

Control Commands

Model No. PT-MZ16K

PT-MZ16KL
PT-SMZ16KCL
PT-MZ13KL
PT-SMZ13KCL
PT-MZ10KL
PT-SMZ10KCL



- 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

				CONTROL		QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K	
BASIC OPERATIO N REMOTE CONTROL	POWER	ON		PON	QPW	001	✓	
		OFF (STANDBY)		POF		000	✓	
	INPUT SELECT	COMPUTER1		IIS:RG1	QIN	RG1	✓	
		DVI		IIS:DVI		DVI	✓	
		HDMI1		IIS:HD1		HD1	✓	
		SDI1		IIS:SD1		SD1	✓	
		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			✓	
	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			✓	
	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			✓	
	ACTIVE FOCUS OPTIMIZER-ACTIVE FOCUS	OFF		VXX:AF0I1=+00000	QVX:AF0I1	AF0I1=+00000	✓	
		ON		VXX:AF0I1=+00001		AF0I1=+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			✓		
SELF DIAGNOSIS				QVX:ERRS1 QVX:ERRS2	ERRS1=***** ERRS2=***** 	✓ ✓		
	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		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	LOW		OTE:0	QTE	0	✓	
		HIGH		OTE:2		2	✓	
		USER		OTE:4		4	✓	
		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:NCLI1=+00000			✓		
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	✓		

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
PICTURE	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(PRESET)	-8		VXX:GAMI1=-00008	QVX:GAMI1	GAMI1=-00008	✓
		+7		VXX:GAMI1+=00007		GAMI1+=00007	✓
	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	✓
		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 (BRIGHT SIGNAL LEVEL)	6%		VXX:DYCI1+=00006	QVX:DYCI1	00006	✓
		50%		VXX:DYCI1+=00050		00050	✓
	DYNAMIC CONTRAST (LIGHTS OUT TIMER)	DISABLE		VXX:DYCS2=OFF	QVX:DYCS2	OFF	✓
		0.0s		VXX:DYCS2=0.0		0.0	✓
		10.0s		VXX:DYCS2=10.0		10.0	✓
	DYNAMIC CONTRAST (LIGHTS OUT SIGNAL LEVEL)	0		VXX:DYCI3+=00000	QVX:DYCI3	00000	✓
		5		VXX:DYCI3+=00005		00005	✓
	DYNAMIC CONTRAST (LIGHTS OUT FADE-IN)	0.0s(OFF)		VXX:DYCS4=0.0	QVX:DYCS4	DYCS4=0.0	✓
		0.5s		VXX:DYCS4=0.5		DYCS4=0.5	✓
		1.0s		VXX:DYCS4=1.0		DYCS4=1.0	✓
		1.5s		VXX:DYCS4=1.5		DYCS4=1.5	✓
		2.0s		VXX:DYCS4=2.0		DYCS4=2.0	✓
		2.5s		VXX:DYCS4=2.5		DYCS4=2.5	✓
		3.0s		VXX:DYCS4=3.0		DYCS4=3.0	✓
		3.5s		VXX:DYCS4=3.5		DYCS4=3.5	✓
		4.0s		VXX:DYCS4=4.0		DYCS4=4.0	✓
		5.0s		VXX:DYCS4=5.0		DYCS4=5.0	✓
		7.0s		VXX:DYCS4=7.0		DYCS4=7.0	✓
		10.0s		VXX:DYCS4=10.0		DYCS4=10.0	✓
	DYNAMIC CONTRAST (LIGHTS OUT FADE-OUT)	0.0s(OFF)		VXX:DYCS5=0.0	QVX:DYCS5	DYCS5=0.0	✓
		0.5s		VXX:DYCS5=0.5		DYCS5=0.5	✓
		1.0s		VXX:DYCS5=1.0		DYCS5=1.0	✓
		1.5s		VXX:DYCS5=1.5		DYCS5=1.5	✓
		2.0s		VXX:DYCS5=2.0		DYCS5=2.0	✓
		2.5s		VXX:DYCS5=2.5		DYCS5=2.5	✓
		3.0s		VXX:DYCS5=3.0		DYCS5=3.0	✓
		3.5s		VXX:DYCS5=3.5		DYCS5=3.5	✓
		4.0s		VXX:DYCS5=4.0		DYCS5=4.0	✓
		5.0s		VXX:DYCS5=5.0		DYCS5=5.0	✓
		7.0s		VXX:DYCS5=7.0		DYCS5=7.0	✓
		10.0s		VXX:DYCS5=10.0		DYCS5=10.0	✓
	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	✓
	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	✓
	DEFAULT PICTURE MODE	AUTO		VXX:DPMS1=AUT	QVX:DPMS1	DPMS1=AUT	✓
		STANDARD		VXX:DPMS1=STD		DPMS1=STD	✓
		DYNAMIC		VXX:DPMS1=DYN		DPMS1=DYN	✓
		NATURAL		VXX:DPMS1=NAT		DPMS1=NAT	✓
		CINEMA		VXX:DPMS1=CIN		DPMS1=CIN	✓
		GRAPHIC		VXX:DPMS1=GRA		DPMS1=GRA	✓
		DICOM SIM./DICOM		VXX:DPMS1=DIC		DPMS1=DIC	✓
		REC709		VXX:DPMS1=709		DPMS1=709	✓
	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-	-15.0 (-40.0)*	0.2 step	VXX:GMCS9=-15.0	QVX:GMCS9	GMCS9=-15.0	✓

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
POSITION	HORIZONTAL KEYSTONE	+15.0 (+40.0)*		VXX:GMCS9=+15.0		GMCS9=+15.0	✓
	GEOMETRY-CURVED- MAINTAIN ASPECT RATIO	OFF ON		VXX:GMCIA=+00000 VXX:GMCIA=+00001	QVX:GMCIA	GMCIA=+00000 GMCIA=+00001	✓ ✓
	GEOMETRY-CORNER CORRECTION- UPPER LEFT(V)	min. max.		VXX:GMFI1=+00000 VXX:GMFI1=+00300	QVX:GMFI1	GMFI1=+00000 GMFI1=+00300	-120 +300
