Control Commands

Model No. PT-DZ21K2
PT-DZ20K2
PT-DZ16K2
PT-DW17K2

PT-DZ21K
PT-DZ20K
PT-DZ16K
PT-DW17K

・Please refer to the Service Manual or 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、各モデルのテクニカルガイドまたは取扱説明書をご覧ください。

Panasonic

(2018-07)

CONTROL COMMANDS

2018/7/23

				CONTROL	QUERY		DZ21K2 SERIES				DZ21K SERIES			
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	DZ21K2 SDZ21K2C	DS20K2 SDZ20K2C	DZ16K2 SDZ18K2C	DW17K2 SDW17K2C	DZ21K SDZ21KC	DS20K SDZ20KC	DZ16K SDZ18KC	DW17K SDW17KC
BASIC OPERATION REMOTE CONTROL	POWER	ON		PON	QPW	001	✓	✓	✓	✓	✓	✓	✓	✓
		OFF (STANDBY)		POF		000	✓	✓	✓	✓	✓	✓	✓	✓
	INPUT SELECT	COMPUTER1		IIS:RG1	QIN	RG1	✓	✓	✓	✓	✓	✓	✓	✓
		COMPUTER2		IIS:RG2		RG2	✓	✓	✓	✓	✓	✓	✓	✓
		VIDEO		IIS:VID		VID	✓	✓	✓	✓	✓	✓	✓	✓
		Y/C		IIS:SVD		SVD	✓	✓	✓	✓				
		DVI		IIS:DVI		DVI	✓	✓	✓	✓	✓	✓	✓	✓
		HDMI1		IIS:HD1		HD1	✓	✓	✓	✓	✓	✓	✓	✓
		SDI1		IIS:SD1		SD1	✓	✓	✓		✓	✓	✓	
		SDI2		IIS:SD2		SD2	✓	✓			✓	✓		
		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	✓	✓	✓	✓				
		S-VIDEO		IIS:DL1:SVD		DL1:SVD	✓	✓	✓	✓				
	FREEZE	OFF		OFZ:0	QFZ	0	✓	✓	✓	✓	✓	✓	✓	✓
		ON		OFZ:1		1	✓	✓	✓	✓	✓	✓	✓	✓
	MENU KEY			OMN			✓	✓	✓	✓	✓	✓	✓	✓
	ENTER KEY			OEN			✓	✓	✓	✓	✓	✓	✓	✓
	UP KEY			OCU			✓	✓	✓	✓	✓	✓	✓	✓
	DOWN KEY			OCD			✓	✓	✓	✓	✓	✓	✓	✓
	LEFT KEY			OCL			✓	✓	✓	✓	✓	✓	✓	✓
	RIGHT KEY			OCR			✓	✓	✓	✓	✓	✓	✓	✓
	DEFAULT KEY			OST			✓	✓	✓	✓	✓	✓	✓	✓
	AUTO SETUP KEY			OAS			✓	✓	✓	✓				
	AUTO SETUP	ON		OAS	QAS	0					✓	✓	✓	✓
		OFF				1					✓	✓	✓	✓
	SHUTTER	ON		OSH:0	QSH	0	✓	✓	✓	✓	✓	✓	✓	✓
		OFF		OSH:1		1	✓	✓	✓	✓	✓	✓	✓	✓
	SHUTTER(Toggle)	OFF		OSH	QSH	0	✓	✓	✓	✓	✓	✓	✓	✓
		ON				1	✓	✓	✓	✓	✓	✓	✓	✓
	FUNCTION KEY			FC1			✓	✓	✓	✓	✓	✓	✓	✓
	SYSTEM SELCTOR KEY			OSL			✓	✓	✓	✓	✓	✓	✓	✓
	ASPECT KEY			VS1			✓	✓	✓	✓	✓	✓	✓	✓
	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:LNSI1=+00001			✓	✓	✓	✓	✓	✓	✓	✓
	LENS SHIFT-HORIZONTAL	SLOW+		VXX:LNSI2=+00000			✓	✓	✓	✓	✓	✓	✓	✓
		SLOW-		VXX:LNSI2=+00001			✓	✓	✓	✓	✓	✓	✓	✓
		NORMAL+		VXX:LNSI2=+00100			✓	✓	✓	✓	✓	✓	✓	✓
		NORMAL-		VXX:LNSI2=+00101			✓	✓	✓	✓	✓	✓	✓	✓
		FAST+		VXX:LNSI2=+00200			✓	✓	✓	✓	✓	✓	✓	✓
		FAST-		VXX:LNSI2=+00201			✓	✓	✓	✓	✓	✓	✓	✓
	LENS SHIFT-VERTICAL	SLOW+		VXX:LNSI3=+00000			✓	✓	✓	✓	✓	✓	✓	✓
		SLOW-		VXX:LNSI3=+00001			✓	✓	✓	✓	✓	✓	✓	✓
		NORMAL+		VXX:LNSI3=+00100			✓	✓	✓	✓	✓	✓	✓	✓
		NORMAL-		VXX:LNSI3=+00101			✓	✓	✓	✓	✓	✓	✓	✓
		FAST+		VXX:LNSI3=+00200			✓	✓	✓	✓	✓	✓	✓	✓
		FAST-		VXX:LNSI3=+00201			✓	✓	✓	✓	✓	✓	✓	✓
	LENS FOCUS	SLOW+		VXX:LNSI4=+00000			✓	✓	✓	✓	✓	✓	✓	✓
		SLOW-		VXX:LNSI4=+00001			✓	✓	✓	✓	✓	✓	✓	✓
		NORMAL+		VXX:LNSI4=+00100			✓	✓	✓	✓	✓	✓	✓	✓
		NORMAL-		VXX:LNSI4=+00101			✓	✓	✓	✓	✓	✓	✓	✓
		FAST+		VXX:LNSI4=+00200			✓	✓	✓	✓	✓	✓	✓	✓
		FAST-		VXX:LNSI4=+00201			✓	✓	✓	✓	✓	✓	✓	✓
	LENS ZOOM	SLOW+		VXX:LNSI5=+00000			✓	✓	✓	✓	✓	✓	✓	✓
		SLOW-		VXX:LNSI5=+00001			✓	✓	✓	✓	✓	✓	✓	✓
		NORMAL+		VXX:LNSI5=+00100			✓	✓	✓	✓	✓	✓	✓	✓
		NORMAL-		VXX:LNSI5=+00101			✓	✓	✓	✓	✓	✓	✓	✓
		FAST+		VXX:LNSI5=+00200			✓	✓	✓	✓	✓	✓	✓	✓
		FAST-		VXX:LNSI5=+00201			✓	✓	✓	✓	✓	✓	✓	✓
	LENS POSITION HORIZONTAL	-02480		VXX:LNSI7=-02480	QVX:LNSI7	LNSI7=-02480	✓	✓	✓	✓				
		+02480		VXX:LNSI7=+02480		LNSI7=+02480	✓	✓	✓	✓				
	LENS POSITION VERTICAL	-03200		VXX:LNSI8=-03200	QVX:LNSI8	LNSI8=-03200	✓	✓	✓	✓				
		+03200		VXX:LNSI8=+03200		LNSI8=+03200	✓	✓	✓	✓				
	LENS POSITION FOCUS	+00000		VXX:LNSI9=+00000	QVX:LNSI9	LNSI9=+00000	✓	✓	✓	✓				
		+02560		VXX:LNSI9=+02560		LNSI9=+02560	✓	✓	✓	✓				
	LENS POSITION H/V	-02480/-03200		VXX:LNSSB=-02480-03200	QVX:LNSSB	LNSSB=-02480-03200	✓	✓	✓	✓				
		+02480/+03200		VXX:LNSSB=+02480+03200		LNSSB=+02480+03200	✓	✓	✓	✓				
	LENS POSITION H/V FOCUS	-02480/-03200/+00000		VXX:LNSSC=-02480-03200+00000	QVX:LNSSC	LNSSC=-02480-03200+00000	✓	✓	✓	✓				
		+02480/+03200/+02560		VXX:LNSSC=+02480+03200+02560		LNSSC=+02480+03200+02560	✓	✓	✓	✓				
	STATUS KEY			STS			✓	✓	✓	✓	✓	✓	✓	✓
	LENS FOCUS KEY			OLF			✓	✓	✓	✓	✓	✓	✓	✓
	LENS SHIFT KEY			OLH			✓	✓	✓	✓	✓	✓	✓	✓
	LENS ZOOM KEY			OLZ			✓	✓	✓	✓	✓	✓	✓	✓
	DIGITAL LINK KEY			DLK			✓	✓	✓	✓				
	INPUT MENU KEY			IPT			✓	✓	✓	✓				
	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	✓	✓	✓	✓	✓	✓	✓	✓
		USER		VPM:USR		USR	✓	✓	✓	✓	✓	✓	✓	✓
	PICTURE MODE-NAME SETTING USER	*PICTUREMODE*		VXX:NCGS0=*PICTUREMODE*	QVX:NCGS0	NCGS0=*PICTUREMODE*	✓	✓	✓	✓	✓	✓	✓	✓
	CONTRAST	+1		VCN:001	QVR	001	✓	✓	✓	✓	✓	✓	✓	✓
		+63		VCN: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	✓	✓	✓	✓	✓	✓	✓	✓
	COLOR TEMPERATURE	DEFAULT(MIDDLE)		OTE:1	QTE	1	✓	✓	✓	✓	✓	✓	✓	✓
		USER1(USER)		OTE:04		4	✓	✓	✓	✓	✓	✓	✓	✓
		USER2		OTE:09		9	✓	✓	✓	✓	✓	✓	✓	✓
		3200K		OTE:3200		3200	✓	✓	✓	✓	✓	✓	✓	✓
		3300K		OTE:3300		3300	✓	✓	✓	✓	✓	✓	✓	✓
		9200K		OTE:9200		9200	✓	✓	✓	✓	✓	✓	✓	✓
		9300K		OTE:9300		9300	✓	✓	✓	✓	✓	✓	✓	✓
	COLOR TEMP-NAME SETTING USER1	*COLORTEMP1*		VXX:NCGS1=*COLORTEMP1*	QVX:NCGS1	NCGS1=*COLORTEMP1*	✓	✓	✓	✓	✓	✓	✓	✓
	COLOR TEMP-NAME SETTING USER2	*COLORTEMP2*		VXX:NCGS3=*COLORTEMP2*	QVX:NCGS3	NCGS3=*COLORTEMP2*	✓	✓	✓	✓	✓	✓	✓	✓
	WHITE BALANCE LOW-RED	-127		VOR:001	QOR	001	✓	✓	✓	✓	✓	✓	✓	✓
		+127		VOR:255		255	✓	✓	✓	✓	✓	✓	✓	✓
	WHITE BALANCE LOW-GREEN	-127		VOG:001	QOG	001	✓	✓	✓	✓	✓	✓	✓	✓
		+127		VOG: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	1.0		VGA:1.0	QGA	1.0	✓	✓	✓	✓	✓	✓	✓	✓
		1.8		VGA:1.8		1.8	✓	✓	✓	✓	✓	✓	✓	✓
		2.0		VGA:2.0		2.0	✓	✓	✓	✓	✓	✓	✓	✓
		2.1		VGA:2.1		2.1	✓	✓	✓	✓	✓	✓	✓	✓
		2.2		VGA:2.2		2.2	✓	✓	✓	✓	✓	✓	✓	✓
		2.3		VGA:2.3		2.3	✓	✓	✓	✓	✓	✓	✓	✓
		2.4		VGA:2.4		2.4	✓	✓	✓	✓	✓	✓	✓	✓
		2.5		VGA:2.5		2.5	✓	✓	✓	✓	✓	✓	✓	✓
		2.6		VGA:2.6		2.6	✓	✓	✓	✓	✓	✓	✓	✓
		2.7		VGA:2.7		2.7	✓	✓	✓	✓	✓	✓	✓	✓
		2.8		VGA:2.8		2.8	✓	✓	✓	✓	✓	✓	✓	✓
		USER1		VGA:US1		US1	✓	✓	✓	✓	✓	✓	✓	✓
		USER2		VGA:US2		US2	✓	✓	✓	✓	✓	✓	✓	✓
		DICOM		VGA:DIC		DIC	✓	✓	✓	✓	✓	✓	✓	✓
		DEFAULT		VGA:DEF		DEF	✓	✓	✓	✓	✓	✓	✓	✓
	GAMMA-NAME SETTING USER1	*GAMMAUSER1*		VXX:NCGS2=*GAMMAUSER1*	QVX:NCGS2	NCGS2=*GAMMAUSER1*	✓	✓	✓	✓	✓	✓	✓	✓
	GAMMA-NAME SETTING USER2	*GAMMAUSER2*		VXX:NCGS4=*GAMMAUSER2*	QVX:NCGS4	NCGS4=*GAMMAUSER2*	✓	✓	✓	✓	✓	✓	✓	✓
	DAYLIGHT VIEW FRONT INSTALL	OFF		VXX:DLVI0=+00000	QVX:DLVI0	DLVI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		AUTO(1)		VXX:DLVI0=+00001		DLVI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		ON(2)		VXX:DLVI0=+00002		DLVI0=+00002	✓	✓	✓	✓	✓	✓	✓	✓
		ON(3)		VXX:DLVI0=+00003		DLVI0=+00003	✓	✓	✓	✓	✓	✓	✓	✓

