXX: SEFS2=3. 0		SEFS2=3. 0	✓	
		3.5s		VXX: SEFS2=3. 5		SEFS2=3. 5	✓	
		4.0s		VXX: SEFS2=4. 0		SEFS2=4. 0	✓	
		5.0s		VXX: SEFS2=5. 0		SEFS2=5. 0	✓	
		7.0s		VXX: SEFS2=7. 0		SEFS2=7. 0	✓	
	10.0s		VXX: SEFS2=10. 0		SEFS2=10. 0	✓		
	SHUTTER SETTING-STARTUP	OPEN		VXX: SEFI 3=+00000	QVX: SEFI 3	SEFI 3=+00000	✓	
		CLOSE		VXX: SEFI 3=+00001		SEFI 3=+00001	✓	
	BACK COLOR	BLUE		OBC: 0	QBC	0	✓	
		BLACK		OBC: 1		1	✓	
		USER LOGO		OBC: 2		2	✓	
		DEFAULT LOGO		OBC: 3		3	✓	
	WAVEFORM MONITOR	OFF		OWM: 0	QWM	0	✓	
		LUMINANCE		OWM: 5		5	✓	
		RED		OWM: 6		6	✓	
		GREEN		OWM: 7		7	✓	
		BLUE		OWM: 8		8	✓	
	WAVEFORM MONITOR-LINE ADJ.	0		VXX: WMLI 0=+00000	QVX: WMLI 0	WMLI 0=+00000	✓	
		+2159		VXX: WMLI 0=+02159		WMLI 0=+02159	✓	
	CUT OFF-RED	OFF		VXX: CUTI 1=+00000	QVX: CUTI 1	CUTI 1=+00000	✓	
		ON		VXX: CUTI 1=+00001		CUTI 1=+00001	✓	
	CUT OFF-GREEN	OFF		VXX: CUTI 2=+00000	QVX: CUTI 2	CUTI 2=+00000	✓	
ON			VXX: CUTI 2=+00001		CUTI 2=+00001	✓		
CUT OFF-BLUE	OFF		VXX: CUTI 3=+00000	QVX: CUTI 3	CUTI 3=+00000	✓		
	ON		VXX: CUTI 3=+00001		CUTI 3=+00001	✓		
COMPUTER1 INPUT/OUTPUT	RGB/YBPBR		VXX: RYCI 1=+00000	QVX: RYCI 1	RYCI 1=+00000	✓		
	Y/C		VXX: RYCI 1=+00001		RYCI 1=+00001	✓		
COMPUTER2 INOUT/OUTPUT SELECT	COMPUTER2 IN		ORI : 2I N	QRI	2I N	✓		
	COMPUTER2 OUT		ORI : 2OU		2OU	✓		
PROJECTOR ID	0(ALL)		RIS: 00			✓		
	64		RIS: 64			✓		
PROJECTION METHOD INSTALLATION	FRONT/DESK		OIL: 0	QSP	0	✓		
	REAR/DESK		OIL: 1		1	✓		
	FRONT/CEILING		OIL: 2		2	✓		
	REAR/CEILING		OIL: 3		3	✓		

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		FRZ60	
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	FRZ55		
	PROJECTION METHOD(AUTO)	FRONT/AUTO		OIL: 4		4		✓	
		REAR/AUTO		OIL: 5		5		✓	
	AUTO COOLING CONDITION-STATUS	FRONT/DESK			QVX: PJMI 2		PJMI 2=+00000		✓
		REAR/DESK					PJMI 2=+00001		✓
		FRONT/CEILING					PJMI 2=+00002		✓
		REAR/CEILING					PJMI 2=+00003		✓
	HIGH ALTITUDE MODE	FLOOR			QVX: ADRI 1		ADRI 1=+00000		✓
		CEILING					ADRI 1=+00001		✓
		VERTICAL UP					ADRI 1=+00002		✓
		VERTICAL DOWN					ADRI 1=+00003		✓
	OPERATING MODE	Under 2700m(OFF)		OFM 0	QFM		0		✓
		Over 2700m(ON)		OFM 1			1		✓
	LIGHT OUTPUT	NORMAL		VXX: OPEI 1=+00000	QVX: OPEI 1		OPEI 1=+00000		✓
		ECO		VXX: OPEI 1=+00001			OPEI 1=+00001		✓