	GEOMETRY-CORNER CORRECTION- UPPER RIGHT(V)	min. max.		VXX:GMFI2=+00000 VXX:GMFI2=+00300	QVX:GMFI2	GMFI2=+00000 GMFI2=+00300	-120 +300
	GEOMETRY-CORNER CORRECTION- LOWER LEFT(V)	min. max.		VXX:GMFI3=-00300 VXX:GMFI3=+00000	QVX:GMFI3	GMFI3=-00300 GMFI3=+00000	-300 +120
	GEOMETRY-CORNER CORRECTION- LOWER RIGHT(V)	min. max.		VXX:GMFI4=-00300 VXX:GMFI4=+00000	QVX:GMFI4	GMFI4=-00300 GMFI4=+00000	-300 +120
	GEOMETRY-CORNER CORRECTION- LINEARITY(V)	min. max.		VXX:GMFI5=-00127 VXX:GMFI5=+00127	QVX:GMFI5	GMFI5=-00127 GMFI5=+00127	-127 +127
	GEOMETRY-CORNER CORRECTION- UPPER LEFT(H)	min. max.		VXX:GMFI6=+00000 VXX:GMFI6=+00480	QVX:GMFI6	GMFI6=+00000 GMFI6=+00480	-192 +480
	GEOMETRY-CORNER CORRECTION- UPPER RIGHT(H)	min. max.		VXX:GMFI7=-00480 VXX:GMFI7=+00000	QVX:GMFI7	GMFI7=-00480 GMFI7=+00000	-480 +192
	GEOMETRY-CORNER CORRECTION- LOWER LEFT(H)	min. max.		VXX:GMFI8=+00000 VXX:GMFI8=+00480	QVX:GMFI8	GMFI8=+00000 GMFI8=+00480	-192 +480
	GEOMETRY-CORNER CORRECTION- LOWER RIGHT(H)	min. max.		VXX:GMFI9=-00480 VXX:GMFI9=+00000	QVX:GMFI9	GMFI9=-00480 GMFI9=+00000	-480 +192
	GEOMETRY-CORNER CORRECTION- LINEARITY(H)	min. max.		VXX:GMFIA=-00127 VXX:GMFIA=+00127	QVX:GMFIA	GMFIA=-00127 GMFIA=+00127	-127 +127
	GEOMETRY - FREE GRID(ON/OFF)	OFF ON		VXX:GMGI1=+00000 VXX:GMGI1=+00001	QVX:GMGI1	GMGI1=+00000 GMGI1=+00001	✓ ✓
	GEOMETRY - FREE GRID - INITIALIZE			VXX:GMGI2=+00001			✓
	GEOMETRY - FREE GRID - GRID RESOLUTION	2x2 3x3 5x5 9x9 17x17		VXX:GMGI3=+00002 VXX:GMGI3=+00003 VXX:GMGI3=+00005 VXX:GMGI3=+00009 VXX:GMGI3=+00017	QVX:GMGI3	GMGI3=+00002 GMGI3=+00003 GMGI3=+00005 GMGI3=+00009 GMGI3=+00017	✓ ✓ ✓ ✓ ✓
	GEOMETRY - FREE GRID - GRID COLOR	OFF WHITE BLACK RED GREEN BLUE CYAN MAGENTA YELLOW		VXX:GMGI4=+00000 VXX:GMGI4=+00001 VXX:GMGI4=+00002 VXX:GMGI4=+00003 VXX:GMGI4=+00004 VXX:GMGI4=+00005 VXX:GMGI4=+00006 VXX:GMGI4=+00007 VXX:GMGI4=+00008	QVX:GMGI4	GMGI4=+00000 GMGI4=+00001 GMGI4=+00002 GMGI4=+00003 GMGI4=+00004 GMGI4=+00005 GMGI4=+00006 GMGI4=+00007 GMGI4=+00008	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
	GEOMETRY - FREE GRID - CONTROL POINTS	POINT HORIZONTAL LINE VERTICAL LINE		VXX:GMGI5=+00000 VXX:GMGI5=+00001 VXX:GMGI5=+00002	QVX:GMGI5	GMGI5=+00000 GMGI5=+00001 GMGI5=+00002	✓ ✓ ✓
	GEOMETRY - FREE GRID - GRID WIDTH	1 10		VXX:GMGI7=+00001 VXX:GMGI7=+00010	QVX:GMGI7	GMGI7=+00001 GMGI7=+00010	✓ ✓
	GEOMETRY - FREE GRID - CONTROL POINTS COLOR	WHITE BLACK RED GREEN BLUE CYAN MAGENTA YELLOW		VXX:GMGI8=+00001 VXX:GMGI8=+00002 VXX:GMGI8=+00003 VXX:GMGI8=+00004 VXX:GMGI8=+00005 VXX:GMGI8=+00006 VXX:GMGI8=+00007 VXX:GMGI8=+00008	QVX:GMGI8	GMGI8=+00001 GMGI8=+00002 GMGI8=+00003 GMGI8=+00004 GMGI8=+00005 GMGI8=+00006 GMGI8=+00007 GMGI8=+00008	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
	SHIFT-HORIZONTAL	0 +4095		VTH:0000 VTH:4095	QTH	0000 4095	✓ ✓
	SHIFT-VERTICAL	0 +4094		VTV:0000 VTV:4094	QTV	0000 4094	✓ ✓
	CLOCK PHASE	0 +31		VCP:000 VCP:031	QCP	000 063	✓ ✓
	ASPECT	AUTO/VID AUTO/DEFAULT NORMAL(4:3) WIDE(16:9) NATIVE(through) FULL(HV FIT) H-FIT V-FIT		VSE:0 VSE:1 VSE:2 VSE:5 VSE:6 VSE:9 VSE:10	QSE	0 1 2 5 6 9 10	✓ ✓ ✓ ✓ ✓ ✓ ✓
	ZOOM-HORIZONTAL	50 999		OZH:050 OZH:999	QZH	050 999	✓ ✓
	ZOOM-VERTICAL	50 999		OZV:050 OZV:999	QZV	050 999	✓ ✓
	ZOOM-BOTH	50 999		OZO:050 OZO:999	QZO	050 999	✓ ✓
	ZOOM-INTERLOCKED	OFF ON		OZS:0 OZS:1	QZS	0 1	✓ ✓
	ZOOM-MODE	INTERNAL FULL		OZT:0 OZT:1	QZT	0 1	✓ ✓
	DIGITAL CINEMA REALITY	AUTO OFF 30p/25p FIXED		OPD:0 OPD:1 OPD:2	QPD	0 1 2	✓ ✓ ✓
	BLANKING-UPPER	min. max.		DBU:000 DBU:2398	QLU	000 2398	0 599
	BLANKING-LOWER	min. max.		DBB:000 DBB:2398	QLB	000 2398	0 599
	BLANKING-RIGHT	min. max.		DBR:000 DBR:3838	QLR	000 3838	0 959
	BLANKING-LEFT	min. max.		DBL:000 DBL:3838	QLL	000 3838	0 959