CONTROL COMMANDS

				CONTROL	QUERY		DZ21K2 SERIES				DZ21K SERIES			
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	DZ21K2 SDZ21K2C	DS20K2 SDZ20K2C	DZ16K2 SDZ18K2C	DW17K2 SDW17K2C	DZ21K SDZ21KC	DS20K SDZ20KC	DZ16K SDZ18KC	DW17K SDW17KC
PICTURE		4		VXX:DLVI0=+00004		DLVI0=+00004	✓	✓	✓	✓				
		5		VXX:DLVI0=+00005		DLVI0=+00005	✓	✓	✓	✓				
		6		VXX:DLVI0=+00006		DLVI0=+00006	✓	✓	✓	✓				
	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	✓	✓	✓	✓	✓	✓	✓	✓
		3		OAI:3		3	✓	✓	✓	✓	✓	✓	✓	✓
		USER		OAI:4		4	✓	✓	✓	✓	✓	✓	✓	✓
	DYNAMIC CONTRAST/AUTO IRIS (AUTO CONTRAST)	OFF		OAI:A000	QAI:A	000	✓	✓	✓	✓	✓	✓	✓	✓
		1		OAI:A001		001	✓	✓	✓	✓	✓	✓	✓	✓
		255		OAI:A255		255	✓	✓	✓	✓	✓	✓	✓	✓
	DYNAMIC CONTRAST/MANUAL IRIS (MANUAL INTENSITY)	OFF		OAI:M000	QAI:M	000	✓	✓	✓	✓	✓	✓	✓	✓
		1		OAI:M001		001	✓	✓	✓	✓	✓	✓	✓	✓
		255		OAI:M255		255	✓	✓	✓	✓	✓	✓	✓	✓
	DYNAMIC CONTRAST (DYNAMIC GAMMA)	OFF		OAI:D0	QAI:D	0	✓	✓	✓	✓	✓	✓	✓	✓
		1		OAI:D1		1	✓	✓	✓	✓	✓	✓	✓	✓
		2		OAI:D2		2	✓	✓	✓	✓	✓	✓	✓	✓
		3		OAI:D3		3	✓	✓	✓	✓	✓	✓	✓	✓
	TV-SYSTEM	AUTO1		VSG:AT1	QSG	AT1	✓	✓	✓	✓	✓	✓	✓	✓
		AUTO2		VSG:AT2		AT2	✓	✓	✓	✓	✓	✓	✓	✓
		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	✓	✓	✓	✓	✓	✓	✓	✓
		YPbPr		ORF:1		1	✓	✓	✓	✓	✓	✓	✓	✓
	SYSTEM SELECTOR HDMI/DIGITAL LINK/SLOT-HDMI	RGB		ORF:0	QRF	0	✓	✓	✓	✓	✓	✓	✓	✓
		YPbPr		ORF:1		1	✓	✓	✓	✓	✓	✓	✓	✓
		AUTO		ORF:2		2	✓	✓	✓	✓	✓	✓	✓	✓
	SYSTEM SELECTOR-SDI1 (SINGLE)	AUTO		VSD:0	QSD	0	✓	✓	✓		✓	✓	✓	
		480i YCbCr		VSD:1		1	✓	✓	✓		✓	✓	✓	
		576i YCbCr		VSD:3		3	✓	✓	✓		✓	✓	✓	
		1080/60i YPbPr		VSD:4		4	✓	✓	✓		✓	✓	✓	
		1035/60i YPbPr		VSD:5		5	✓	✓	✓		✓	✓	✓	
		720/60p YPbPr		VSD:6		6	✓	✓	✓		✓	✓	✓	
		1080/24p YPbPr		VSD:7		7	✓	✓	✓		✓	✓	✓	
		1080/50i YpBpR		VSD:8		8	✓	✓	✓		✓	✓	✓	
		1080/30p YPbPr		VSD:9		9	✓	✓	✓		✓	✓	✓	
		1080/25p YPbPr		VSD:10		10	✓	✓	✓		✓	✓	✓	
		1080/24sF YPbPr		VSD:11		11	✓	✓	✓		✓	✓	✓	
		720/50p YPbPr		VSD:12		12	✓	✓	✓		✓	✓	✓	
		1080/50p YPbPr		VSD:15		15	✓	✓	✓		✓	✓	✓	
		1080/60p YPbPr		VSD:16		16	✓	✓	✓		✓	✓	✓	
		1080/24p RGB		VSD:21		21	✓	✓	✓		✓	✓	✓	
		1080/24sF RGB		VSD:22		22	✓	✓	✓		✓	✓	✓	
		1080/25p RGB		VSD:23		23	✓	✓	✓		✓	✓	✓	
		1080/30p RGB		VSD:24		24	✓	✓	✓		✓	✓	✓	
		1080/50i RGB		VSD:25		25	✓	✓	✓		✓	✓	✓	
		1080/60i RGB		VSD:26		26	✓	✓	✓		✓	✓	✓	
	SYSTEM SELECTOR-SDI2 (SINGLE)	AUTO		VSD:0	QSD	0	✓	✓	✓		✓	✓	✓	
		480i YCbCr		VSD:1		1	✓	✓	✓		✓	✓	✓	
		576i YCbCr		VSD:3		3	✓	✓	✓		✓	✓	✓	
		1080/60i YPbPr		VSD:4		4	✓	✓	✓		✓	✓	✓	
		1035/60i YPbPr		VSD:5		5	✓	✓	✓		✓	✓	✓	
		720/60p YPbPr		VSD:6		6	✓	✓	✓		✓	✓	✓	
		1080/24p YPbPr		VSD:7		7	✓	✓	✓		✓	✓	✓	
		1080/50i YpBpR		VSD:8		8	✓	✓	✓		✓	✓	✓	
		1080/30p YPbPr		VSD:9		9	✓	✓	✓		✓	✓	✓	
		1080/25p YPbPr		VSD:10		10	✓	✓	✓		✓	✓	✓	
		1080/24sF YPbPr		VSD:11		11	✓	✓	✓		✓	✓	✓	
		720/50p YPbPr		VSD:12		12	✓	✓	✓		✓	✓	✓	
		1080/50p YPbPr		VSD:15		15	✓	✓	✓					
		1080/60p YPbPr		VSD:16		16	✓	✓	✓					
		1080/24p RGB		VSD:21		21	✓	✓	✓					
		1080/24sF RGB		VSD:22		22	✓	✓	✓					
		1080/25p RGB		VSD:23		23	✓	✓	✓					
		1080/30p RGB		VSD:24		24	✓	✓	✓					
		1080/50i RGB		VSD:25		25	✓	✓	✓					
		1080/60i RGB		VSD:26		26	✓	✓	✓					
	SYSTEM SELECTOR-SDI (DUAL)	AUTO		VSD:0	QSD	0	✓	✓	✓		✓	✓	✓	
		1080/50p YPbPr		VSD:15		15	✓	✓	✓					
		1080/60p YPbPr		VSD:16		16	✓	✓	✓					
		1080/24p RGB		VSD:21		21	✓	✓	✓		✓	✓	✓	
		1080/24sF RGB		VSD:22		22	✓	✓	✓		✓	✓	✓	
		1080/25p RGB		VSD:23		23	✓	✓	✓		✓	✓	✓	
		1080/30p RGB		VSD:24		24	✓	✓	✓		✓	✓	✓	
		1080/50i RGB		VSD:25		25	✓	✓	✓		✓	✓	✓	
		1080/60i RGB		VSD:26		26	✓	✓	✓		✓	✓	✓	
		1080/50p RGB		VSD:27		27	✓	✓	✓					
		1080/60p RGB		VSD:28		28	✓	✓	✓					
		2K/24p RGB		VSD:31		31	✓	✓	✓		✓	✓	✓	
		2K/24sF RGB		VSD:32		32	✓	✓	✓		✓	✓	✓	
		2K/50p RGB		VSD:37		37	✓	✓	✓					
		2K/48p RGB		VSD:39		39	✓	✓	✓					
		2K/24p XYZ		VSD:41		41	✓	✓	✓		✓	✓	✓	
		2K/24sF XYZ		VSD:42		42	✓	✓	✓		✓	✓	✓	
		2K/50p YPbPr		VSD:57		57	✓	✓	✓					
		2K/60p RGB		VSD:38		38	✓	✓	✓					
		2K/60p YPbPr		VSD:58		58	✓	✓	✓					
POSITION	KEYSTONE	-127		OKS:000	QKS	000								✓
		+127		OKS:254		254								✓
	KEYSTONE-SUB KEYSTONE	-63		OSK:000	QSK	000								✓
		+63		OSK:126		126								✓
	KEYSTONE-LINEARITY	-127		VLI:000	QLI	000								✓
		+127		VLI:254		254								✓
	GEOMETRY	OFF		VXX:GMMI0=+00000	QVX:GMMI0	GMMI0=+00000	✓	✓	✓	✓	✓	✓	✓	
		KEYSTONE		VXX:GMMI0=+00001		GMMI0=+00001	✓	✓	✓	✓	✓	✓	✓	
		CURVED		VXX:GMMI0=+00002		GMMI0=+00002	✓	✓	✓	✓	✓	✓	✓	
		PC-1		VXX:GMMI0=+00003		GMMI0=+00003	✓	✓			✓	✓		
		PC-2		VXX:GMMI0=+00004		GMMI0=+00004	✓	✓			✓	✓		
		PC-3		VXX:GMMI0=+00005		GMMI0=+00005	✓	✓			✓	✓		
		CORNER-CORRECTION		VXX:GMMI0=+00010		GMMI0=+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:GMKI4=-00060	QVX:GMKI4	GMKI4=-00060	✓	✓	✓	✓	✓	✓	✓	
		+60		VXX:GMKI4=+00060		GMKI4=+00060	✓	✓	✓	✓	✓	✓	✓	
	GEOMETRY-KEYSTONE-HORIZONTAL BALANCE	-30		VXX:GMKI7=-00030	QVX:GMKI7	GMKI7=-00030	✓	✓	✓	✓	✓	✓	✓	
		+30		VXX:GMKI7=+00030		GMKI7=+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:GMCI3=-00050	QVX:GMCI3	GMCI3=-00050	✓	✓	✓	✓	✓	✓	✓	
		+50 (+100)*		VXX:GMCI3=+00050		GMCI3=+00050	✓	✓	✓	✓	✓	✓	✓	
	GEOMETRY-CURVED-HORIZONTAL ARC	-50 (-100)*		VXX:GMCI7=-00050	QVX:GMCI7	GMCI7=-00050	✓	✓	✓	✓	✓	✓	✓	
		+50 (+100)*		VXX:GMCI7=+00050		GMCI7=+00050	✓	✓	✓	✓	✓	✓	✓	
	GEOMETRY-CURVED-VERTICAL BALANCE	-60		VXX:GMCI2=-00060	QVX:GMCI2	GMCI2=-00060	✓	✓	✓	✓	✓	✓	✓	
		+60		VXX:GMCI2=+00060		GMCI2=+00060	✓	✓	✓	✓	✓	✓	✓	
	GEOMETRY-CURVED-HORIZONTAL BALANCE	-30		VXX:GMCI6=-00030	QVX:GMCI6	GMCI6=-00030	✓	✓	✓	✓	✓	✓	✓	
		+30		VXX:GMCI6=+00030		GMCI6=+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:GMCIA=+00000	QVX:GMCIA	GMCIA=+00000	✓	✓	✓	✓	✓	✓	✓	
		ON		VXX:GMCIA=+00001		GMCIA=+00001	✓	✓	✓	✓	✓	✓	✓	
	GEOMETRY-CORNER CORRECTION-UPPER LEFT(V)	*min.*		VXX:GMFI1=+00000	QVX:GMFI1	GMFI1=+00000	0	0	0	0	0	0	0	
		max.		VXX:GMFI1=+00300		GMFI1=+00300	+300	+263	+270	+270	+300	+263	+270	
	GEOMETRY-CORNER CORRECTION-UPPER RIGHT(V)	*min.*		VXX:GMFI2=+00000	QVX:GMFI2	GMFI2=+00000	0	0	0	0	0	0	0	
		max.		VXX:GMFI2=+00300		GMFI2=+00300	+300	+263	+270	+270	+300	+263	+270	
	GEOMETRY-CORNER CORRECTION-LOWER LEFT(V)	*min.*		VXX:GMFI3=-00300	QVX:GMFI3	GMFI3=-00300	-300	-263	-270	-270	-300	-263	-270	
		max.		VXX:GMFI3=+00000		GMFI3=+00000	0	0	0	0	0	0	0	
	GEOMETRY-CORNER CORRECTION-LOWER RIGHT(V)	*min.*		VXX:GMFI4=-00300	QVX:GMFI4	GMFI4=-00300	-300	-263	-270	-270	-300	-263	-270	
		max.		VXX:GMFI4=+00000		GMFI4=+00000	0	0	0	0	0	0	0	
	GEOMETRY-CORNER	*min.*		VXX:GMFI5=-00127	QVX:GMFI5	GMFI5=-00127	-127	-127	-127	-127	-127	-127	-127	