		SILENT		VXX: OPEI 1=+00002			OPEI 1=+00002		✓
		LONG LIFE1		VXX: OPEI 1=+00011			OPEI 1=+00011		✓
		LONG LIFE2		VXX: OPEI 1=+00012			OPEI 1=+00012		✓
		LONG LIFE3		VXX: OPEI 1=+00013			OPEI 1=+00013		✓
		USER1(USER)		VXX: OPEI 1=+00101			OPEI 1=+00101		✓
		USER2		VXX: OPEI 1=+00102			OPEI 1=+00102		✓
		USER3		VXX: OPEI 1=+00103			OPEI 1=+00103		✓
		MAX LIGHT OUTPUT	min.		VXX: LOPI 2=+00050	QVX: LOPI 2		LOPI 2=+00050	
	max.			VXX: LOPI 2=+01000			LOPI 2=+01000		100%
	ECO MANAGEMENT-AUTO POWER SAVE	min.		VXX: LOPI 3=+00050	QVX: LOPI 3		LOPI 3=+00050		5%
		max.		VXX: LOPI 3=+01000			LOPI 3=+01000		100%
	ECO MANAGEMENT-AMBIENT LIGHT DETECTION	OFF		VXX: ECOI 0=+00000	QVX: ECOI 0		ECOI 0=+00000		✓
		ON		VXX: ECOI 0=+00001			ECOI 0=+00001		✓
	BRIGHTNESS CONTROL-SETUP-CALIBRATION TIME	OFF		VXX: ECOI 1=+00000	QVX: ECOI 1		ECOI 1=+00000		✓
		ON		VXX: ECOI 1=+00001			ECOI 1=+00001		✓
	BRIGHTNESS CONTROL-SETUP-CALIBRATION MESSAGE	00:01		VXX: BTMI 1=+00000	QVX: BTMI 1		BTMI 1=+00000		✓
		23:59		VXX: BTMI 1=+00001			BTMI 1=+00001		✓
		00:00		VXX: BTMI 1=+02359			BTMI 1=+02359		✓
		00:00		VXX: BTMI 1=+02400			BTMI 1=+02400		✓
	BRIGHTNESS CONTROL-SETUP-CONSTANT MODE	OFF		VXX: BMGI 1=+00000	QVX: BMGI 1		BMGI 1=+00000		✓
		ON		VXX: BMGI 1=+00001			BMGI 1=+00001		✓
	BRIGHTNESS CONTROL-SETUP-LINK	OFF		VXX: BCMI 0=+00000	QVX: BCMI 0		BCMI 0=+00000		✓
		AUTO		VXX: BCMI 0=+00001			BCMI 0=+00001		✓
		PC		VXX: BCMI 0=+00002			BCMI 0=+00002		✓
	BRIGHTNESS CONTROL-SETUP-APPLY STANDBY MODE	OFF		VXX: BCLI 0=+00000	QVX: BCLI 0		BCLI 0=+00000		✓
		GROUP A		VXX: BCLI 0=+00001			BCLI 0=+00001		✓
		GROUP B		VXX: BCLI 0=+00002			BCLI 0=+00002		✓
		GROUP C		VXX: BCLI 0=+00003			BCLI 0=+00003		✓
	QUICK STARTUP	GROUP D		VXX: BCLI 0=+00004			BCLI 0=+00004		✓
		OFF		VXX: BCSI 0=+00001					✓
	QUICK STARTUP-VALID PERIOD	NORMAL		VXX: STMI 0=+00000	QVX: STMI 0		STMI 0=+00000		✓
		ECO		VXX: STMI 0=+00003			STMI 0=+00003		✓
	SCHEDULE	OFF		VXX: QSUI 1=+00000	QVX: QSUI 1		QSUI 1=+00000		✓
		ON		VXX: QSUI 1=+00001			QSUI 1=+00001		✓
	SCHEDULE-PROGRAM ASSIGN	30MIN.		VXX: QSUI 2=+00030	QVX: QSUI 2		QSUI 2=+00030		✓
		60MIN.		VXX: QSUI 2=+00060			QSUI 2=+00060		✓
90MIN.			VXX: QSUI 2=+00090			QSUI 2=+00090		✓	
OFF			VXX: SCHI 0=+00000	QVX: SCHI 0		SCHI 0=+00000		✓	