	INPUT RESOLUTION- TOTAL DOTS	330 4095		VTD:0330 VTD:4095	QTD	0330 4095	✓ ✓
	INPUT RESOLUTION- DISPLAY DOTS	300 4065		VDD:0300 VDD:4065	QDD	0300 4065	✓ ✓
	INPUT RESOLUTION- TOTAL LINES	155 2047		VTL:0155 VTL:2047	QTL	0155 2047	✓ ✓
	INPUT RESOLUTION- DISPLAY LINES	150 2037		VDL:0150 VDL:2037	QDL	0150 2037	✓ ✓
	CLAMP POSITION	1 255		VLT:001 VLT:255	QLT	001 255	✓ ✓
	CUSTOM MASKING *	OFF PC-1 PC-2 PC-3		VXX:MSKI1=+00000 VXX:MSKI1=+00001 VXX:MSKI1=+00002 VXX:MSKI1=+00003	QVX:MSKI1	MSKI1=+00000 MSKI1=+00001 MSKI1=+00002 MSKI1=+00003	✓ ✓ ✓ ✓
	EDGE BLENDING	OFF ON USER		VXX:EDBI0=+00000 VXX:EDBI0=+00001 VXX:EDBI0=+00002	QVX:EDBI0	EDBI0=+00000 EDBI0=+00001 EDBI0=+00002	✓ ✓ ✓
	EDGE BLENDING-UPPER ON/OFF	OFF ON		VGU:0 VGU:1	QGU	0 1	✓ ✓
	EDGE BLENDING-LOWER ON/OFF	OFF ON		VGB:0 VGB:1	QGB	0 1	✓ ✓
	EDGE BLENDING-LEFT ON/OFF	OFF ON		VGL:0 VGL:1	QGL	0 1	✓ ✓
	EDGE BLENDING-RIGHT ON/OFF	OFF ON		VGR:0 VGR:1	QGR	0 1	✓ ✓

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
ADVANCED	EDGE BLENDING-START-UPPER	min. max.		VEU:0000 VEU:2272	QEU	0000 2272	✓ ✓
	EDGE BLENDING-START-LOWER	min. max.		VEB:0000 VEB:2272	QEB	0000 2272	✓ ✓
	EDGE BLENDING-START-LEFT	min. max.		VEL:0000 VEL:3712	QEL	0000 3712	✓ ✓
	EDGE BLENDING-START-RIGHT	min. max.		VER:0000 VER:3712	QER	0000 3712	✓ ✓
	EDGE BLENDING-WIDTH-UPPER	min. max.		VXX:EUIWIO=+00000 VXX:EUIWIO=+02272	QVX:EUIWIO	EUIWIO=+00000 EUIWIO=+02272	✓ ✓
	EDGE BLENDING-WIDTH-LOWER	min. max.		VXX:EBWIO=+00000 VXX:EBWIO=+02272	QVX:EBWIO	EBWIO=+00000 EBWIO=+02272	✓ ✓
	EDGE BLENDING-WIDTH-LEFT	min. max.		VXX:ELWIO=+00000 VXX:ELWIO=+03712	QVX:ELWIO	ELWIO=+00000 ELWIO=+03712	✓ ✓
	EDGE BLENDING-WIDTH-RIGHT	min. max.		VXX:ERWIO=+00000 VXX:ERWIO=+03712	QVX:ERWIO	ERWIO=+00000 ERWIO=+03712	✓ ✓
	EDGE BLENDING-MARKER-ON/OFF	OFF ON		VGM:0 VGM:1	QGM	0 1	✓ ✓
	EDGE BLENDING-NON-OVERLAPPED BLACK LEVEL	0 (W,R,G,B) 255 (W,R,G,B)		VJI:000.000.000.000 VJI:255.255.255.255	QJI	000.000.000.000 255.255.255.255	✓ ✓
	EDGE BLENDING-NON-OVERLAPPED BLACK LEVEL-	OFF ON		VXX:EBII1=+00000 VXX:EBII1=+00001	QVX:EBII1	EBII1=+00000 EBII1=+00001	✓ ✓
	EDGE BLENDING-BLACK BORDER LEVEL	0 (W,R,G,B) 255 (W,R,G,B)		VJO:000,000,000,000 VJO:255,255,255,255	QJO	000.000.000.000 255.255.255.255	✓ ✓
	EDGE BLENDING-BLACK BORDER LEVEL-INTERLOCKED	OFF ON		VXX:EBII2=+00000 VXX:EBII2=+00001	QVX:EBII2	EBII2=+00000 EBII2=+00001	✓ ✓
	EDGE BLENDING-BLACK BORDER WIDTH-UPPER	min. max.		VJU:0000 VJU:2272	QJU	0000 2272	0 1200
	EDGE BLENDING-BLACK BORDER WIDTH-LOWER	min. max.		VJB:0000 VJB:2272	QJB	0000 2272	0 1200
	EDGE BLENDING-BLACK BORDER WIDTH-LEFT	min. max.		VJL:0000 VJL:3712	QJL	0000 3712	0 1920
	EDGE BLENDING-BLACK BORDER WIDTH-RIGHT	min. max.		VJR:0000 VJR:3712	QJR	0000 3712	0 1920
	EDGE BLENDING-BLACK BORDER WIDTH-UPPER KEYSTONE AREA	min. max.		VXX:EBBI4=-02272 VXX:EBBI4=+02272	QVX:EBBI4	EBBI4=-02272 EBBI4=+02272	1200 1200
	EDGE BLENDING-BLACK BORDER WIDTH-LOWER KEYSTONE AREA	min. max.		VXX:EBBI5=-02272 VXX:EBBI5=+02272	QVX:EBBI5	EBBI5=-02272 EBBI5=+02272	-1200 1200
	EDGE BLENDING-BLACK BORDER WIDTH-LEFT KEYSTONE AREA	min. max.		VXX:EBBI6=-03712 VXX:EBBI6=+03712	QVX:EBBI6	EBBI6=-03712 EBBI6=+03712	-1920 1920
	EDGE BLENDING-BLACK BORDER WIDTH-RIGHT KEYSTONE AREA	min. max.		VXX:EBBI7=-03712 VXX:EBBI7=+03712	QVX:EBBI7	EBBI7=-03712 EBBI7=+03712	-1920 1920