CONTROL COMMANDS

				CONTROL	QUERY		DZ21K2 SERIES				DZ21K SERIES			
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	DZ21K2 SDZ21K2C	DS20K2 SDZ20K2C	DZ16K2 SDZ18K2C	DW17K2 SDW17K2C	DZ21K SDZ21KC	DS20K SDZ20KC	DZ16K SDZ18KC	DW17K SDW17KC
	CORRECTION-LINEARITY(V)	*max.*		VXX:GMFI5=+00127		GMFI5=+00127	+127	+127	+127	+127	+127	+127	+127	
	GEOMETRY-CORNER CORRECTION-UPPER LEFT(H)	*min.*		VXX:GMFI6=+00000	QVX:GMFI6	GMFI6=+00000	0	0	0	0	0	0	0	
		max.		VXX:GMFI6=+00480		GMFI6=+00480	+480	+350	+480	+480	+480	+350	+480	
	GEOMETRY-CORNER CORRECTION-UPPER RIGHT(H)	*min.*		VXX:GMFI7=-00480	QVX:GMFI7	GMFI7=-00480	-480	-350	-480	-480	-480	-350	-480	
		max.		VXX:GMFI7=+00000		GMFI7=+00000	0	0	0	0	0	0	0	
	GEOMETRY-CORNER CORRECTION-LOWER LEFT(H)	*min.*		VXX:GMFI8=+00000	QVX:GMFI8	GMFI8=+00000	0	0	0	0	0	0	0	
		max.		VXX:GMFI8=+00480		GMFI8=+00480	+480	+350	+480	+480	+480	+350	+480	
	GEOMETRY-CORNER CORRECTION-LOWER RIGHT(H)	*min.*		VXX:GMFI9=-00480	QVX:GMFI9	GMFI9=-00480	-480	-350	-480	-480	-480	-350	-480	
		max.		VXX:GMFI9=+00000		GMFI9=+00000	0	0	0	0	0	0	0	
	GEOMETRY-CORNER CORRECTION-LINEARITY(H)	*min.*		VXX:GMFIA=-00127	QVX:GMFIA	GMFIA=-00127	-127	-127	-127	-127	-127	-127	-127	
		max.		VXX:GMFIA=+00127		GMFIA=+00127	+127	+127	+127	+127	+127	+127	+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	0	0	0	0	0	0	0
		max.		DBU:2398		2398	599	524	539	383	599	524	539	383
	BLANKING-LOWER	*min.*		DBB:000	QLB	000	0	0	0	0	0	0	0	0
		max.		DBB:2398		2398	599	524	539	383	599	524	539	383
	BLANKING-RIGHT	*min.*		DBR:000	QLR	000	0	0	0	0	0	0	0	0
		max.		DBR:3838		3838	959	699	959	682	959	699	959	682
	BLANKING-LEFT	*min.*		DBL:000	QLL	000	0	0	0	0	0	0	0	0
		max.		DBL:3838		3838	959	699	959	682	959	699	959	682
	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:MSKI1=+00000	QVX:MSKI1	MSKI1=+00000	✓	✓			✓	✓		
		PC-1		VXX:MSKI1=+00001		MSKI1=+00001	✓	✓			✓	✓		
		PC-2		VXX:MSKI1=+00002		MSKI1=+00002	✓	✓			✓	✓		
		PC-3		VXX:MSKI1=+00003		MSKI1=+00003	✓	✓			✓	✓		
	EDGE BLENDING	OFF		VXX:EDBI0=+00000	QVX:EDBI0	EDBI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:EDBI0=+00001		EDBI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		USER		VXX:EDBI0=+00002		EDBI0=+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	0	0	0	0	0	0	0	0
		max.		VEU:2272		2272	1023	1023	1023	1023	1023	1023	1023	1023
	EDGE BLENDING-START-LOWER	*min.*		VEB:0000	QEB	0000	0	0	0	0	0	0	0	0
		max.		VEB:2272		2272	1199	1199	1199	1199	1199	1199	1199	1199
	EDGE BLENDING-START-LEFT	*min.*		VEL:0000	QEL	0000	0	0	0	0	0	0	0	0
		max.		VEL:3712		3712	1023	1023	1023	1023	1023	1023	1023	1023
	EDGE BLENDING-START-RIGHT	*min.*		VER:0000	QER	0000	0	0	0	0	0	0	0	0
		max.		VER:3712		3712	1919	1919	1919	1919	1919	1919	1919	1919
	EDGE BLENDING-WIDTH-UPPER	*min.*		VXX:EUWI0=+00000	QVX:EUWI0	EUWI0=+00000	0	0	0	0	0	0	0	0
		max.		VXX:EUWI0=+02272		EUWI0=+02272	1023	1023	1023	1023	1023	1023	1023	1023
	EDGE BLENDING-WIDTH-LOWER	*min.*		VXX:EBWI0=+00000	QVX:EBWI0	EBWI0=+00000	0	0	0	0	0	0	0	0
		max.		VXX:EBWI0=+02272		EBWI0=+02272	1199	1199	1199	1199	1199	1199	1199	1199
	EDGE BLENDING-WIDTH-LEFT	*min.*		VXX:ELWI0=+00000	QVX:ELWI0	ELWI0=+00000	0	0	0	0	0	0	0	0
		max.		VXX:ELWI0=+03712		ELWI0=+03712	1023	1023	1023	1023	1023	1023	1023	1023
	EDGE BLENDING-WIDTH-RIGHT	*min.*		VXX:ERWI0=+00000	QVX:ERWI0	ERWI0=+00000	0	0	0	0	0	0	0	0
		max.		VXX:ERWI0=+03712		ERWI0=+03712	1919	1919	1919	1919	1919	1919	1919	1919
	EDGE BLENDING-MARKER-ON/OFF	OFF		VGM:0	QGM	0	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VGM:1		1	✓	✓	✓	✓	✓	✓	✓	✓
ADVANCED	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:EBII1=+00000	QVX:EBII1	EBII1=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:EBII1=+00001		EBII1=+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:EBII2=+00000	QVX:EBII2	EBII2=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:EBII2=+00001		EBII2=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	EDGE BLENDING-BLACK BORDER WIDTH-UPPER	*min.*		VJU:0000	QJU	0000	0	0	0	0	0	0	0	0
		max.		VJU:2272		2272	1023	1023	1023	1023	1023	1023	1023	1023
	EDGE BLENDING-BLACK BORDER WIDTH-LOWER	*min.*		VJB:0000	QJB	0000	0	0	0	0	0	0	0	0
		max.		VJB:2272		2272	1199	1199	1199	1199	1199	1199	1199	1199
	EDGE BLENDING-BLACK BORDER WIDTH-LEFT	*min.*		VJL:0000	QJL	0000	0	0	0	0	0	0	0	0
		max.		VJL:3712		3712	1023	1023	1023	1023	1023	1023	1023	1023
	EDGE BLENDING-BLACK BORDER WIDTH-RIGHT	*min.*		VJR:0000	QJR	0000	0	0	0	0	0	0	0	0
		max.		VJR:3712		3712	1919	1919	1919	1919	1919	1919	1919	1919
	EDGE BLENDING-BLACK BORDER WIDTH-UPPER KEYSTONE AREA	*min.*		VXX:EBBI4=-02272	QVX:EBBI4	EBBI4=-02272	-1199	-1199	-1199	-1199	-1199	-1199	-1199	-1199
		max.		VXX:EBBI4=+02272		EBBI4=+02272	1919	1919	1919	1919	1919	1919	1919	1919
	EDGE BLENDING-BLACK BORDER WIDTH-LOWER KEYSTONE AREA	*min.*		VXX:EBBI5=-02272	QVX:EBBI5	EBBI5=-02272	-1199	-1199	-1199	-1199	-1199	-1199	-1199	-1199
		max.		VXX:EBBI5=+02272		EBBI5=+02272	1919	1919	1919	1919	1919	1919	1919	1919
	EDGE BLENDING-BLACK BORDER WIDTH-LEFT KEYSTONE AREA	*min.*		VXX:EBBI6=-03712	QVX:EBBI6	EBBI6=-03712	-1199	-1199	-1199	-1199	-1199	-1199	-1199	-1199
		max.		VXX:EBBI6=+03712		EBBI6=+03712	1919	1919	1919	1919	1919	1919	1919	1919
	EDGE BLENDING-BLACK BORDER WIDTH-RIGHT KEYSTONE AREA	*min.*		VXX:EBBI7=-03712	QVX:EBBI7	EBBI7=-03712	-1199	-1199	-1199	-1199	-1199	-1199	-1199	-1199
		max.		VXX:EBBI7=+03712		EBBI7=+03712	1919	1919	1919	1919	1919	1919	1919	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:EBII3=+00000	QVX:EBII3	EBII3=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:EBII3=+00001		EBII3=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LOWER	OFF		VXX:EBII4=+00000	QVX:EBII4	EBII4=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:EBII4=+00001		EBII4=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LEFT INTERLOCKED	OFF		VXX:EBII5=+00000	QVX:EBII5	EBII5=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:EBII5=+00001		EBII5=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-RIGHT	OFF		VXX:EBII6=+00000	QVX:EBII6	EBII6=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:EBII6=+00001		EBII6=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	EDGE BLENDING-AUTO TESTPATTERN	OFF		VXX:EATI1=+00000	QVX:EATI1	EATI1=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:EATI1=+00001		EATI1=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	FRAME RESPONSE	NORMAL		VXX:FDYI0=+00000	QVX:FDYI0	FDYI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		FAST		VXX:FDYI0=+00001		FDYI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		FIXED		VXX:FDYI0=+00005		FDYI0=+00005	✓	✓	✓	✓				
		COMPATIBLE NORMAL		VXX:FDYI0=+00010		FDYI0=+00010	✓	✓	✓					
		COMPATIBLE FAST		VXX:FDYI0=+00011		FDYI0=+00011	✓	✓	✓					
	FRAME CREATION	OFF		VXX:FRCI1=+00000	QVX:FRCI1	FRCI1=+00000	✓	✓	✓					
		1		VXX:FRCI1=+00001		FRCI1=+00001	✓	✓	✓					
		2		VXX:FRCI1=+00002		FRCI1=+00002	✓	✓	✓					
		3		VXX:FRCI1=+00003		FRCI1=+00003	✓	✓	✓					
	RASTER POSITION-HORIZONTAL	-2048		VRH:2952	QRH	2952	✓	✓	✓	✓	✓	✓	✓	✓
		+2047		VRH:7047		7047	✓	✓	✓	✓	✓	✓	✓	✓
	RASTER POSITION-VERTICAL	-2048		VRV:2952	QRV	2952	✓	✓	✓	✓	✓	✓	✓	✓
		+2047		VRV:7047		7047	✓	✓	✓	✓	✓	✓	✓	✓
	LANGUAGE	English		OLG:ENG	QLG	ENG	✓	✓	✓	✓	✓	✓	✓	✓
		German		OLG:DEU		DEU	✓	✓	✓	✓	✓	✓	✓	✓
		French		OLG:FRA		FRA	✓	✓	✓	✓	✓	✓	✓	✓
		Spanish		OLG:ESP		ESP	✓	✓	✓	✓	✓	✓	✓	✓