SCHEDULE-COMMAND SETTING	ON		VXX: SCHI 0=+00001			SCHI 0=+00001		✓	
	OFF		VXX: SPGI *=+00000	QVX: SPGI *		SPGI *=+00000		✓	
	PROGRAM1		VXX: SPGI *=+00001			SPGI *=+00001		✓	
	PROGRAM2		VXX: SPGI *=+00002			SPGI *=+00002		✓	
	PROGRAM3		VXX: SPGI *=+00003			SPGI *=+00003		✓	
	PROGRAM4		VXX: SPGI *=+00004			SPGI *=+00004		✓	
	PROGRAM5		VXX: SPGI *=+00005			SPGI *=+00005		✓	
	PROGRAM6		VXX: SPGI *=+00006			SPGI *=+00006		✓	
	PROGRAM7		VXX: SPGI *=+00007			SPGI *=+00007		✓	
	* PARAMETER	SUN		VXX: SPGI 0=+0000*	QVX: SPGI 0		SPGI 0=+0000*		✓
		MON		VXX: SPGI 1=+0000*	QVX: SPGI 1		SPGI 1=+0000*		✓
		TUE		VXX: SPGI 2=+0000*	QVX: SPGI 2		SPGI 2=+0000*		✓
		WED		VXX: SPGI 3=+0000*	QVX: SPGI 3		SPGI 3=+0000*		✓
		THU		VXX: SPGI 4=+0000*	QVX: SPGI 4		SPGI 4=+0000*		✓
	FRI		VXX: SPGI 5=+0000*	QVX: SPGI 5		SPGI 5=+0000*		✓	
	SAT		VXX: SPGI 6=+0000*	QVX: SPGI 6		SPGI 6=+0000*		✓	
AUDIO VOLUME	COMMAND Del		VXX: SCCS *=*00****	QVX: SCCS *=**		SCCS *=*00****		✓	
	STANDBY		VXX: SCCS *=*10****			SCCS *=*10****		✓	
	POWER ON		VXX: SCCS *=*11****			SCCS *=*11****		✓	
	SHUTTER OPEN		VXX: SCCS *=*20****			SCCS *=*20****		✓	
	SHUTTER CLOSE		VXX: SCCS *=*21****			SCCS *=*21****		✓	
	RGB1 INPUT		VXX: SCCS *=*31****			SCCS *=*31****		✓	
	RGB2 INPUT		VXX: SCCS *=*32****			SCCS *=*32****		✓	
	VIDEO INPUT		VXX: SCCS *=*41****			SCCS *=*41****		✓	
	DVI-D INPUT		VXX: SCCS *=*51****			SCCS *=*51****		✓	
	HDMI1 INPUT		VXX: SCCS *=*53****			SCCS *=*53****		✓	
	HDMI2 INPUT		VXX: SCCS *=*54****			SCCS *=*54****		✓	
	NORMAL		VXX: SCCS *=*70****			SCCS *=*70****		✓	
	ECO		VXX: SCCS *=*71****			SCCS *=*71****		✓	
	LONG LIFE1		VXX: SCCS *=*72****			SCCS *=*72****		✓	
	LONG LIFE2		VXX: SCCS *=*73****			SCCS *=*73****		✓	
	LONG LIFE3		VXX: SCCS *=*74****			SCCS *=*74****		✓	
	USER1(USER)		VXX: SCCS *=*75****			SCCS *=*75****		✓	
	USER2		VXX: SCCS *=*76****			SCCS *=*76****		✓	
	USER3		VXX: SCCS *=*77****			SCCS *=*77****		✓	
	SILENT		VXX: SCCS *=*78****			SCCS *=*78****		✓	
	DIGITAL LINK		VXX: SCCS *=*B0****			SCCS *=*B0****		✓	
	INPUT 1		VXX: SCCS *=*B1****			SCCS *=*B1****		✓	
	INPUT 2		VXX: SCCS *=*B2****			SCCS *=*B2****		✓	
	INPUT 3		VXX: SCCS *=*B3****			SCCS *=*B3****		✓	
	INPUT 4		VXX: SCCS *=*B4****			SCCS *=*B4****		✓	