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-UPPER	0 (W,R,G,B) 255 (W,R,G,B)		VXX:EBBS0=000,000,000,000 VXX:EBBS0=255,255,255,255	QVX:EBBS0	EBBS0=000,000,000,000 EBBS0=255,255,255,255	✓ ✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LOWER	0 (W,R,G,B) 255 (W,R,G,B)		VXX:EBBS1=000,000,000,000 VXX:EBBS1=255,255,255,255	QVX:EBBS1	EBBS1=000,000,000,000 EBBS1=255,255,255,255	✓ ✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LEFT	0 (W,R,G,B) 255 (W,R,G,B)		VXX:EBBS2=000,000,000,000 VXX:EBBS2=255,255,255,255	QVX:EBBS2	EBBS2=000,000,000,000 EBBS2=255,255,255,255	✓ ✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-RIGHT	0 (W,R,G,B) 255 (W,R,G,B)		VXX:EBBS3=000,000,000,000 VXX:EBBS3=255,255,255,255	QVX:EBBS3	EBBS3=000,000,000,000 EBBS3=255,255,255,255	✓ ✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-UPPER	OFF ON		VXX:EBII3=+00000 VXX:EBII3=+00001	QVX:EBII3	EBII3=+00000 EBII3=+00001	✓ ✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LOWER	OFF ON		VXX:EBII4=+00000 VXX:EBII4=+00001	QVX:EBII4	EBII4=+00000 EBII4=+00001	✓ ✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LEFT INTERLOCKED	OFF ON		VXX:EBII5=+00000 VXX:EBII5=+00001	QVX:EBII5	EBII5=+00000 EBII5=+00001	✓ ✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-RIGHT	OFF ON		VXX:EBII6=+00000 VXX:EBII6=+00001	QVX:EBII6	EBII6=+00000 EBII6=+00001	✓ ✓
	EDGE BLENDING-AUTO TESTPATTERN	OFF ON		VXX:EATI1=+00000 VXX:EATI1=+00001	QVX:EATI1	EATI1=+00000 EATI1=+00001	✓ ✓
	FRAME RESPONSE	NORMAL FAST FIXED		VXX:FDYIO=+00000 VXX:FDYIO=+00001 VXX:FDYIO=+00005	QVX:FDYIO	FDYIO=+00000 FDYIO=+00001 FDYIO=+00005	✓ ✓ ✓
	RASTER POSITION-HORIZONTAL	-2048 +2047		VRH:2952 VRH:7047	QRH	2952 7047	✓ ✓
	RASTER POSITION-VERTICAL	-2048 +2047		VRV:2952 VRV:7047	QRV	2952 7047	✓ ✓
DISPLAY LANGUAGE	LANGUAGE	English German French Spanish Italian Japanese Chinese Russian Korea Portuguse		OLG:ENG OLG:DEU OLG:FRA OLG:ESP OLG:ITL OLG:JPN OLG:CHI OLG:RUS OLG:KOR OLG:POR	QLG	ENG DEU FRA ESP ITL JPN CHI RUS KOR POR	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
	COLOR MATCHING	OFF 3COLORS 7COLORS		VXX:CMAIO=+00000 VXX:CMAIO=+00001 VXX:CMAIO=+00002	QVX:CMAIO	CMAIO=+00000 CMAIO=+00001 CMAIO=+00002	✓ ✓ ✓
	COLOR MATCHING-3COLORS-RED	0 (R,G,B) 2048,2048,2048(R,G,B)		VMR:0000,0000,0000 VMR:2048,2048,2048	QMR	0000,0000,0000 2048,2048,2048	✓ ✓
	COLOR MATCHING-3COLORS-GREEN	0 (R,G,B) 2048,2048,2048(R,G,B)		VMG:0000,0000,0000 VMG:2048,2048,2048	QMG	0000,0000,0000 2048,2048,2048	✓ ✓
	COLOR MATCHING-3COLORS-BLUE	0 (R,G,B) 2048,2048,2048(R,G,B)		VMB:0000,0000,0000 VMB:2048,2048,2048	QMB	0000,0000,0000 2048,2048,2048	✓ ✓
	COLOR MATCHING-3COLORS-WHITE	256 (GAIN) 2048(GAIN)		VMW:0256 VMW:2048	QMW	0256 2048	✓ ✓
	COLOR MATCHING-3COLORS-AUTO TESTPATTERN	OFF ON		VXX:CATIO=+00000 VXX:CATIO=+00001	QVX:CATIO	CATIO=+00000 CATIO=+00001	✓ ✓
	COLOR MATCHING-7COLORS-RED	0 (R,G,B) 2048(R,G,B)		VXX:C7CS0=0000,0000,0000 VXX:C7CS0=2048,2048,2048	QVX:C7CS0	C7CS0=0000,0000,0000 C7CS0=2048,2048,2048	✓ ✓
	COLOR MATCHING-7COLORS-GREEN	0 (R,G,B) 2048(R,G,B)		VXX:C7CS1=0000,0000,0000 VXX:C7CS1=2048,2048,2048	QVX:C7CS1	C7CS1=0000,0000,0000 C7CS1=2048,2048,2048	✓ ✓
	COLOR MATCHING-7COLORS-BLUE	0 (R,G,B) 2048(R,G,B)		VXX:C7CS2=0000,0000,0000 VXX:C7CS2=2048,2048,2048	QVX:C7CS2	C7CS2=0000,0000,0000 C7CS2=2048,2048,2048	✓ ✓
	COLOR MATCHING-7COLORS-CYAN	0 (R,G,B) 2048(R,G,B)		VXX:C7CS3=0000,0000,0000 VXX:C7CS3=2048,2048,2048	QVX:C7CS3	C7CS3=0000,0000,0000 C7CS3=2048,2048,2048	✓ ✓
	COLOR MATCHING-7COLORS-MAGENTA	0 (R,G,B) 2048(R,G,B)		VXX:C7CS4=0000,0000,0000 VXX:C7CS4=2048,2048,2048	QVX:C7CS4	C7CS4=0000,0000,0000 C7CS4=2048,2048,2048	✓ ✓
	COLOR MATCHING-7COLORS-YELLOW	0 (R,G,B) 2048(R,G,B)		VXX:C7CS5=0000,0000,0000 VXX:C7CS5=2048,2048,2048	QVX:C7CS5	C7CS5=0000,0000,0000 C7CS5=2048,2048,2048	✓ ✓
	COLOR MATCHING-7COLORS-WHITE	0 (R,G,B) 2048(R,G,B)		VXX:C7CS6=0000,0000,0000 VXX:C7CS6=2048,2048,2048	QVX:C7CS6	C7CS6=0000,0000,0000 C7CS6=2048,2048,2048	✓ ✓
	COLOR MATCHING-7COLORS-AUTO TESTPATTERN	OFF ON		VXX:CATI1=+00000 VXX:CATI1=+00001	QVX:CATI1	CATI1=+00000 CATI1=+00001	✓ ✓
	COLOR CORRECTION	OFF USER		VCM:0 VCM:1	QMC	0 1	✓ ✓