CONTROL COMMANDS

				CONTROL	QUERY		DZ21K2 SERIES				DZ21K SERIES			
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	DZ21K2 SDZ21K2C	DS20K2 SDZ20K2C	DZ16K2 SDZ18K2C	DW17K2 SDW17K2C	DZ21K SDZ21KC	DS20K SDZ20KC	DZ16K SDZ18KC	DW17K SDW17KC
DISPLAY LANGUAGE		Italian		OLG:ITL		ITL	✓	✓	✓	✓	✓	✓	✓	✓
		Japanese		OLG:JPN		JPN	✓	✓	✓	✓	✓	✓	✓	✓
		Chinese		OLG:CHI		CHI	✓	✓	✓	✓	✓	✓	✓	✓
		Russian		OLG:RUS		RUS	✓	✓	✓	✓	✓	✓	✓	✓
		Korea		OLG:KOR		KOR	✓	✓	✓	✓	✓	✓	✓	✓
		Portuguse		OLG:POR		POR	✓	✓	✓	✓	✓	✓	✓	✓
3D SETTINGS	3D SYSTEM SETTING	SINGLE		VXX:DSYI1=+00000	QVX:DSYI1	DSYI1=+00000	✓	✓			✓	✓		
		DUAL(LEFT)		VXX:DSYI1=+00001		DSYI1=+00001	✓	✓			✓	✓		
		DUAL(RIGHT)		VXX:DSYI1=+00002		DSYI1=+00002	✓	✓			✓	✓		
	3D FILTER	AUTO		VXX:DFTI1=+00000	QVX:DFTI1	DFTI1=+00000	✓	✓			✓	✓		
		OFF		VXX:DFTI1=+00001		DFTI1=+00001	✓	✓			✓	✓		
		ON		VXX:DFTI1=+00002		DFTI1=+00002	✓	✓			✓	✓		
	3D SYNC SETTING	OFF		VXX:DSNI1=+00000	QVX:DSNI1	DSNI1=+00000	✓	✓			✓	✓		
		1		VXX:DSNI1=+00001		DSNI1=+00001	✓	✓			✓	✓		
		2		VXX:DSNI1=+00002		DSNI1=+00002	✓	✓			✓	✓		
		3		VXX:DSNI1=+00003		DSNI1=+00003	✓	✓			✓	✓		
		4		VXX:DSNI1=+00004		DSNI1=+00004	✓	✓			✓	✓		
		5		VXX:DSNI1=+00005		DSNI1=+00005	✓	✓			✓	✓		
		6		VXX:DSNI1=+00006		DSNI1=+00006	✓	✓			✓	✓		
		7		VXX:DSNI1=+00007		DSNI1=+00007	✓	✓			✓	✓		
		8		VXX:DSNI1=+00008		DSNI1=+00008	✓	✓			✓	✓		
		9		VXX:DSNI1=+00009		DSNI1=+00009	✓	✓			✓	✓		
		10		VXX:DSNI1=+00010		DSNI1=+00010	✓	✓			✓	✓		
		11		VXX:DSNI1=+00011		DSNI1=+00011	✓	✓			✓	✓		
	3D SYNC SETTING-STEREO SYNC OUTPUT DELAY	0	10 step	VXX:DSNI2=+00000	QVX:DSNI2	DSNI2=+00000	✓	✓			✓	✓		
		25000		VXX:DSNI2=+25000		DSNI2=+25000	✓	✓			✓	✓		
	3D SIMUL INPUT SETTING-L:RGB1/R:RGB2	OFF		VXX:DSMI1=+00000	QVX:DSMI1	DSMI1=+00000	✓	✓						
		AUTO		VXX:DSMI1=+00002		DSMI1=+00002	✓	✓						
	3D SIMUL INPUT SETTING-L:HDMI/R:DVI-D	OFF		VXX:DSMI2=+00000	QVX:DSMI2	DSMI2=+00000	✓	✓						
		AUTO		VXX:DSMI2=+00002		DSMI2=+00002	✓	✓						
	3D SIMUL INPUT SETTING-L:SDI1/R:SDI2	OFF		VXX:DSMI3=+00000	QVX:DSMI3	DSMI3=+00000	✓	✓						
		AUTO		VXX:DSMI3=+00002		DSMI3=+00002	✓	✓						
	3D INPUT FORMAT	AUTO		VXX:DIFI1=+00000	QVX:DIFI1	DIFI1=+00000	✓	✓			✓	✓		
		NATIVE(2D)		VXX:DIFI1=+00001		DIFI1=+00001	✓	✓			✓	✓		
		SIMULTANEOUS		VXX:DIFI1=+00002		DIFI1=+00002	✓	✓			✓	✓		
		SIDE BY SIDE		VXX:DIFI1=+00003		DIFI1=+00003	✓	✓			✓	✓		
		TOP AND BOTTOM		VXX:DIFI1=+00004		DIFI1=+00004	✓	✓			✓	✓		
		LINE BY LINE		VXX:DIFI1=+00005		DIFI1=+00005	✓	✓			✓	✓		
		FRAME SEQUENTIAL		VXX:DIFI1=+00006		DIFI1=+00006	✓	✓			✓	✓		
	3D LEFT/RIGHT SWAP	NORMAL		VXX:DSWI1=+00000	QVX:DSWI1	DSWI1=+00000	✓	✓			✓	✓		
		SWAPPED		VXX:DSWI1=+00001		DSWI1=+00001	✓	✓			✓	✓		
	3D COLOR MATCHING	SHARED 2D/3D		VXX:DCMI1=+00000	QVX:DCMI1	DCMI1=+00000	✓	✓			✓	✓		
		SEPARATE 2D/3D		VXX:DCMI1=+00001		DCMI1=+00001	✓	✓			✓	✓		
	3D PICTURE BALANCE	80		VXX:DBAI1=+00080	QVX:DBAI1	DBDI1=+00080	✓	✓			✓	✓		
		120		VXX:DBAI1=+00120		DBAI1=+00120	✓	✓			✓	✓		
	3D PICTURE BALANCE-WHITE BALANCE HIGH RED	80		VXX:DBAI2=+00080	QVX:DBAI2	DBDI2=+00080	✓	✓			✓	✓		
		120		VXX:DBAI2=+00120		DBAI2=+00120	✓	✓			✓	✓		
	3D PICTURE BALANCE-WHITE BALANCE HIGH GREEN	80		VXX:DBAI3=+00080	QVX:DBAI3	DBDI3=+00080	✓	✓			✓	✓		
		120		VXX:DBAI3=+00120		DBAI3=+00120	✓	✓			✓	✓		
	3D PICTURE BALANCE-WHITE BALANCE HIGH BLUE	80		VXX:DBAI4=+00080	QVX:DBAI4	DBDI4=+00080	✓	✓			✓	✓		
		120		VXX:DBAI4=+00120		DBAI4=+00120	✓	✓			✓	✓		
	3D PICTURE BALANCE-BRIGHTNESS	-8		VXX:DBAI5=-00008	QVX:DBAI5	DBDI5=-00008	✓	✓			✓	✓		
		+8		VXX:DBAI5=+00008		DBAI5=+00008	✓	✓			✓	✓		
	3D PICTURE BALANCE-WHITE BALANCE LOW RED	-8		VXX:DBAI6=-00008	QVX:DBAI6	DBDI6=-00008	✓	✓			✓	✓		
		+8		VXX:DBAI6=+00008		DBAI6=+00008	✓	✓			✓	✓		
	3D PICTURE BALANCE-WHITE BALANCE LOW GREEN	-8		VXX:DBAI7=-00008	QVX:DBAI7	DBDI7=-00008	✓	✓			✓	✓		
		+8		VXX:DBAI7=+00008		DBAI7=+00008	✓	✓			✓	✓		
	3D PICTURE BALANCE-WHITE BALANCE LOW BLUE	-8		VXX:DBAI8=-00008	QVX:DBAI8	DBDI8=-00008	✓	✓			✓	✓		
		+8		VXX:DBAI8=+00008		DBAI8=+00008	✓	✓			✓	✓		
	3D PICTURE BALANCE-COLOR	80		VXX:DBAI9=+00080	QVX:DBAI9	DBDI9=+00080	✓	✓			✓	✓		
		120		VXX:DBAI9=+00120		DBAI9=+00120	✓	✓			✓	✓		
	3D PICTURE BALANCE-TINT	-8		VXX:DBAIA=-00008	QVX:DBAIA	DBDIA=-00008	✓	✓			✓	✓		
		+8		VXX:DBAIA=+00008		DBAIA=+00008	✓	✓			✓	✓		
	3D DARK TIME SETTING	0.5		VXX:DDTS1=+0.5	QVX:DDTS1	DDTS1=+0.5	✓	✓			✓	✓		
		1.0		VXX:DDTS1=+1.0		DDTS1=+1.0	✓	✓			✓	✓		
		1.5		VXX:DDTS1=+1.5		DDTS1=+1.5	✓	✓			✓	✓		
		2.0		VXX:DDTS1=+2.0		DDTS1=+2.0	✓	✓			✓	✓		
		2.5		VXX:DDTS1=+2.5		DDTS1=+2.5	✓	✓			✓	✓		
		2.7		VXX:DDTS1=+2.7		DDTS1=+2.7	✓	✓			✓	✓		
	3D FRAME DELAY	0		VXX:DFDI1=+00000	QVX:DFDI1	DFDI1=+00000	✓	✓			✓	✓		
		25000		VXX:DFDI1=+25000		DFDI1=+25000	✓	✓			✓	✓		
	3D TEST MODE	NORMAL		VXX:DTSI1=+00000	QVX:DTSI1	DTSI1=+00000	✓	✓			✓	✓		
		SIDE BY SIDE		VXX:DTSI1=+00001		DTSI1=+00001	✓	✓			✓	✓		
		LEFT/LEFT		VXX:DTSI1=+00002		DTSI1=+00002	✓	✓			✓	✓		
		RIGHT/RIGHT		VXX:DTSI1=+00003		DTSI1=+00003	✓	✓			✓	✓		
		LEFT/BLACK		VXX:DTSI1=+00004		DTSI1=+00004	✓	✓			✓	✓		
		BLACK/RIGHT		VXX:DTSI1=+00005		DTSI1=+00005	✓	✓			✓	✓		
	3D SAFETY PRECAUTIONS MESSAGE	OFF		VXX:DMGI1=+00000	QVX:DMGI1	DMGI1=+00000	✓	✓			✓	✓		