	INPUT 5		VXX: SCCS *=*B5****			SCCS *=*B5****		✓	
	INPUT 6		VXX: SCCS *=*B6****			SCCS *=*B6****		✓	
	INPUT 7		VXX: SCCS *=*B7****			SCCS *=*B7****		✓	
	INPUT 8		VXX: SCCS *=*B8****			SCCS *=*B8****		✓	
	INPUT 9		VXX: SCCS *=*B9****			SCCS *=*B9****		✓	
	INPUT 10		VXX: SCCS *=*BA****			SCCS *=*BA****		✓	
	AUDIO IN STANDBY OFF		VXX: SCCS *=*A0****			SCCS *=*A0****		✓	
	AUDIO IN STANDBY ON		VXX: SCCS *=*A1****			SCCS *=*A1****		✓	
	QUICK STARTUP OFF		VXX: SCCS *=*A2****			SCCS *=*A2****		✓	
	QUICK STARTUP ON		VXX: SCCS *=*A3****			SCCS *=*A3****		✓	
	* PARAMETER1	0		VXX: SCCS *=*C0****			SCCS *=*C0****		✓
		63		VXX: SCCS *=*FF****			SCCS *=*FF****		✓
		PROGRAM1		VXX: SCCS1=*****	QVX: SCCS1=**		SCCS1=*****		✓
		PROGRAM2		VXX: SCCS2=*****	QVX: SCCS2=**		SCCS2=*****		✓
		PROGRAM3		VXX: SCCS3=*****	QVX: SCCS3=**		SCCS3=*****		✓
PROGRAM4			VXX: SCCS4=*****	QVX: SCCS4=**		SCCS4=*****		✓	
PROGRAM5			VXX: SCCS5=*****	QVX: SCCS5=**		SCCS5=*****		✓	
PROGRAM6			VXX: SCCS6=*****	QVX: SCCS6=**		SCCS6=*****		✓	
PROGRAM7		VXX: SCCS7=*****	QVX: SCCS7=**		SCCS7=*****		✓		
* PARAMETER2	COMMAND 1		VXX: SCCS *=*01****	QVX: SCCS *=*01		SCCS *=*01****		✓	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		FRZ60
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	FRZ55	
PROJECTOR SETUP	* PARAMETER3	COMMAND 16		VXX: SCCS*=16*****	QVX: SCCS*=16	SCCS*=16*****		✓
		00:00		VXX: SCCS*=****0000		SCCS*=****0000		✓
		23:59		VXX: SCCS*=****2359		SCCS*=****2359		✓
	STARTUP INPUT SELECT	RGB1		VXX: SSI1=RG1	QVX: SSI1	SSI1=RG1		✓
		RGB2		VXX: SSI1=RG2		SSI1=RG2		✓
		DVI-D		VXX: SSI1=DVI		SSI1=DVI		✓
		HDMI1		VXX: SSI1=HD1		SSI1=HD1		✓
		HDMI2		VXX: SSI1=HD2		SSI1=HD2		✓
		DIGITAL LINK		VXX: SSI1=DL1		SSI1=DL1		✓
		SDI1		VXX: SSI1=SD1		SSI1=SD1		✓
		LAST USED		VXX: SSI1=LSU		SSI1=LSU		✓
	STARTUP INPUT SELECT (DIGITAL LINK)	LAST USED		VXX: SSI2=+00000	QVX: SSI2	SSI2=+00000		✓
		INPUT1		VXX: SSI2=+00001		SSI2=+00001		✓
		INPUT2		VXX: SSI2=+00002		SSI2=+00002		✓
		INPUT3		VXX: SSI2=+00003		SSI2=+00003		✓
		INPUT4		VXX: SSI2=+00004		SSI2=+00004		✓
		INPUT5		VXX: SSI2=+00005		SSI2=+00005		✓
		INPUT6		VXX: SSI2=+00006		SSI2=+00006		✓
		INPUT7		VXX: SSI2=+00007		SSI2=+00007		✓
		INPUT8		VXX: SSI2=+00008		SSI2=+00008		✓
		INPUT9		VXX: SSI2=+00009		SSI2=+00009		✓