	COLOR CORRECTION-RED	-30 +30		VXX:CCRIO=-00030 VXX:CCRIO=+00030	QVX:CCRIO	CCRIO=-00030 CCRIO=+00030	✓ ✓
	COLOR CORRECTION-GREEN	-30 +30		VXX:CCRI1=-00030 VXX:CCRI1=+00030	QVX:CCRI1	CCRI1=-00030 CCRI1=+00030	✓ ✓
	COLOR CORRECTION-BLUE	-30		VXX:CCRI2=-00030	QVX:CCRI2	CCRI2=-00030	✓

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
	COLOR CORRECTION-CYAN	+30		VXX:CCRI2=+00030		CCRI2=+00030	✓
		-30		VXX:CCRI3=-00030	QVX:CCRI3	CCRI3=-00030	✓
		+30		VXX:CCRI3=+00030		CCRI3=+00030	✓
	COLOR CORRECTION-MAGENTA	-30		VXX:CCRI4=-00030	QVX:CCRI4	CCRI4=-00030	✓
		+30		VXX:CCRI4=+00030		CCRI4=+00030	✓
	COLOR CORRECTION-YELLOW	-30		VXX:CCRI5=-00030	QVX:CCRI5	CCRI5=-00030	✓
		+30		VXX:CCRI5=+00030		CCRI5=+00030	✓
	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	✓
	BACKUP INPUT SETTING-BACKUP INPUT MODE	OFF		VXX:BACI2=+00000	QVX:BACI2	BACI2=+00000	✓
		ON/1		VXX:BACI2=+00001		BACI2=+00001	✓
		2		VXX:BACI2=+00002		BACI2=+00002	✓
		3		VXX:BACI2=+00003		BACI2=+00003	✓
	BACKUP INPUT SETTING-AUTOMATIC SWITCHING	DISABLE		VXX:BACI3=+00001	QVX:BACI3	BACI3=+00001	✓
		ENABLE		VXX:BACI3=+00002		BACI3=+00002	✓
	BACKUP INPUT SETTING-BACKUP INPUT STATUS	INACTIVE			QVX:BACI4	BACI4=+00000	✓
		ACTIVE				BACI4=+00001	✓
	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-RGB1 EDID RESOLUTION	1024x768p		VXX:EDRS7=1024:0768:p	QVX:EDRS1	EDRS7=1024:0768:p	✓
		1280x720p		VXX:EDRS7=1280:0720:p		EDRS7=1280:0720: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:EDVI7=+06000	QVX:EDVI7	EDVI7=+06000	✓
		50Hz		VXX:EDVI7=+05000		EDVI7=+05000	✓
		48Hz		VXX:EDVI7=+04800		EDVI7=+04800	✓
		30Hz		VXX:EDVI7=+03000		EDVI7=+03000	✓
		25Hz		VXX:EDVI7=+02500		EDVI7=+02500	✓
		24Hz		VXX:EDVI7=+02400		EDVI7=+02400	✓
	RGB IN-RGB1 EDID RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER		VXX:EDGS1=*****:*.****	QVX:EDGS1	EDGS1=*****:*.****	✓
		* PARAMETER1	1024x768	VXX:EDGS1=1024:0768:*.****		EDGS1=1024:0768:*.****	✓
			1280x720	VXX:EDGS1=1280:0720:*.****		EDGS1=1280:0720:*.****	✓
			1280x800	VXX:EDGS1=1280:0800:*.****		EDGS1=1280:0800:*.****	✓
			1280x1024	VXX:EDGS1=1280:1024:*.****		EDGS1=1280:1024:*.****	✓
			1366x768	VXX:EDGS1=1366:0768:*.****		EDGS1=1366:0768:*.****	✓
			1400x1050	VXX:EDGS1=1400:1050:*.****		EDGS1=1400:1050:*.****	✓
			1440x900	VXX:EDGS1=1440:0900:*.****		EDGS1=1440:0900:*.****	✓
			1600x900	VXX:EDGS1=1600:0900:*.****		EDGS1=1600:0900:*.****	✓
			1600x1200	VXX:EDGS1=1600:1200:*.****		EDGS1=1600:1200:*.****	✓
			1680x1050	VXX:EDGS1=1680:1050:*.****		EDGS1=1680:1050:*.****	✓
			1920x1080	VXX:EDGS1=1920:1080:*.****		EDGS1=1920:1080:*.****	✓
			1920x1200	VXX:EDGS1=1920:1200:*.****		EDGS1=1920:1200:*.****	✓
		* PARAMETER2	Progressive	VXX:EDGS1=*****:p:****		EDGS1=*****:p:****	✓
			Interlace	VXX:EDGS1=*****:i:****		EDGS1=*****:i:****	✓
		* PARAMETER3	60Hz	VXX:EDGS1=*****:*.6000		EDGS1=*****:*.6000	✓
			50Hz	VXX:EDGS1=*****:*.5000		EDGS1=*****:*.5000	✓
			48Hz	VXX:EDGS1=*****:*.4800		EDGS1=*****:*.4800	✓
			30Hz	VXX:EDGS1=*****:*.3000		EDGS1=*****:*.3000	✓
			25Hz	VXX:EDGS1=*****:*.2500		EDGS1=*****:*.2500	✓
			24Hz	VXX:EDGS1=*****:*.2400		EDGS1=*****:*.2400	✓
	RGB IN-RGB1 EDID STATUS RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER			QVX:ESGS1	ESGS1=*****:*.****	✓
		* PARAMETER1	1024x768			ESGS1=1024:0768:*.****	✓
			1280x720			ESGS1=1280:0720:*.****	✓
			1280x800			ESGS1=1280:0800:*.****	✓
			1280x1024			ESGS1=1280:1024:*.****	✓
			1366x768			ESGS1=1366:0768:*.****	✓
			1400x1050			ESGS1=1400:1050:*.****	✓
			1440x900			ESGS1=1440:0900:*.****	✓
			1600x900			ESGS1=1600:0900:*.****	✓
			1600x1200			ESGS1=1600:1200:*.****	✓
			1680x1050			ESGS1=1680:1050:*.****	✓
			1920x1080			ESGS1=1920:1080:*.****	✓
			1920x1200			ESGS1=1920:1200:*.****	✓
		* PARAMETER2	Progressive			ESGS1=*****:p:****	✓