		ON		VXX:DMGI1=+00001		DMGI1=+00001	✓	✓			✓	✓		
	COLOR MATCHING	OFF		VXX:CMAI0=+00000	QVX:CMAI0	CMAI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		3COLORS		VXX:CMAI0=+00001		CMAI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		7COLORS		VXX:CMAI0=+00002		CMAI0=+00002	✓	✓	✓	✓	✓	✓	✓	✓
		709MODE		VXX:CMAI0=+00003		CMAI0=+00003	✓	✓	✓	✓				
		MEASURED		VXX:CMAI0=+00004		CMAI0=+00004	✓	✓	✓	✓	✓	✓	✓	✓
	AUTO SIGNAL	OFF		VXX:AASI0=+00000	QVX:AASI0	AASI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:AASI0=+00001		AASI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	AUTO SETUP -MODE	USER		OAM:0	QAM	0	✓	✓	✓	✓	✓	✓	✓	✓
		DEFAULT		OAM:1		1	✓	✓	✓	✓	✓	✓	✓	✓
		WIDE		OAM:2		2	✓	✓	✓	✓	✓	✓	✓	✓
	AUTO SETUP -POSITION ADJ.	OFF		VXX:APAI0=+00000	QVX:APAI0	APAI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:APAI0=+00001		APAI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	AUTO SETUP -SIGNAL LEVEL ADJ.	OFF		VXX:ASLI0=+00000	QVX:ASLI0	ASLI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:ASLI0=+00001		ASLI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	BACKUP INPUT SETTING-BACKUP INPUT	PRIMARY		VXX:BACI1=+00001	QVX:BACI1	BACI1=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		SECONDARY		VXX:BACI1=+00002		BACI1=+00002	✓	✓	✓	✓	✓	✓	✓	✓
		TOGGLE		VXX:BACI1=+00010		BACI1=+00010	✓	✓	✓	✓	✓	✓	✓	✓
	SIMUL INPUT SETTING - RGB IN	OFF		VXX:SIMI1=+00000	QVX:SIMI1	SIMI1=+00000	✓	✓	✓	✓				
		AUTO (3D)		VXX:SIMI1=+00002		SIMI1=+00002	✓	✓	✓	✓				
	SIMUL INPUT SETTING - HDMI/DVI IN	OFF		VXX:SIMI2=+00000	QVX:SIMI2	SIMI2=+00000	✓	✓	✓	✓				
		AUTO (2D)		VXX:SIMI2=+00001		SIMI2=+00001	✓	✓	✓	✓				
		AUTO (3D)		VXX:SIMI2=+00002		SIMI2=+00002	✓	✓	✓	✓				
	SIMUL INPUT SETTING - SDI IN	OFF		VXX:SIMI3=+00000	QVX:SIMI3	SIMI3=+00000	✓	✓	✓	✓				
		AUTO (2D)		VXX:SIMI3=+00001		SIMI3=+00001	✓	✓	✓	✓				
		AUTO (3D)		VXX:SIMI3=+00002		SIMI3=+00002	✓	✓	✓	✓				
	RGB IN-RGB1 INPUT SETTING	RGB/YPBPR		VXX:RYCI1=+00000	QVX:RYCI1	RYCI1=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		Y/C		VXX:RYCI1=+00001		RYCI1=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		VIDEO		VXX:RYCI1=+00002		RYCI1=+00002	✓	✓	✓	✓				
	RGB IN-RGB1 SYNC SLICE LEVEL	LOW		VXX:STRI0=+00000	QVX:STRI0	STRI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		HIGH		VXX:STRI0=+00001		STRI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	RGB IN-RGB1 EDID MODE	DEFAULT		VXX:EDMI7=+00000	QVX:EDMI7	EDMI7=+00000	✓	✓	✓	✓				
		SCREEB FIT		VXX:EDMI7=+00001		EDMI7=+00001	✓	✓	✓	✓				
		USER		VXX:EDMI7=+00010		EDMI7=+00010	✓	✓	✓	✓				
	RGB IN-RGB2 SYNC SLICE LEVEL	LOW		VXX:STRI1=+00000	QVX:STRI1	STRI1=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		HIGH		VXX:STRI1=+00001		STRI1=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	RGB IN-RGB2 EDID MODE	DEFAULT		VXX:EDMI1=+00000	QVX:EDMI1	EDMI1=+00000	✓	✓	✓	✓				
		SCREEB FIT		VXX:EDMI1=+00001		EDMI1=+00001	✓	✓	✓	✓				
		USER		VXX:EDMI1=+00010		EDMI1=+00010	✓	✓	✓	✓				
	DVI-D IN-EDID	EDID1		OED:1	QED	1	✓	✓	✓	✓	✓	✓	✓	✓
		EDID2(PC)		OED:2		2	✓	✓	✓	✓	✓	✓	✓	✓
		EDID3		OED:3		3	✓	✓	✓	✓	✓	✓	✓	✓
	DVI-D IN-SIGNAL LEVEL	0-255 PC		VXX:DVII0=+00000	QVX:DVII0	DVII0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		15-235		VXX:DVII0=+00001		DVII0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		AUTO		VXX:DVII0=+00002		DVII0=+00002	✓	✓	✓	✓	✓	✓	✓	✓
	HDMI IN-SIGNAL LEVEL	0-1023		VXX:HSLI0=+00000	QVX:HSLI0	HSLI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		64-940		VXX:HSLI0=+00001		HSLI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		AUTO		VXX:HSLI0=+00002		HSLI0=+00002	✓	✓	✓	✓	✓	✓	✓	✓
	HDMI IN-EDID MODE	DEFAULT		VXX:EDMI3=+00000	QVX:EDMI3	EDMI3=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		SCREEN FIT		VXX:EDMI3=+00001		EDMI3=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		USER		VXX:EDMI3=+00010		EDMI3=+00010	✓	✓	✓	✓	✓	✓	✓	✓
	SDI IN-SIGNAL LEVEL	64-940		OED:SDI-LEVEL0	QED:SDI-LEVEL	0					✓	✓	✓	
		4-1019		OED:SDI-LEVEL1		1					✓	✓	✓	
	SDI IN-SIGNAL LEVEL (SDI1)	64-940		VXX:SSLI1=+00000	QVX:SSLI1	SSLI1=+00000	✓	✓	✓		✓	✓	✓	
		4-1019		VXX:SSLI1=+00001		SSLI1=+00001	✓	✓	✓		✓	✓	✓	
	SDI IN-SIGNAL LEVEL (SDI2)	64-940		VXX:SSLI2=+00000	QVX:SSLI2	SSLI2=+00000	✓	✓			✓	✓		
		4-1019		VXX:SSLI2=+00001		SSLI2=+00001	✓	✓			✓	✓		
	SDI IN-SIGNAL LEVEL (DUAL LINK 1 : SDI1+2)	64-940		VXX:SSLI3=+00000	QVX:SSLI3	SSLI3=+00000	✓	✓			✓	✓		
		4-1019		VXX:SSLI3=+00001		SSLI3=+00001	✓	✓			✓	✓		
	SDI IN-BIT DEPTH (SDI1)	AUTO		VXX:SBTI1=+00000	QVX:SBTI1	SBTI1=+00000	✓	✓	✓		✓	✓	✓	
		12-bit		VXX:SBTI1=+00001		SBTI1=+00001	✓	✓	✓		✓	✓	✓	
		10-bit		VXX:SBTI1=+00002		SBTI1=+00002	✓	✓	✓		✓	✓	✓	
	SDI IN-BIT DEPTH (SDI2)	AUTO		VXX:SBTI2=+00000	QVX:SBTI2	SBTI2=+00000	✓	✓						
		12-bit		VXX:SBTI2=+00001		SBTI2=+00001	✓	✓						
		10-bit		VXX:SBTI2=+00002		SBTI2=+00002	✓	✓						
	SDI IN-BIT DEPTH (DUAL LINK 1 : SDI1+2)	AUTO		VXX:SBTI3=+00000	QVX:SBTI3	SBTI3=+00000	✓	✓			✓	✓		
		12-bit		VXX:SBTI3=+00001		SBTI3=+00001	✓	✓			✓	✓		
		10-bit		VXX:SBTI3=+00002		SBTI3=+00002	✓	✓			✓	✓		
	SDI IN-3G SDI MAPPING (SDI1)	AUTO		VXX:SGMI1=+00000	QVX:SGMI1	SGMI1=+00000	✓	✓	✓		✓	✓	✓	