	NO SIGNAL SHUT-OFF	DISABLE		OAF: 00	QAF	00		✓
		10min		OAF: 10		10		✓
		20min		OAF: 20		20		✓
		30min		OAF: 30		30		✓
		40min		OAF: 40		40		✓
		50min		OAF: 50		50		✓
		60min		OAF: 60		60		✓
		70min		OAF: 70		70		✓
		80min		OAF: 80		80		✓
		90min		ODR: 90		90		✓
	NO SIGNAL LIGHTS-OUT	DISABLE		VXX: SLOI1=+00000	QVX: SLOI1	SLOI1=+00000		✓
		10SEC.		VXX: SLOI1=+00010		SLOI1=+00010		✓
		20SEC.		VXX: SLOI1=+00020		SLOI1=+00020		✓
		30SEC.		VXX: SLOI1=+00030		SLOI1=+00030		✓
		1MIN.		VXX: SLOI1=+00060		SLOI1=+00060		✓
		2MIN.		VXX: SLOI1=+00120		SLOI1=+00120		✓
		3MIN.		VXX: SLOI1=+00180		SLOI1=+00180		✓
	5MIN.		VXX: SLOI1=+00300		SLOI1=+00300		✓	
	FUNCTION BUTTON	DISABLE		OFC: 0	QFC	0		✓
		SYSTEM SELECTOR		OFC: 1		1		✓
		SYSTEM DAYLIGHT VIEW		OFC: 2		2		✓
		SUB MEMORY		OFC: 3		3		✓
		WAVEFORM MONITOR		OFC: 6		6		✓
	DATE AND TIME-DATE SETTING	Year: yyyy		TSD: 201506151	QGD	201506151		✓
		Month: mm		TSD: <i>yyyymmddw</i>		<i>yyyymmddw</i>		✓
		Date: dd						✓
	DATE AND TIME-TIME SETTING	Hour: hh		TST: 154503	QGT	154503		✓
		Minute: mm		TST: <i>hhmmss</i>		<i>hhmmss</i>		✓
		Second: ss						✓
DATE AND TIME-NTP SYNCHRONIZATION	OFF		VXX: NTPI0=+00000	QVX: NTPI0	NTPI0=+00000		✓	
	ON		VXX: NTPI0=+00001		NTPI0=+00001		✓	
LENS CALIBRATION	EXECUTE (ALL)		VXX: LNSI0=+00001				✓	
INITIALIZE-ALL USER DATA	USER INITILIZE		VXX: RSTS1=0password				✓	
	USER RESTORE		VXX: RSTS1=1password				✓	
INITIAL START UP	STANDBY		OPY: 0	QPY	0		✓	
	ON		OPY: 1		1		✓	
	LAST MEMORY		OPY: 2		2		✓	
AUDIO SETTING-VOLUME	0		AVL: 000	QAV	000		✓	
	63		AVL: 063		063		✓	
AUDIO SETTING-BALANCE	-16		ABL: -16	QBL	-16		✓	
	16		ABL: 016		16		✓	
AUDIO SETTING-IN STANDBY MODE	OFF		VXX: ASBI0=+00000	QVX: ASBI0	ASBI0=+00000		✓	
	ON		VXX: ASBI0=+00001		ASBI0=+00001		✓	
AUDIO SETTING-IN SHUTTER MODE	OFF		VXX: ASHI1=+00000	QVX: ASHI1	ASHI1=+00000		✓	
	ON		VXX: ASHI1=+00001		ASHI1=+00001		✓	
AUDIO SETTING-AUDIO IN SELECT-COMPUTER1	AUDIO IN 1		VXX: AINI0=+00000	QVX: AINI0	AINI0=+00000		✓	
	AUDIO IN 2		VXX: AINI0=+00001		AINI0=+00001		✓	
	AUDIO IN 3		VXX: AINI0=+00002		AINI0=+00002		✓	
AUDIO SETTING-AUDIO IN SELECT-COMPUTER2	AUDIO IN 1		VXX: AINI1=+00000	QVX: AINI1	AINI1=+00000		✓	
	AUDIO IN 2		VXX: AINI1=+00001		AINI1=+00001		✓	