			Interlace			ESGS1=*****:i:****	✓
		* PARAMETER3	60Hz			ESGS1=*****:*.6000	✓
			50Hz			ESGS1=*****:*.5000	✓
			48Hz			ESGS1=*****:*.4800	✓
			30Hz			ESGS1=*****:*.3000	✓
			25Hz			ESGS1=*****:*.2500	✓
			24Hz			ESGS1=*****:*.2400	✓
	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	✓
	DVI-D IN-EDID MODE	DEFAULT		VXX:EDMI2=+00000	QVX:EDMI0	EDMI2=+00000	✓
		SCREEN FIT		VXX:EDMI2=+00001		EDMI2=+00001	✓
		USER		VXX:EDMI2=+00010		EDMI2=+00010	✓
	DVI-D IN-EDID RESOLUTION	1024x768p		VXX:EDRS2=1024:0768:p	QVX:EDRS2	EDRS2=1024:0768:p	✓
		1280x720p		VXX:EDRS2=1280:0720:p		EDRS2=1280:0720:p	✓
		1280x768p		VXX:EDRS2=1280:0768:p		EDRS2=1280:0768:p	✓
		1280x800p		VXX:EDRS2=1280:0800:p		EDRS2=1280:0800:p	✓
		1280x1024p		VXX:EDRS2=1280:1024:p		EDRS2=1280:1024:p	✓
		1366x768p		VXX:EDRS2=1366:0768:p		EDRS2=1366:0768:p	✓
		1400x1050p		VXX:EDRS2=1400:1050:p		EDRS2=1400:1050:p	✓
		1440x900p		VXX:EDRS2=1440:0900:p		EDRS2=1440:0900:p	✓
		1600x900p		VXX:EDRS2=1600:0900:p		EDRS2=1600:0900:p	✓
		1600x1200p		VXX:EDRS2=1600:1200:p		EDRS2=1600:1200:p	✓
		1680x1050p		VXX:EDRS2=1680:1050:p		EDRS2=1680:1050:p	✓

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		MZ10K SERIES
				COMMANDS	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
DISPLAY OPTION	DVI-D IN-EDID VERTICAL SCAN FREQUENCY	1920x1080p		VXX:EDRS2=1920:1080:p		EDRS2=1920:1080:p	✓
		1920x1080i		VXX:EDRS2=1920:1080:i		EDRS2=1920:1080:i	✓
		1920x1200p		VXX:EDRS2=1920:1200:p		EDRS2=1920:1200:p	✓
		60Hz		VXX:EDVI2=+06000	QVX:EDVI2	EDVI2=+06000	✓
		50Hz		VXX:EDVI2=+05000		EDVI2=+05000	✓
		48Hz		VXX:EDVI2=+04800		EDVI2=+04800	✓
		30Hz		VXX:EDVI2=+03000		EDVI2=+03000	✓
		25Hz		VXX:EDVI2=+02500		EDVI2=+02500	✓
		24Hz		VXX:EDVI2=+02400		EDVI2=+02400	✓
	DVI-D IN-EDID RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER		VXX:EDDS1=*****:*:****	QVX:EDDS1	EDDS1=*****:*:****	✓
		* PARAMETER1	1024x768	VXX:EDDS1=1024:0768:*:****		EDDS1=1024:0768:*:****	✓
			1280x720	VXX:EDDS1=1280:0720:*:****		EDDS1=1280:0720:*:****	✓
			1280x800	VXX:EDDS1=1280:0800:*:****		EDDS1=1280:0800:*:****	✓
			1280x1024	VXX:EDDS1=1280:1024:*:****		EDDS1=1280:1024:*:****	✓
			1366x768	VXX:EDDS1=1366:0768:*:****		EDDS1=1366:0768:*:****	✓
			1400x1050	VXX:EDDS1=1400:1050:*:****		EDDS1=1400:1050:*:****	✓
			1440x900	VXX:EDDS1=1440:0900:*:****		EDDS1=1440:0900:*:****	✓
			1600x900	VXX:EDDS1=1600:0900:*:****		EDDS1=1600:0900:*:****	✓
			1600x1200	VXX:EDDS1=1600:1200:*:****		EDDS1=1600:1200:*:****	✓
			1680x1050	VXX:EDDS1=1680:1050:*:****		EDDS1=1680:1050:*:****	✓
			1920x1080	VXX:EDDS1=1920:1080:*:****		EDDS1=1920:1080:*:****	✓
			1920x1200	VXX:EDDS1=1920:1200:*:****		EDDS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive Interlace	VXX:EDDS1=*****:p:**** VXX:EDDS1=*****:i:****		EDDS1=*****:p:**** EDDS1=*****:i:****	✓ ✓
		* PARAMETER3	60Hz	VXX:EDDS1=*****:*:6000		EDDS1=*****:*:6000	✓
			50Hz	VXX:EDDS1=*****:*:5000		EDDS1=*****:*:5000	✓
			48Hz	VXX:EDDS1=*****:*:4800		EDDS1=*****:*:4800	✓
			30Hz	VXX:EDDS1=*****:*:3000		EDDS1=*****:*:3000	✓
			25Hz	VXX:EDDS1=*****:*:2500		EDDS1=*****:*:2500	✓
			24Hz	VXX:EDDS1=*****:*:2400		EDDS1=*****:*:2400	✓
	DVI-D IN-EDID STATUS RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER			QVX:ESDS1	ESDS1=*****:*:****	✓
		* PARAMETER1	1024x768			ESDS1=1024:0768:*:****	✓
			1280x720			ESDS1=1280:0720:*:****	✓
			1280x800			ESDS1=1280:0800:*:****	✓
			1280x1024			ESDS1=1280:1024:*:****	✓
			1366x768			ESDS1=1366:0768:*:****	✓
			1400x1050			ESDS1=1400:1050:*:****	✓
			1440x900			ESDS1=1440:0900:*:****	✓
			1600x900			ESDS1=1600:0900:*:****	✓
			1600x1200			ESDS1=1600:1200:*:****	✓
			1680x1050			ESDS1=1680:1050:*:****	✓
			1920x1080			ESDS1=1920:1080:*:****	✓