CONTROL COMMANDS

2018/7/23

				CONTROL	QUERY		DZ21K2 SERIES				DZ21K SERIES			
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	DZ21K2 SDZ21K2C	DS20K2 SDZ20K2C	DZ16K2 SDZ18K2C	DW17K2 SDW17K2C	DZ21K SDZ21KC	DS20K SDZ20KC	DZ16K SDZ18KC	DW17K SDW17KC
DISPLAY OPTION		LEVEL A		VXX:SGMI1=+00001		SGMI1=+00001	✓	✓	✓		✓	✓	✓	
		LEVEL B		VXX:SGMI1=+00002		SGMI1=+00002	✓	✓	✓		✓	✓	✓	
	SDI IN-3G SDI MAPPING (SDI2)	AUTO		VXX:SGMI2=+00000	QVX:SGMI2	SGMI2=+00000	✓	✓						
		LEVEL A		VXX:SGMI2=+00001		SGMI2=+00001	✓	✓						
		LEVEL B		VXX:SGMI2=+00002		SGMI2=+00002	✓	✓						
	SDI IN - SDI LINK	SINGLE LINK		VXX:SLKI1=+00000	QVX:SLKI1	SLKI1=+00000	✓	✓			✓	✓		
		DUAL LINK		VXX:SLKI1=+00001		SLKI1=+00001	✓	✓			✓	✓		
		AUTO		VXX:SLKI1=+00010		SLKI1=+00010	✓	✓						
	INPUT GUIDE	OFF		OID:0	QDI	0	✓	✓	✓	✓	✓	✓	✓	✓
		ON (SIMPLE)		OID: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 MEMORY	OFF		VXX:OMYI0=+00000	QVX:OMYI0	OMYI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:OMYI0=+00001		OMYI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	ON SCREEN	OFF		OOS:0	QOS	0	✓	✓	✓	✓	✓	✓	✓	✓
		ON		OOS:1		1	✓	✓	✓	✓	✓	✓	✓	✓
	WARNING MESSAGE	OFF		VXX:WMDI0=+00000	QVX:WMDI0	WMDI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:WMDI0=+00001		WMDI0=+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	✓	✓	✓	✓	✓	✓	✓	✓
	SCREEN SETTING	16:10		VSF:0	QSF	0	✓				✓			
		16:9		VSF:1		1	✓	✓	✓		✓	✓	✓	
		4:3		VSF:2		2	✓	✓	✓		✓	✓	✓	
	SCREEN POSITION-VERTICAL	*min.*		VXX:VSPI0=-00120	QVX:VSPI0	VSPI0=-00120	-60	-132			-60	-132		
		max.		VXX:VSPI0=+00120		VSPI0=+00120	60	131			60	131		
	SCREEN POSITION-HOROZONTAL	*min.*		VXX:HSPI0=-00320	QVX:HSPI0	HSPI0=-00320	-160		-240		-160		-240	
		max.		VXX:HSPI0=+00320		HSPI0=+00320	160		239		160		239	
	STARTUP LOGO	OFF		MLO:0	QLO	0	✓	✓	✓	✓	✓	✓	✓	✓
		USER LOGO		MLO:1		1	✓	✓	✓	✓	✓	✓	✓	✓
		DEFAULT LOGO		MLO:2		2	✓	✓	✓	✓	✓	✓	✓	✓
	UNIFORMITY-PC CORRECTION *	OFF		VXX:UFMI1=+00000	QVX:UFMI1	UFMI1=+00000	✓	✓			✓	✓		
		ON		VXX:UFMI1=+00001		UFMI1=+00001	✓	✓			✓	✓		
	UNIFORMITY-WHITE/RED/GREEN/RED	* PARAMETER		E$W:*,****,****,**	E$R:*,**	**,****,****	✓	✓	✓	✓	✓	✓	✓	✓
		* PARAMETER 1	WHITE	E$W:W,****,****,**	E$R:W,**	**,****,****	✓	✓	✓	✓	✓	✓	✓	✓
			RED	E$W:R,****,****,**	E$R:R,**	**,****,****	✓	✓	✓	✓	✓	✓	✓	✓
			GREEN	E$W:G,****,****,**	E$R:G,**	**,****,****	✓	✓	✓	✓	✓	✓	✓	✓
			BLUE	E$W:B,****,****,**	E$R:B,**	**,****,****	✓	✓	✓	✓	✓	✓	✓	✓
		* PARAMETER 2	VERTICAL(-127)	E$W:*,-127,****,**	E$R:*,**	**,-127,****	✓	✓	✓	✓	✓	✓	✓	✓
			VERTICAL(+127)	E$W:*,+127,****,**	E$R:*,**	**,+127,****	✓	✓	✓	✓	✓	✓	✓	✓
		* PARAMETER 3	HORIZONTAL(-127)	E$W:*,****,-127,**	E$R:*,**	**,****,-127	✓	✓	✓	✓	✓	✓	✓	✓
			HOROZONTAL(+127)	E$W:*,****,+127,**	E$R:*,**	**,****,+127	✓	✓	✓	✓	✓	✓	✓	✓
		* PARAMETER 4	L1(OFF)	E$W:*,****,****,0*	E$R:*,0*	0*,****,****	✓	✓	✓	✓	✓	✓	✓	✓
			L1(ON)	E$W:*,****,****,1*	E$R:*,1*	1*,****,****	✓	✓	✓	✓	✓	✓	✓	✓
			L2(OFF)	E$W:*,****,****,*0	E$R:*,*0	*0,****,****	✓	✓	✓	✓	✓	✓	✓	✓
			L2(ON)	E$W:*,****,****,*1	E$R:*,*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:SEFI3=+00000	QVX:SEFI3	SEFI3=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		CLOSE		VXX:SEFI3=+00001		SEFI3=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	SHUTTER SETTING-SHUT OFF	OPEN		VXX:SEFI4=+00000	QVX:SEFI4	SEFI4=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		CLOSE		VXX:SEFI4=+00001		SEFI4=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		KEEP CURRENT STATE		VXX:SEFI4=+00002		SEFI4=+00002	✓	✓	✓	✓	✓	✓	✓	✓
	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:WMLI0=+00000	QVX:WMLI0	WMLI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		+2159		VXX:WMLI0=+02159		WMLI0=+02159	✓	✓	✓	✓	✓	✓	✓	✓
	AC VOLTAGE MONITOR	OFF		VXX:VMOI1=+00000	QVX:VMOI1	VMOI1=+00000	✓	✓	✓	✓				
		ON		VXX:VMOI1=+00001		VMOI1=+00001	✓	✓	✓	✓				
	AC VOLTAGE				QVX:VMOI2	VMOI2=+00000	✓	✓	✓	✓				
						VMOI2=+99999	✓	✓	✓	✓				
	CUT OFF-RED	OFF		VXX:CUTI1=+00000	QVX:CUTI1	CUTI1=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:CUTI1=+00001		CUTI1=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	CUT OFF-GREEN	OFF		VXX:CUTI2=+00000	QVX:CUTI2	CUTI2=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:CUTI2=+00001		CUTI2=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	CUT OFF-BLUE	OFF		VXX:CUTI3=+00000	QVX:CUTI3	CUTI3=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:CUTI3=+00001		CUTI3=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	PROJECTOR ID	0(ALL)		RIS:00			✓	✓	✓	✓	✓	✓	✓	✓
		64		RIS:64			✓	✓	✓	✓	✓	✓	✓	✓
	ID ALL	OFF		RVS:0	QVY	0	✓	✓	✓	✓	✓	✓	✓	✓
		ON		RVS:1		1	✓	✓	✓	✓	✓	✓	✓	✓
	PROJECTION METHOD INSTALLATION	FRONT/DESK		OIL:0	QSP	0	✓	✓	✓	✓	✓	✓	✓	✓
		REAR/DESK		OIL:1		1	✓	✓	✓	✓	✓	✓	✓	✓
		FRONT/CEILING		OIL:2		2	✓	✓	✓	✓	✓	✓	✓	✓
		REAR/CEILING		OIL:3		3	✓	✓	✓	✓	✓	✓	✓	✓
	LAMP SELECT	QUAD		LPM:00			✓	✓	✓	✓	✓	✓	✓	✓
		LAMP1/4		LPM:01			✓	✓	✓	✓	✓	✓	✓	✓
		LAMP2/3		LPM:02			✓	✓	✓	✓	✓	✓	✓	✓
		LAMPDUAL		LPM:03			✓	✓	✓	✓	✓	✓	✓	✓
		LAMP1/2/3		LPM:04			✓	✓	✓	✓	✓	✓	✓	✓
		LAMP1/2/4		LPM:05			✓	✓	✓	✓	✓	✓	✓	✓
		LAMP1/3/4		LPM:06			✓	✓	✓	✓	✓	✓	✓	✓
		LAMP/2/3/4		LPM:07			✓	✓	✓	✓	✓	✓	✓	✓
		TRIPLE		LPM:08			✓	✓	✓	✓	✓	✓	✓	✓
		LAMP1		LPM:09			✓	✓	✓	✓	✓	✓	✓	✓
		LAMP2		LPM:10			✓	✓	✓	✓	✓	✓	✓	✓
		LAMP3		LPM:11			✓	✓	✓	✓	✓	✓	✓	✓
		LAMP4		LPM:12			✓	✓	✓	✓	✓	✓	✓	✓
		SINGLE		LPM:13			✓	✓	✓	✓	✓	✓	✓	✓
	LAMP RELAY	OFF		VXX:LRYI0=+00000	QVX:LRYI0	LRYI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		00:01		VXX:LRYI0=+00001		LRYI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		23:59		VXX:LRYI0=+02359		LRYI0=+02359	✓	✓	✓	✓	✓	✓	✓	✓
		00:00		VXX:LRYI0=+02400		LRYI0=+02400	✓	✓	✓	✓	✓	✓	✓	✓
	LAMP RELAY WEEK	OFF		VXX:LRYI2=+00000	QVX:LRYI2	LRYI2=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		EVERY DAY		VXX:LRYI2=+00001		LRYI2=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		MON		VXX:LRYI2=+00002		LRYI2=+00002	✓	✓	✓	✓	✓	✓	✓	✓
		TUE		VXX:LRYI2=+00003		LRYI2=+00003	✓	✓	✓	✓	✓	✓	✓	✓
		WED		VXX:LRYI2=+00004		LRYI2=+00004	✓	✓	✓	✓	✓	✓	✓	✓
		THU		VXX:LRYI2=+00005		LRYI2=+00005	✓	✓	✓	✓	✓	✓	✓	✓
		FRI		VXX:LRYI2=+00006		LRYI2=+00006	✓	✓	✓	✓	✓	✓	✓	✓
		SAT		VXX:LRYI2=+00007		LRYI2=+00007	✓	✓	✓	✓	✓	✓	✓	✓
		SUN		VXX:LRYI2=+00008		LRYI2=+00008	✓	✓	✓	✓	✓	✓	✓	✓
	COOLING CONDITION	FLOOR		ODR:0	QDR	0					✓	✓	✓	✓
		CEILING		ODR:1		1					✓	✓	✓	✓
		VERTICAL UP		ODR:2		2					✓	✓	✓	✓
		VERTICAL DOWN		ODR:3		3					✓	✓	✓	✓
		AUTO		ODR:9		9					✓	✓	✓	✓
	AUTO COOLING CONDITION-	FLOOR			QVX:ADRI1	ADRI1=+00000	✓	✓	✓	✓	✓	✓	✓	✓