	AUDIO IN 3		VXX: AINI1=+00002		AINI1=+00002		✓	
AUDIO SETTING-AUDIO IN SELECT-HDMI1	HDMI1 AUDIO IN		VXX: AINI3=+00003	QVX: AINI3	AINI3=+00003		✓	
	AUDIO IN 1		VXX: AINI3=+00000		AINI3=+00000		✓	
	AUDIO IN 2		VXX: AINI3=+00001		AINI3=+00001		✓	
	AUDIO IN 3		VXX: AINI3=+00002		AINI3=+00002		✓	
AUDIO SETTING-AUDIO IN SELECT-VIDEO	AUDIO IN 1		VXX: AINI4=+00000	QVX: AINI4	AINI4=+00000		✓	
	AUDIO IN 2		VXX: AINI4=+00001		AINI4=+00001		✓	
	AUDIO IN 3		VXX: AINI4=+00002		AINI4=+00002		✓	
AUDIO SETTING-AUDIO IN SELECT-HDMI2	HDMI2 AUDIO IN		VXX: AINI7=+00003	QVX: AINI7	AINI7=+00003		✓	
	AUDIO IN 1		VXX: AINI7=+00000		AINI7=+00000		✓	
	AUDIO IN 2		VXX: AINI7=+00001		AINI7=+00001		✓	
	AUDIO IN 3		VXX: AINI7=+00002		AINI7=+00002		✓	
AUDIO SETTING-AUDIO IN SELECT-DIGITAL LINK	DIGITAL LINK AUDIO IN		VXX: AINI8=+00005	QVX: AINI8	AINI8=+00005		✓	
	AUDIO IN 1		VXX: AINI8=+00000		AINI8=+00000		✓	
	AUDIO IN 2		VXX: AINI8=+00001		AINI8=+00001		✓	
	AUDIO IN 3		VXX: AINI8=+00002		AINI8=+00002		✓	
MODEL NAME	MODEL NAME			QID	MODELNAME		✓	
SERIAL NUMBER	SW0101234			QSN	SW0101234		✓	
PROJECTOR RUNTIME	7864320H			QVX: RTMS1	RTMS1=7864320		✓	
LAMP1(LIGHT1) RUNTIME	9999H			QSL: 1	9999		✓	
LIGHT1 RUNTIME	7864320H			QVX: LRMS3=00	LRMS3=00: 7864320		✓	
LIGHT STATUS	ALL OFF			QLS	0		✓	
	1:ON, 2:OFF				1		✓	
LAMP(LIGHT) CONTROL STATUS	LAMP OFF			QSS	0		✓	
	In turning ON				1		✓	
	LAMP ON				2		✓	
	LAMP Cooling				3		✓	
MAC ADDRESS	AB0102030405			QMA	AB0102030405		✓	
MAIN FIRMWARE VERSION	V1.00.01			QVX: SVRS0	SVRS0=1.00.01		✓	
SUB FIRMWARE VERSION	V1.00.01			QVX: SVRS2	SVRS2=1.00.01		✓	
INPUT SIGNAL NAME	CHANNEL1 (MAIN CH)			QVX: NSGS1	NSGS1=*****		✓	
	CHANNEL2 (SUB CH)			QVX: NSGS2	NSGS2=*****		✓	
DC OUT	OFF		VXX: DCOI1=+00000	QVX: DCOI1	DCOI1=+00000		✓	
	ON		VXX: DCOI1=+00001		DCOI1=+00001		✓	
	ERROR				DCOI1=+00002		✓	
TEMPERATURE (INTAKE)	0030/0080			QTM: 0	0030/0080		✓	
TEMPERATURE (EXHAUST AIR)	0030/0080			QTM: 1	0030/0080		✓	
TEMPERATURE (OPTICS MODULE)	0030/0080			QTM: 2	0030/0080		✓	
TEMPERATURE (LIGHT1 / LIGHT1-	0030/0080			QTM: 11	0030/0080		✓	
TEMPERATURE (LIGHT2 / LIGHT1-	0030/0080			QTM: 12	0030/0080		✓	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		FRZ60 SERIES
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	FRZ55	