			1920x1200			ESDS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive Interlace			ESDS1=*****:p:**** ESDS1=*****:i:****	✓ ✓
		* PARAMETER3	60Hz			ESDS1=*****:*:6000	✓
			50Hz			ESDS1=*****:*:5000	✓
			48Hz			ESDS1=*****:*:4800	✓
			30Hz			ESDS1=*****:*:3000	✓
			25Hz			ESDS1=*****:*:2500	✓
			24Hz			ESDS1=*****:*:2400	✓
	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	✓
	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	✓
		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:EDVI3=+06000	QVX:EDVI3	EDVI3=+06000	✓
		50Hz		VXX:EDVI3=+05000		EDVI3=+05000	✓
		48Hz		VXX:EDVI3=+04800		EDVI3=+04800	✓
		30Hz		VXX:EDVI3=+03000		EDVI3=+03000	✓
		25Hz		VXX:EDVI3=+02500		EDVI3=+02500	✓
		24Hz		VXX:EDVI3=+02400		EDVI3=+02400	✓
	HDMI IN-HDMI1 EDID RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER		VXX:EDHS1=*****:*:****	QVX:EHDS1	EDHS1=*****:*:****	✓
		* PARAMETER1	1024x768	VXX:EDHS1=1024:0768:*:****		EDHS1=1024:0768:*:****	✓
			1280x720	VXX:EDHS1=1280:0720:*:****		EDHS1=1280:0720:*:****	✓
			1280x800	VXX:EDHS1=1280:0800:*:****		EDHS1=1280:0800:*:****	✓
			1280x1024	VXX:EDHS1=1280:1024:*:****		EDHS1=1280:1024:*:****	✓
			1366x768	VXX:EDHS1=1366:0768:*:****		EDHS1=1366:0768:*:****	✓
			1400x1050	VXX:EDHS1=1400:1050:*:****		EDHS1=1400:1050:*:****	✓
			1440x900	VXX:EDHS1=1440:0900:*:****		EDHS1=1440:0900:*:****	✓
			1600x900	VXX:EDHS1=1600:0900:*:****		EDHS1=1600:0900:*:****	✓
			1600x1200	VXX:EDHS1=1600:1200:*:****		EDHS1=1600:1200:*:****	✓
			1680x1050	VXX:EDHS1=1680:1050:*:****		EDHS1=1680:1050:*:****	✓
			1920x1080	VXX:EDHS1=1920:1080:*:****		EDHS1=1920:1080:*:****	✓
			1920x1200	VXX:EDHS1=1920:1200:*:****		EDHS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive Interlace	VXX:EDHS1=*****:p:**** VXX:EDHS1=*****:i:****		EDHS1=*****:p:**** EDHS1=*****:i:****	✓ ✓
		* PARAMETER3	60Hz	VXX:EDHS1=*****:*:6000		EDHS1=*****:*:6000	✓
			50Hz	VXX:EDHS1=*****:*:5000		EDHS1=*****:*:5000	✓
			48Hz	VXX:EDHS1=*****:*:4800		EDHS1=*****:*:4800	✓
			30Hz	VXX:EDHS1=*****:*:3000		EDHS1=*****:*:3000	✓
			25Hz	VXX:EDHS1=*****:*:2500		EDHS1=*****:*:2500	✓
			24Hz	VXX:EDHS1=*****:*:2400		EDHS1=*****:*:2400	✓
	HDMI IN-HDMI 1 EDID STATUS RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER			QVX:ESHS1	ESHS1=*****:*:****	✓
		* PARAMETER1	1024x768			ESHS1=1024:0768:*:****	✓
			1280x720			ESHS1=1280:0720:*:****	✓
			1280x800			ESHS1=1280:0800:*:****	✓
			1280x1024			ESHS1=1280:1024:*:****	✓
			1366x768			ESHS1=1366:0768:*:****	✓
			1400x1050			ESHS1=1400:1050:*:****	✓
			1440x900			ESHS1=1440:0900:*:****	✓
			1600x900			ESHS1=1600:0900:*:****	✓
			1600x1200			ESHS1=1600:1200:*:****	✓
			1680x1050			ESHS1=1680:1050:*:****	✓
			1920x1080			ESHS1=1920:1080:*:****	✓
			1920x1200			ESHS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive Interlace			ESHS1=*****:p:**** ESHS1=*****:i:****	✓ ✓
			60Hz			ESHS1=*****:*:6000	✓

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
		* PARAMETER3	50Hz			ESHS1=*****:*:5000	✓
			48Hz			ESHS1=*****:*:4800	✓
			30Hz			ESHS1=*****:*:3000	✓
			25Hz			ESHS1=*****:*:2500	✓
			24Hz			ESHS1=*****:*:2400	✓
	HDMI IN-HDMI1 EDID SELECT	4K/60p 4K/30p 2K		VXX:HESI1=+00000	QVX:HESI1	HESI1=+00000	✓
				VXX:HESI1=+00001		HESI1=+00001	✓
				VXX:HESI1=+00002		HESI1=+00002	✓
	DIGITAL LINK-SIGNAL LEVEL	AUTO 0-1023 64-940		VXX:DKLI1=+00000	QVX:DKLI1	DKLI1=+00000	✓
				VXX:DKLI1=+00001		DKLI1=+00001	✓
				VXX:DKLI1=+00002		DKLI1=+00002	✓
	DIGITAL LINK-EDID SELECT (SINGLE LINK)	EDID1:4K/60p EDID2:4K/30p EDID3:2K		VXX:LESI1=+00000	QVX:LESI1	LESI1=+00000	✓
				VXX:LESI1=+00001		LESI1=+00001	✓
				VXX:LESI1=+00002		LESI1=+00002	✓
	DIGITAL LINK-EDID MODE	DEFAULT SCREEN FIT USER		VXX:EDMI4=+00000	QVX:EDMI4	EDMI4=+00000	✓
				VXX:EDMI4=+00001		EDMI4=+00001	✓