CONTROL COMMANDS

				CONTROL	QUERY		DZ21K2 SERIES				DZ21K SERIES			
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	DZ21K2 SDZ21K2C	DS20K2 SDZ20K2C	DZ16K2 SDZ18K2C	DW17K2 SDW17K2C	DZ21K SDZ21KC	DS20K SDZ20KC	DZ16K SDZ18KC	DW17K SDW17KC
PROJECTOR SETUP	STATUS	CEILING				ADRI1=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		VERTICAL UP				ADRI1=+00002	✓	✓	✓	✓	✓	✓	✓	✓
		VERTICAL DOWN				ADRI1=+00003	✓	✓	✓	✓	✓	✓	✓	✓
		PORTRAIT				ADRI1=+00004	✓	✓	✓	✓	✓	✓	✓	✓
	HIGH ALTITUDE MODE	Under 2700m(OFF)		OFM:0	QFM	0					✓	✓	✓	✓
		Over 2700m(ON)		OFM:1		1					✓	✓	✓	✓
	BRIGHTNESS CONTROL-SETUP-CALIBRATION TIME	OFF		VXX:BTMI1=+00000	QVX:BTMI1	BTMI1=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		00:01		VXX:BTMI1=+00001		BTMI1=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		23:59		VXX:BTMI1=+02359		BTMI1=+02359	✓	✓	✓	✓	✓	✓	✓	✓
		00:00		VXX:BTMI1=+02400		BTMI1=+02400	✓	✓	✓	✓	✓	✓	✓	✓
	BRIGHTNESS CONTROL-SETUP-CALIBRATION MESSAGE	OFF		VXX:BMGI1=+00000	QVX:BMGI1	BMGI1=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:BMGI1=+00001		BMGI1=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	BRIGHTNESS CONTROL-GAIN	20%		VXX:TGAI0=+00020	QVX:TGAI0	TGAI0=+00020	✓	✓	✓	✓	✓	✓	✓	✓
		100%		VXX:TGAI0=+00100		TGAI0=+00100	✓	✓	✓	✓	✓	✓	✓	✓
	BRIGHTNESS CONTROL-SETUP-CONSTANT MODE	OFF		VXX:BCMI0=+00000	QVX:BCMI0	BCMI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		AUTO		VXX:BCMI0=+00001		BCMI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		PC		VXX:BCMI0=+00002		BCMI0=+00002	✓	✓	✓	✓	✓	✓	✓	✓
	BRIGHTNESS CONTROL-SETUP-LINK	OFF		VXX:BCLI0=+00000	QVX:BCLI0	BCLI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		GROUP A		VXX:BCLI0=+00001		BCLI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		GROUP B		VXX:BCLI0=+00002		BCLI0=+00002	✓	✓	✓	✓	✓	✓	✓	✓
		GROUP C		VXX:BCLI0=+00003		BCLI0=+00003	✓	✓	✓	✓	✓	✓	✓	✓
		GROUP D		VXX:BCLI0=+00004		BCLI0=+00004	✓	✓	✓	✓	✓	✓	✓	✓
	BRIGHTNESS CONTROL-CHROMA CORRECTION	OFF		VXX:CHCI1=+00000	QVX:CHCI1	CHCI1=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:CHCI1=+00001		CHCI1=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	BRIGHTNESS CONTROL-SETUP APPLY	APPLY		VXX:BCSI0=+00001			✓	✓	✓	✓	✓	✓	✓	✓
	STANDBY MODE	NORMAL		VXX:STMI0=+00000	QVX:STMI0	STMI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ECO		VXX:STMI0=+00003		STMI0=+00003	✓	✓	✓	✓	✓	✓	✓	✓
	SCHEDULE	OFF		VXX:SCHI0=+00000	QVX:SCHI0	SCHI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:SCHI0=+00001		SCHI0=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	SCHEDLE-PROGRAM ASSIGN	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:SPGI0=+0000*	QVX:SPGI0	SPGI0=+0000*	✓	✓	✓	✓	✓	✓	✓	✓
			MON	VXX:SPGI1=+0000*	QVX:SPGI1	SPGI1=+0000*	✓	✓	✓	✓	✓	✓	✓	✓
			TUE	VXX:SPGI2=+0000*	QVX:SPGI2	SPGI2=+0000*	✓	✓	✓	✓	✓	✓	✓	✓
			WED	VXX:SPGI3=+0000*	QVX:SPGI3	SPGI3=+0000*	✓	✓	✓	✓	✓	✓	✓	✓
			THU	VXX:SPGI4=+0000*	QVX:SPGI4	SPGI4=+0000*	✓	✓	✓	✓	✓	✓	✓	✓
			FRI	VXX:SPGI5=+0000*	QVX:SPGI5	SPGI5=+0000*	✓	✓	✓	✓	✓	✓	✓	✓
			SAT	VXX:SPGI6=+0000*	QVX:SPGI6	SPGI6=+0000*	✓	✓	✓	✓	✓	✓	✓	✓
	SCHEDLE-COMMAND SETTING	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****	✓	✓	✓	✓	✓	✓	✓	✓
		SDI1 INPUT		VXX:SCCS*=**52****		SCCS*=**52****	✓	✓	✓	✓	✓	✓	✓	✓
		HDMI1 INPUT		VXX:SCCS*=**53****		SCCS*=**53****	✓	✓	✓	✓	✓	✓	✓	✓
		SDI2 INPUT		VXX:SCCS*=**56****		SCCS*=**56****	✓	✓	✓	✓	✓	✓	✓	✓
		SINGLE LAMP		VXX:SCCS*=**81****		SCCS*=**81****	✓	✓	✓	✓	✓	✓	✓	✓
		DUAL LAMP		VXX:SCCS*=**82****		SCCS*=**82****	✓	✓	✓	✓	✓	✓	✓	✓
		TRIPLE LAMP		VXX:SCCS*=**83****		SCCS*=**83****	✓	✓	✓	✓	✓	✓	✓	✓
		QUAD LAMP		VXX:SCCS*=**84****		SCCS*=**84****	✓	✓	✓	✓	✓	✓	✓	✓
		P IN P/Multi Display OFF		VXX:SCCS*=**90****		SCCS*=**90****	✓	✓	✓	✓	✓	✓	✓	✓
		P IN P/Multi Display USER1		VXX:SCCS*=**91****		SCCS*=**91****	✓	✓	✓	✓	✓	✓	✓	✓
		P IN P/Multi Display USER2		VXX:SCCS*=**92****		SCCS*=**92****	✓	✓	✓	✓	✓	✓	✓	✓
		P IN P/Multi Display USER3		VXX:SCCS*=**93****		SCCS*=**93****	✓	✓	✓	✓	✓	✓	✓	✓
		* PARAMETER1	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******	✓	✓	✓	✓	✓	✓	✓	✓
			COMMAND 16	VXX:SCCS*=16******	QVX:SCCS*=16	SCCS*=16******	✓	✓	✓	✓	✓	✓	✓	✓
		* PARAMETER3	00:00	VXX:SCCS*=****0000		SCCS*=****0000	✓	✓	✓	✓	✓	✓	✓	✓
			23:59	VXX:SCCS*=****2359		SCCS*=****2359	✓	✓	✓	✓	✓	✓	✓	✓
	STARTUP INPUT SELECT	RGB1		VXX:SISS1=RG1	QVX:SISS1	SISS1=RG1	✓	✓	✓	✓	✓	✓	✓	✓
		RGB2		VXX:SISS1=RG2		SISS1=RG2	✓	✓	✓	✓	✓	✓	✓	✓
		VIDEO		VXX:SISS1=VID		SISS1=VID					✓	✓	✓	✓
		DVI-D		VXX:SISS1=DVI		SISS1=DVI	✓	✓	✓	✓	✓	✓	✓	✓
		HDMI1		VXX:SISS1=HD1		SISS1=HD1	✓	✓	✓	✓	✓	✓	✓	✓
		DIGITAL LINK		VXX:SISS1=DL1		SISS1=DL1	✓	✓	✓	✓				
		SDI1		VXX:SISS1=SD1		SISS1=SD1	✓	✓	✓		✓	✓	✓	
		SDI2		VXX:SISS1=SD2		SISS1=SD2	✓	✓			✓	✓		
		LAST USED		VXX:SISS1=LSU		SISS1=LSU	✓	✓	✓	✓	✓	✓	✓	✓
	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	✓	✓	✓	✓	✓	✓	✓	✓
	DATE AND TIME-DATE SETTING	Year: yyyy		TSD:201506151	QGD	201506161	✓	✓	✓	✓	✓	✓	✓	✓
		Month: mm		TSD:*yyyymmddw*		*yyyymmddw*	✓	✓	✓	✓	✓	✓	✓	✓
		Date: dd					✓	✓	✓	✓	✓	✓	✓	✓
		Day:w(1~7:Mon~Sun)					✓	✓	✓	✓	✓	✓	✓	✓
	DATE AND TIME-TIME SETTING	Hour: hh		TST:154503	QGT	154503	✓	✓	✓	✓	✓	✓	✓	✓
		Minute: mm		TST:*hhmmss*		*hhmmss*	✓	✓	✓	✓	✓	✓	✓	✓
		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			✓	✓	✓	✓	✓	✓	✓	✓
	LENS MEMORY1 NAME CHANGE	*LENSMEMORY1*		VXX:NCGS5=*LENSMEMORY1*	QVX:NCGS5	NCGS5=*LENSMEMORY1*	✓	✓	✓	✓	✓	✓	✓	✓
	LENS MEMORY2 NAME CHANGE	*LENSMEMORY2*		VXX:NCGS6=*LENSMEMORY2*	QVX:NCGS6	NCGS6=*LENSMEMORY2*	✓	✓	✓	✓	✓	✓	✓	✓
	LENS MEMORY3 NAME CHANGE	*LENSMEMORY3*		VXX:NCGS7=*LENSMEMORY3*	QVX:NCGS7	NCGS7=*LENSMEMORY3*	✓	✓	✓	✓	✓	✓	✓	✓
	LENS MEMORY4 NAME CHANGE	*LENSMEMORY4*		VXX:NCGS9=*LENSMEMORY4*	QVX:NCGS9	NCGS9=*LENSMEMORY4*	✓	✓	✓	✓				
	LENS MEMORY5 NAME CHANGE	*LENSMEMORY5*		VXX:NCGSA=*LENSMEMORY5*	QVX:NCGSA	NCGSA=*LENSMEMORY5*	✓	✓	✓	✓				
	LENS MEMORY6 NAME CHANGE	*LENSMEMORY6*		VXX:NCGSB=*LENSMEMORY6*	QVX:NCGSB	NCGSB=*LENSMEMORY6*	✓	✓	✓	✓				
	LENS MEMORY7 NAME CHANGE	*LENSMEMORY7*		VXX:NCGSC=*LENSMEMORY7*	QVX:NCGSC	NCGSC=*LENSMEMORY7*	✓	✓	✓	✓				
	LENS MEMORY8 NAME CHANGE	*LENSMEMORY8*		VXX:NCGSD=*LENSMEMORY8*	QVX:NCGSD	NCGSD=*LENSMEMORY8*	✓	✓	✓	✓				
	LENS MEMORY9 NAME CHANGE	*LENSMEMORY9*		VXX:NCGSE=*LENSMEMORY9*	QVX:NCGSE	NCGSE=*LENSMEMORY9*	✓	✓	✓	✓				
	LENS MEMORY10 NAME CHANGE	*LENSMEMORY10*		VXX:NCGSF=*LENSMEMORY10*	QVX:NCGSF	NCGSF=*LENSMEMORY10*	✓	✓	✓	✓				
	LENS MEMORY-LOAD	LENS MEMORY1		VXX:LNMI1=+00000			✓	✓	✓	✓	✓	✓	✓	✓
		LENS MEMORY2		VXX:LNMI1=+00001			✓	✓	✓	✓	✓	✓	✓	✓
		LENS MEMORY3		VXX:LNMI1=+00002			✓	✓	✓	✓	✓	✓	✓	✓
		LENS MEMORY4		VXX:LNMI1=+00003			✓	✓	✓	✓				
		LENS MEMORY5		VXX:LNMI1=+00004			✓	✓	✓	✓				
		LENS MEMORY6		VXX:LNMI1=+00005			✓	✓	✓	✓				
		LENS MEMORY7		VXX:LNMI1=+00006			✓	✓	✓	✓				
		LENS MEMORY8		VXX:LNMI1=+00007			✓	✓	✓	✓				
		LENS MEMORY9		VXX:LNMI1=+00008			✓	✓	✓	✓				
		LENS MEMORY10		VXX:LNMI1=+00009			✓	✓	✓	✓				
	LENS MEMORY-SAVE	LENS MEMORY1		VXX:LNMI2=+00000			✓	✓	✓	✓	✓	✓	✓	✓
		LENS MEMORY2		VXX:LNMI2=+00001			✓	✓	✓	✓	✓	✓	✓	✓
		LENS MEMORY3		VXX:LNMI2=+00002			✓	✓	✓	✓	✓	✓	✓	✓
		LENS MEMORY4		VXX:LNMI2=+00003			✓	✓	✓	✓				
		LENS MEMORY5		VXX:LNMI2=+00004			✓	✓	✓	✓				
		LENS MEMORY6		VXX:LNMI2=+00005			✓	✓	✓	✓				
		LENS MEMORY7		VXX:LNMI2=+00006			✓	✓	✓	✓				
		LENS MEMORY8		VXX:LNMI2=+00007			✓	✓	✓	✓				
		LENS MEMORY9		VXX:LNMI2=+00008			✓	✓	✓	✓				
		LENS MEMORY10		VXX:LNMI2=+00009			✓	✓	✓	✓				
	LENS MEMORY-DELETE	LENS MEMORY1		VXX:LNMI3=+00000			✓	✓	✓	✓	✓	✓	✓	✓
		LENS MEMORY2		VXX:LNMI3=+00001			✓	✓	✓	✓	✓	✓	✓	✓
		LENS MEMORY3		VXX:LNMI3=+00002			✓	✓	✓	✓	✓	✓	✓	✓
		LENS MEMORY4		VXX:LNMI3=+00003			✓	✓	✓	✓				
		LENS MEMORY5		VXX:LNMI3=+00004			✓	✓	✓	✓				
		LENS MEMORY6		VXX:LNMI3=+00005			✓	✓	✓	✓				
		LENS MEMORY7		VXX:LNMI3=+00006			✓	✓	✓	✓				
		LENS MEMORY8		VXX:LNMI3=+00007			✓	✓	✓	✓				
		LENS MEMORY9		VXX:LNMI3=+00008			✓	✓	✓	✓				
		LENS MEMORY10		VXX:LNMI3=+00009			✓	✓	✓	✓				
	LENS MEMORY1-DEFAULT NAME	*LENSMEMORY1*		VXX:NCLI5=+00000			✓	✓	✓	✓	✓	✓	✓	✓
	LENS MEMORY2-DEFAULT NAME	*LENSMEMORY2*		VXX:NCLI6=+00000			✓	✓	✓	✓	✓	✓	✓	✓
	LENS MEMORY3-DEFAULT NAME	*LENSMEMORY3*		VXX:NCLI7=+00000			✓	✓	✓	✓	✓	✓	✓	✓