HDMI-CEC	HDMI-CEC	OFF		SHC: FNC0	QHC: FNC	QHC: FNC0		✓
		ON		SHC: FNC1		QHC: FNC1		✓
	HDMI1 (Change Device)	NEXT		SHC: MH1NXT				✓
		PREVIEW		SHC: MH1PRE				✓
	HDMI1 (Get Device Name)	DEVICE NAME			QHC: HMI	QHC: HMI DEVI CENAME		✓
	HDMI2 (Change Device)	NEXT		SHC: MH2NXT				✓
		PREVIEW		SHC: MH2PRE				✓
	HDMI2 (Get Device Name)	DEVICE NAME			QHC: HM2	QHC: HM2 DEVI CENAME		✓
	HDMI-CEC - MENU CODE	0x09 (ROOT)		SHC: MNC1	QHC: MNC	QHC: MNC1		✓
		0x0A (SETUP)		SHC: MNC2		QHC: MNC2		✓
		0x0B (CONTENTS)		SHC: MNC3		QHC: MNC3		✓
		0x0C (FAVORITE)		SHC: MNC4		QHC: MNC4		✓
	0x10 (MEDIA TOP)		SHC: MNC5		QHC: MNC5		✓	
	0x11 (MEDIA POP UP)		SHC: MNC6		QHC: MNC6		✓	
HDMI-CEC - PROJECTOR ->	DISABLE		SHC: PTSOFF	QHC: PTS	QHC: PTSOFF		✓	
	POWER OFF		SHC: PTSP0F		QHC: PTSP0F		✓	
	POWER ON/OFF		SHC: PTSPWR		QHC: PTSPWR		✓	
HDMI-CEC - DEVICE ->	DISABLE		SHC: STPOFF	QHC: STP	QHC: STPOFF		✓	
	POWER ON		SHC: STPPON		QHC: STPPON		✓	
	POWER ON/OFF		SHC: STPPWR		QHC: STPPWR		✓	
TEST PATTERN	TEST PATTERN	Off		OTS: 00	QTS	00		✓
		White		OTS: 01		01		✓
		Black		OTS: 02		02		✓
		Window		OTS: 05		05		✓
		Reversed Window		OTS: 06		06		✓
		Color Bar V		OTS: 08		08		✓
		Convergence		OTS: 11		11		✓
		Color Bar Side		OTS: 51		51		✓
		16:9/4:3		OTS: 59		59		✓
		Focus Red		OTS: 70		70		✓
		Focus Green		OTS: 71		71		✓
		Focus Blue		OTS: 72		72		✓
		Focus Cyan		OTS: 73		73		✓
		Focus Magenta		OTS: 74		74		✓
		Focus Yellow		OTS: 75		75		✓
SIGNAL LIST	SIGNAL LIST-REGISTRATION			OEM				✓
	SIGNAL LIST-DELETE	A1		ODM A1				✓
		A2		ODM A2				✓
		A7		ODM A7				✓
		A8		ODM A8				✓
		L1		ODM L1				✓
		L2		ODM L2				✓
		L7		ODM L7				✓
		L8		ODM L8				✓
	SUB MEMORY LIST-CHANGEVER	01		OCS: 01				✓
	96		OCS: 96				✓	
SUB MEMORY LIST-CHANGEVER (EXTENDED)	01		OCS: 01- 01				✓	
	96		OCS: 95- 96				✓	
SUB MEMORY LIST-REGISTRATION			OES				✓	
SUB MEMORY LIST-DELETE	01		ODS: 01- 01				✓	
	96		ODS: 95- 96				✓	
SUB MEMORY USAGE STATE	01			QSB	01		✓	
	96				96		✓	
SECURITY	SECURITY SETTING	OFF		QVX: SPWI 1	SPWI 1=+00000		✓	
		ON			SPWI 1=+00001		✓	
NETWORK	DIGITAL LINK MODE	AUTO		VXX: DKMI 1=+00001	QVX: DKMI 1	DKMI 1=+00001		✓
		DIGITAL LINK		VXX: DKMI 1=+00002		DKMI 1=+00002		✓
		ETHERNET		VXX: DKMI 1=+00003		DKMI 1=+00003		✓
		LONG REACH MODE		VXX: DKMI 1=+00004		DKMI 1=+00004		✓
	DIGITAL LINK-DUPLEX(Ethernet)	Auto negotiation		VXX: DKDI 1=+00000	QVX: DKDI 1	DKDI 1=+00000		✓
		100BaseTX-Full		VXX: DKDI 1=+00001		DKDI 1=+00001		✓
		100BaseTX-Half		VXX: DKDI 1=+00002		DKDI 1=+00002		✓
	DIGITAL LINK-DUPLEX(DIGITAL LINK)	Auto negotiation		VXX: DKDI 2=+00000	QVX: DKDI 2	DKDI 2=+00000		✓
		100BaseTX-Full		VXX: DKDI 2=+00001		DKDI 2=+00001		✓
		100BaseTX-Half		VXX: DKDI 2=+00002		DKDI 2=+00002		✓
	DIGITAL LINK STATUS-LINK	NO LINK			QVX: DKSI 1	DKSI 1=+00000		✓
		DIGITAL LINK				DKSI 1=+00001		✓
		LPM				DKSI 1=+00002		✓
		ETHERNET				DKSI 1=+00003		✓
	DIGITAL LINK STATUS-HDCP STATUS	NO SIGNAL			QVX: DKSI 2	DKSI 2=+00000		✓
		OFF				DKSI 2=+00001		✓
		ON				DKSI 2=+00002		✓
	DIGITAL LINK STATUS-SIGNAL QUALITY (MIN)	-255			QVX: DKSI 3	DKSI 3=- 00255		✓
		0				DKSI 3=+00000		✓
	DIGITAL LINK STATUS-SIGNAL QUALITY (MAX)	-255			QVX: DKSI 4	DKSI 4=- 00255		✓
	0				DKSI 4=+00000		✓	
DIGITAL LINK INPUT CH LIST	HD1:HDMI1,HD2:HDMI2...			QVX: DL1S1	DL1S1=HD1: HDMI 1, ****: ***		✓	
PROJECTOR NAME SETTING	PROJECTOR1		VXX: NCGS8=PROJECTOR1	QVX: NCGS8	NCGS8=PROJECTOR1		✓	
Art-Net SETUP	OFF		VXX: DANI 1=+00000	QVX: DANI 1	DANI 1=+00000		✓	
	ON(2.*.*)		VXX: DANI 1=+00002		DANI 1=+00002		✓	
	ON(10.*.*)		VXX: DANI 1=+00003		DANI 1=+00003		✓	
	ON(MANUAL)		VXX: DANI 1=+00004		DANI 1=+00004		✓	
Art-Net SETUP-START ADDRESS	1		VXX: DANI 3=+00001	QVX: DANI 3	DANI 3=+00001		✓	
	501		VXX: DANI 3=+00501		DANI 3=+00501		✓	
Art-Net SETUP-NET	0		VXX: DANI 4=+00000	QVX: DANI 4	DANI 4=+00000		✓	
	127		VXX: DANI 4=+00127		DANI 4=+00127		✓	
Art-Net SETUP-SUB NET	0		VXX: DANI 5=+00000	QVX: DANI 5	DANI 5=+00000		✓	
	15		VXX: DANI 5=+00015		DANI 5=+00015		✓	
Art-Net SETUP-UNIVERS	0		VXX: DANI 6=+00000	QVX: DANI 6	DANI 6=+00000		✓	
	15		VXX: DANI 6=+00015		DANI 6=+00015		✓	
Art-Net	OFF		VXX: DANI 7=+00000	QVX: DANI 7	DANI 7=+00000		✓	
	WIRELESS LAN		VXX: DANI 7=+00011		DANI 7=+00011		✓	
Art-Net SETUP-CHANNEL SETTING	DEFAULT		VXX: DANI 8=+00000	QVX: DANI 8	DANI 8=+00000		✓	
	1		VXX: DANI 8=+00001		DANI 8=+00001		✓	
	USER		VXX: DANI 8=+00100		DANI 8=+00100		✓	

Note: The commands or parameters with "*" shows available commands or parameters for the projector which has been activated by the Upgrade Kit.