CONTROL COMMANDS

				CONTROL	QUERY		DZ21K2 SERIES				DZ21K SERIES			
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	DZ21K2 SDZ21K2C	DS20K2 SDZ20K2C	DZ16K2 SDZ18K2C	DW17K2 SDW17K2C	DZ21K SDZ21KC	DS20K SDZ20KC	DZ16K SDZ18KC	DW17K SDW17KC
	LENS MEMORY4-DEFAULT NAME	*LENSMEMORY4*		VXX:NCLI9=+00000			✓	✓	✓	✓				
	LENS MEMORY5-DEFAULT NAME	*LENSMEMORY5*		VXX:NCLIA=+00000			✓	✓	✓	✓				
	LENS MEMORY6-DEFAULT NAME	*LENSMEMORY6*		VXX:NCLIB=+00000			✓	✓	✓	✓				
	LENS MEMORY7-DEFAULT NAME	*LENSMEMORY7*		VXX:NCLIC=+00000			✓	✓	✓	✓				
	LENS MEMORY8-DEFAULT NAME	*LENSMEMORY8*		VXX:NCLID=+00000			✓	✓	✓	✓				
	LENS MEMORY9-DEFAULT NAME	*LENSMEMORY9*		VXX:NCLIE=+00000			✓	✓	✓	✓				
	LENS MEMORY10-DEFAULT NAME	*LENSMEMORY10*		VXX:NCLIF=+00000			✓	✓	✓	✓				
	INITIALIZE-ALL USER DATA	USER INITILIZE		VXX:RSTS1=0*password*			✓	✓	✓	✓	✓	✓	✓	✓
		USER RESTORE		VXX:RSTS1=1*password*			✓	✓	✓	✓	✓	✓	✓	✓
	MODEL NAME	*MODEL NAME*			QID	*MODELNAME*	✓	✓	✓	✓	✓	✓	✓	✓
	SERIAL NUMBER	SW0101234			QSN	*SW0101234*	✓	✓	✓	✓	✓	✓	✓	✓
	LAMP1(LIGHT1) RUNTIME	9999H			Q$L:1	9999	✓	✓	✓	✓	✓	✓	✓	✓
	LAMP2(LIGHT2) RUNTIME	9999H			Q$L:2	9999	✓	✓	✓	✓	✓	✓	✓	✓
	LAMP3(LIGHT4) RUNTIME	9999H			Q$L:3	9999	✓	✓	✓	✓	✓	✓	✓	✓
	LAMP4(LIGHT4) RUNTIME	9999H			Q$L:4	9999	✓	✓	✓	✓	✓	✓	✓	✓
	LAMP STATUS	ALL OFF			QLS	0	✓	✓	✓	✓	✓	✓	✓	✓
		ALL ON				1	✓	✓	✓	✓	✓	✓	✓	✓
		1:ON, 4:ON				2	✓	✓	✓	✓	✓	✓	✓	✓
		2:ON, 3:ON				3	✓	✓	✓	✓	✓	✓	✓	✓
		1:ON, 2:ON, 3:ON				4	✓	✓	✓	✓	✓	✓	✓	✓
		1:ON, 2:ON, 4:ON				5	✓	✓	✓	✓	✓	✓	✓	✓
		1:ON, 3:ON, 4:ON				6	✓	✓	✓	✓	✓	✓	✓	✓
		2:ON, 3:ON, 4:ON				7	✓	✓	✓	✓	✓	✓	✓	✓
		1:ON				8	✓	✓	✓	✓	✓	✓	✓	✓
		2:ON				9	✓	✓	✓	✓	✓	✓	✓	✓
		3:ON				10	✓	✓	✓	✓	✓	✓	✓	✓
		4:ON				11	✓	✓	✓	✓	✓	✓	✓	✓
	LAMP UNIT MODEL NUMBER	*LAMP MODELNAME*			QVX:LMNS0	LMNSO=*LAMPMODELNO*	✓	✓	✓	✓	✓	✓	✓	✓
	AIR FILTER MODEL NUMBER	*FILTER MODELNAME*			QVX:FMNS0	FMNS0=*FILTERMODELNO*	✓	✓	✓	✓	✓	✓	✓	✓
	AIR FILTER TYPE	NORMAL		MFS:3	QFI:2	0	✓	✓	✓	✓	✓	✓	✓	✓
		SPECIAL		MFS:4		1	✓	✓	✓	✓	✓	✓	✓	✓
	MAIN FIRMWARE VERSION	V1.00.01			QVX:SVRS0	SVRS0=1.00.01	✓	✓	✓	✓	✓	✓	✓	✓
	NETWORK FIRMWARE VERSION	V1.00			QVX:SVRS1	SVRS1=1.00	✓	✓	✓	✓	✓	✓	✓	✓
	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=*****……	✓	✓	✓	✓	✓	✓	✓	✓
	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	✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-MODE	OFF		OPP:0	QPP	0	✓	✓	✓	✓	✓	✓	✓	✓
		USER1		OPP:1		1	✓	✓	✓	✓	✓	✓	✓	✓
		USER2		OPP:2		2	✓	✓	✓	✓	✓	✓	✓	✓
		USER3		OPP:3		3	✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-MAIN WINDOW	RGB1		MSI:RG1	QIM	RG1	✓	✓	✓	✓	✓	✓	✓	✓
		RGB2		MSI:RG2		RG2	✓	✓	✓	✓	✓	✓	✓	✓
		VIDEO		MSI:VID		VID					✓	✓	✓	✓
		DVI		MSI:DVI		DVI	✓	✓	✓	✓	✓	✓	✓	✓
		HDMI1		MSI:HD1		HD1	✓	✓	✓	✓	✓	✓	✓	✓
		SDI1		MSI:SD1		SD1	✓	✓	✓		✓	✓	✓	
		SDI2		MSI:SD2		SD2	✓	✓			✓	✓		
	P IN P-MAIN WIDNOW-SIZE-INTERLOCKED	OFF		MSL:0			✓	✓	✓	✓	✓	✓	✓	✓
		ON		MSL:1			✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-MAIN WIDNOW-SIZE-VERTICAL	10		MSV:010			✓	✓	✓	✓	✓	✓	✓	✓
		100		MSV:100			✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-MAIN WIDNOW-SIZE-HORIZONTAL	10		MSH:010			✓	✓	✓	✓	✓	✓	✓	✓
		100		MSH:100			✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-MAIN WIDNOW-SIZE-BOTH	10		MSZ:010			✓	✓	✓	✓	✓	✓	✓	✓
		100		MSZ:100			✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-MAIN WIDNOW-POSITION-VERTICAL	*min.*		MPV:-600			-580	-505	-520	-364	-580	-505	-520	-364
		max.		MPV:+600			+580	+505	+520	+364	+580	+505	+520	+364
	P IN P-MAIN WIDNOW-POSITION-HORIZONTAL	*min.*		MPH:-960			-928	-668	-928	-651	-928	-668	-928	-651
		max.		MPH:+960			+928	+668	+928	+651	+928	+668	+928	+651
	P IN P-MAIN WINDOW-SIZE	INTERLOCKED	OFF		QSM	OF.V010.H010.HV100	✓	✓	✓	✓	✓	✓	✓	✓
			ON			ON.V010.H010.HV100	✓	✓	✓	✓	✓	✓	✓	✓
		VERTICAL SIZE	10-100			**.V010.H***.HV***	✓	✓	✓	✓	✓	✓	✓	✓
		HORIZONTAL SIZE	10-100			**.V***.H010.HV***	✓	✓	✓	✓	✓	✓	✓	✓
		H/V SIZE	10-100			**.V***.H***.HV100	✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-MAIN WINDOW-POSITION	V:-364 +364			QPA	V-364.H-651	✓	✓	✓	✓	✓	✓	✓	✓
		H:-651 +651				V+364.H+651	✓	✓	✓	✓	✓	✓	✓	✓
P IN P	P IN P-SUB WINDOW	RGB1		SIS:RG1	QIS	RG1	✓	✓	✓	✓	✓	✓	✓	✓
		RGB2		SIS:RG2		RG2	✓	✓	✓	✓	✓	✓	✓	✓
		VIDEO		SIS:VID		VID					✓	✓	✓	✓
		DVI		SIS:DVI		DVI	✓	✓	✓	✓	✓	✓	✓	✓
		HDMI1		SIS:HD1		HD1	✓	✓	✓	✓	✓	✓	✓	✓
		SD1		SIS:SD1		SD1	✓	✓	✓		✓	✓	✓	
		SD2		SIS:SD2		SD2	✓	✓			✓	✓		
	P IN P-SUB WINDOW-SIZE	INTERLOCKED	OFF		QSS	OF.V010.H010.HV100	✓	✓	✓	✓	✓	✓	✓	✓
			ON			ON.V010.H010.HV100	✓	✓	✓	✓	✓	✓	✓	✓
		VERTICAL SIZE	10-100			**.V010.H***.HV***	✓	✓	✓	✓	✓	✓	✓	✓
		HORIZONTAL SIZE	10-100			**.V***.H010.HV***	✓	✓	✓	✓	✓	✓	✓	✓
		H/V SIZE	10-100			**.V***.H***.HV100	✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-SUB WINDOW-POSITION	V:-364 +364			QPS	V-364.H-651	✓	✓	✓	✓	✓	✓	✓	✓
		H:-651 +651				V+364.H+651	✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-SUB WIDNOW-SIZE-INTERLOCKED	OFF		SSL:0		0	✓	✓	✓	✓	✓	✓	✓	✓
		ON		SSL:1		1	✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-SUB WIDNOW-SIZE-VERTICAL	10		SSV:010		010	✓	✓	✓	✓	✓	✓	✓	✓
		100		SSV:100		100	✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-SUB WIDNOW-SIZE-HORIZONTAL	10		SSH:010		010	✓	✓	✓	✓	✓	✓	✓	✓
		100		SSH:100		100	✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-SUB WIDNOW-SIZE-BOTH	10		SSZ:010		010	✓	✓	✓	✓	✓	✓	✓	✓
		100		SSZ:100		100	✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-SUB WIDNOW-POSITION-VERTICAL	-600		SPV:-600		-600	-580	-505	-520	-364	-580	-505	-520	-364
		+600		SPV:+600		+600	+580	+505	+520	+364	+580	+505	+520	+364
	P IN P-SUB WIDNOW-POSITION-HORIZONTAL	-960		SPH:-960		-960	-928	-668	-928	-651	-928	-668	-928	-651
		+960		SPH:+960		+960	+928	+668	+928	+651	+928	+668	+928	+651
	P IN P-SUB WINDOW-CLOCK PHASE	0		VXX:SCPI0=+00000	QVX:SCPI0	SCPI0=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		31		VXX:SCPI0=+00031		SCPI0=+00031	✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-FRAME LOCK	MAIN WINDOW		PFL:0	QPF	0	✓	✓	✓	✓	✓	✓	✓	✓
		SUB WINDOW		PFL:1		1	✓	✓	✓	✓	✓	✓	✓	✓
	P IN P-TYPE	MAIN WINDOW		PTP:0	QPT	0	✓	✓	✓	✓	✓	✓	✓	✓
		SUB WINDOW		PTP:1		1	✓	✓	✓	✓	✓	✓	✓	✓
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	✓	✓	✓	✓	✓	✓	✓	✓
		Cross Hatch		OTS:07		07	✓	✓	✓	✓	✓	✓	✓	✓
		Color Bar V		OTS:08		08	✓	✓	✓	✓	✓	✓	✓	✓
		Color Bar Side		OTS:51		51	✓	✓	✓	✓	✓	✓	✓	✓
		3D-1		OTS:80		80	✓	✓			✓	✓		
		3D-2		OTS:81		81	✓	✓			✓	✓		
		3D-3		OTS:82		82	✓	✓						
		3D-4		OTS:83		83	✓	✓						
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-CHANGEOVER	01		OCS:01			✓	✓	✓	✓	✓	✓	✓	✓
		96		OCS:96			✓	✓	✓	✓	✓	✓	✓	✓
	SUB MEMORY LIST-CHANGEOVER (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:SPWI1	SPWI1=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON				SPWI1=+00001	✓	✓	✓	✓	✓	✓	✓	✓
	DIGITAL LINK MODE	AUTO		VXX:DKMI1=+00001	QVX:DKMI1	DKMI1=+00001	✓	✓	✓	✓				
		DIGITAL LINK		VXX:DKMI1=+00002		DKMI1=+00002	✓	✓	✓	✓				
		ETHERNET		VXX:DKMI1=+00003		DKMI1=+00003	✓	✓	✓	✓				
		LONG REACH MODE		VXX:DKMI1=+00004		DKMI1=+00004	✓	✓	✓	✓				
	DIGITAL LINK-DUPLEX(Ethernet)	Auto negotiation		VXX:DKDI1=+00000	QVX:DKDI1	DKDI1=+00000	✓	✓	✓	✓				
		100BaseTX-Full		VXX:DKDI1=+00001		DKDI1=+00001	✓	✓	✓	✓				
		100BaseTX-Half		VXX:DKDI1=+00002		DKDI1=+00002	✓	✓	✓	✓				
	DIGITAL LINK-DUPLEX(DIGITAL LINK)	Auto negotiation		VXX:DKDI2=+00000	QVX:DKDI2	DKDI2=+00000	✓	✓	✓	✓				
		100BaseTX-Full		VXX:DKDI2=+00001		DKDI2=+00001	✓	✓	✓	✓				
		100BaseTX-Half		VXX:DKDI2=+00002		DKDI2=+00002	✓	✓	✓	✓				
	DIGITAL LINK STATUS-LINK	NO LINK			QVX:DKSI1	DKSI1=+00000	✓	✓	✓	✓				
		DIGITAL LINK				DKSI1=+00001	✓	✓	✓	✓				
		LPM				DKSI1=+00002	✓	✓	✓	✓				
		ETHERNET				DKSI1=+00003	✓	✓	✓	✓				

CONTROL COMMANDS

				CONTROL	QUERY		DZ21K2 SERIES				DZ21K SERIES			
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	DZ21K2 SDZ21K2C	DS20K2 SDZ20K2C	DZ16K2 SDZ18K2C	DW17K2 SDW17K2C	DZ21K SDZ21KC	DS20K SDZ20KC	DZ16K SDZ18KC	DW17K SDW17KC
NETWORK	DIGITAL LINK STATUS-HDCP STATUS	NO SIGNAL			QVX:DKSI2	DKSI2=+00000	✓	✓	✓	✓				
		OFF				DKSI2=+00001	✓	✓	✓	✓				
		ON				DKSI2=+00002	✓	✓	✓	✓				
	DIGITAL LINK STATUS-SIGNAL QUALITY (MIN)	-255			QVX:DKSI3	DKSI3=-00255	✓	✓	✓	✓				
		0				DKSI3=+00000	✓	✓	✓	✓				
	DIGITAL LINK STATUS-SIGNAL QUALITY (MAX)	-255			QVX:DKSI4	DKSI4=-00255	✓	✓	✓	✓				
		0				DKSI4=+00000	✓	✓	✓	✓				
	DIGITAL LINK INPUT CH LIST	*HD1:HDMI1,HD2:HDMI2…*			QVX:DL1S1	DL1S1=HD1:HDMI1,****:***	✓	✓	✓	✓				
	PROJECTOR NAME SETTING	*PROJECTOR1*		VXX:NCGS8=*PROJECTOR1*	QVX:NCGS8	NCGS8=*PROJECTOR1*	✓	✓	✓	✓	✓	✓	✓	✓
	Art-Net SETUP	OFF		VXX:DANI1=+00000	QVX:DANI1	DANI1=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		ON		VXX:DANI1=+00001		DANI1=+00001					✓	✓	✓	✓
		ON(2.*.*.*)		VXX:DANI1=+00002		DANI1=+00002	✓	✓	✓	✓				
		ON(10.*.*.*)		VXX:DANI1=+00003		DANI1=+00003	✓	✓	✓	✓				
		ON(MANUAL)		VXX:DANI1=+00004		DANI1=+00004	✓	✓	✓	✓				
	Art-Net SETUP-PORT ADDRESS	OFF		VXX:DANI2=+00000	QVX:DANI2	DANI2=+00000	✓	✓	✓	✓	✓	✓	✓	✓
		32767		VXX:DANI2=+32767		DANI2=+32767	✓	✓	✓	✓	✓	✓	✓	✓
	Art-Net SETUP-START ADDRESS	1		VXX:DANI3=+00001	QVX:DANI3	DANI3=+00001	✓	✓	✓	✓	✓	✓	✓	✓
		501		VXX:DANI3=+00501		DANI3=+00501	✓	✓	✓	✓	✓	✓	✓	✓
	Art-Net SETUP-NET	0		VXX:DANI4=+00000	QVX:DANI4	DANI4=+00000	✓	✓	✓	✓				
		127		VXX:DANI4=+00127		DANI4=+00127	✓	✓	✓	✓				
	Art-Net SETUP-SUB NET	0		VXX:DANI5=+00000	QVX:DANI5	DANI5=+00000	✓	✓	✓	✓				
		15		VXX:DANI5=+00015		DANI5=+00015	✓	✓	✓	✓				
	Art-Net SETUP-UNIVERS	0		VXX:DANI6=+00000	QVX:DANI6	DANI6=+00000	✓	✓	✓	✓				
		15		VXX:DANI6=+00015		DANI6=+00015	✓	✓	✓	✓				

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