				VXX:EDMI4=+00010		EDMI4=+00010	✓
	DIGITAL LINK-EDID RESOLUTION	1024x768p 1280x720p 1280x800p 1280x1024p 1366x768p 1400x1050p 1440x900p 1600x900p 1600x1200p 1680x1050p 1920x1080p 1920x1080i 1920x1200p		VXX:EDRS4=1024:0768:p	QVX:EDRS4	EDRS4=1024:0768:p	✓
				VXX:EDRS4=1280:0720:p		EDRS4=1280:0720:p	✓
				VXX:EDRS4=1280:0800:p		EDRS4=1280:0800:p	✓
				VXX:EDRS4=1280:1024:p		EDRS4=1280:1024:p	✓
				VXX:EDRS4=1366:0768:p		EDRS4=1366:0768:p	✓
				VXX:EDRS4=1400:1050:p		EDRS4=1400:1050:p	✓
				VXX:EDRS4=1440:0900:p		EDRS4=1440:0900:p	✓
				VXX:EDRS4=1600:0900:p		EDRS4=1600:0900:p	✓
				VXX:EDRS4=1600:1200:p		EDRS4=1600:1200:p	✓
				VXX:EDRS4=1680:1050:p		EDRS4=1680:1050:p	✓
				VXX:EDRS4=1920:1080:p		EDRS4=1920:1080:p	✓
				VXX:EDRS4=1920:1080:i		EDRS4=1920:1080:i	✓
				VXX:EDRS4=1920:1200:p		EDRS4=1920:1200:p	✓
	DIGITAL LINK-EDID VERTICAL SCAN FREQUENCY	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz		VXX:EDVI4=+06000	QVX:EDVI4	EDVI4=+06000	✓
				VXX:EDVI4=+05000		EDVI4=+05000	✓
				VXX:EDVI4=+04800		EDVI4=+04800	✓
				VXX:EDVI4=+03000		EDVI4=+03000	✓
				VXX:EDVI4=+02500		EDVI4=+02500	✓
				VXX:EDVI4=+02400		EDVI4=+02400	✓
	DIGITAL LINK-EDID RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER		VXX:EDLS1=*****:*:****	QVX:EDLS1	EDLS1=*****:*:****	✓
				VXX:EDLS1=1024:0768:*:****		EDLS1=1024:0768:*:****	✓
		* PARAMETER1	1024x768	VXX:EDLS1=1280:0720:*:****		EDLS1=1280:0720:*:****	✓
			1280x720	VXX:EDLS1=1280:0800:*:****		EDLS1=1280:0800:*:****	✓
			1280x800	VXX:EDLS1=1280:0800:*:****		EDLS1=1280:0800:*:****	✓
			1280x1024	VXX:EDLS1=1280:1024:*:****		EDLS1=1280:1024:*:****	✓
			1366x768	VXX:EDLS1=1366:0768:*:****		EDLS1=1366:0768:*:****	✓
			1400x1050	VXX:EDLS1=1400:1050:*:****		EDLS1=1400:1050:*:****	✓
			1440x900	VXX:EDLS1=1440:0900:*:****		EDLS1=1440:0900:*:****	✓
			1600x900	VXX:EDLS1=1600:0900:*:****		EDLS1=1600:0900:*:****	✓
			1600x1200	VXX:EDLS1=1600:1200:*:****		EDLS1=1600:1200:*:****	✓
			1680x1050	VXX:EDLS1=1680:1050:*:****		EDLS1=1680:1050:*:****	✓
			1920x1080	VXX:EDLS1=1920:1080:*:****		EDLS1=1920:1080:*:****	✓
			1920x1200	VXX:EDLS1=1920:1200:*:****		EDLS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive	VXX:EDLS1=*****:p:****		EDLS1=*****:p:****	✓
			Interlace	VXX:EDLS1=*****:i:****		EDLS1=*****:i:****	✓
		* PARAMETER3	60Hz	VXX:EDLS1=*****:*:6000		EDLS1=*****:*:6000	✓
			50Hz	VXX:EDLS1=*****:*:5000		EDLS1=*****:*:5000	✓
			48Hz	VXX:EDLS1=*****:*:4800		EDLS1=*****:*:4800	✓
			30Hz	VXX:EDLS1=*****:*:3000		EDLS1=*****:*:3000	✓
			25Hz	VXX:EDLS1=*****:*:2500		EDLS1=*****:*:2500	✓
			24Hz	VXX:EDLS1=*****:*:2400		EDLS1=*****:*:2400	✓
	DIGITAL LINK-EDID STATUS RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER			QVX:ESLS1	ESLS1=*****:*:****	✓
						ESLS1=1024:0768:*:****	✓
		* PARAMETER1	1024x768			ESLS1=1280:0720:*:****	✓
			1280x720			ESLS1=1280:0800:*:****	✓
			1280x800			ESLS1=1280:0800:*:****	✓
			1280x1024			ESLS1=1280:1024:*:****	✓
			1366x768			ESLS1=1366:0768:*:****	✓
			1400x1050			ESLS1=1400:1050:*:****	✓
			1440x900			ESLS1=1440:0900:*:****	✓
			1600x900			ESLS1=1600:0900:*:****	✓
			1600x1200			ESLS1=1600:1200:*:****	✓
			1680x1050			ESLS1=1680:1050:*:****	✓
			1920x1080			ESLS1=1920:1080:*:****	✓
			1920x1200			ESLS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive			ESLS1=*****:p:****	✓
			Interlace			ESLS1=*****:i:****	✓
		* PARAMETER3	60Hz			ESLS1=*****:*:6000	✓
			50Hz			ESLS1=*****:*:5000	✓
			48Hz			ESLS1=*****:*:4800	✓
			30Hz			ESLS1=*****:*:3000	✓
			25Hz			ESLS1=*****:*:2500	✓
			24Hz			ESLS1=*****:*:2400	✓
	SDI IN-SIGNAL LEVEL	64-940 4-1019		0ED:SDI-LEVEL0	QED:SDI-LEVEL	0	✓
				0ED:SDI-LEVEL1		1	✓
	SDI IN-SIGNAL LEVEL (SDI1)	64-940 4-1019		VXX:SSLI1=+00000	QVX:SSLI1	SSLI1=+00000	✓
				VXX:SSLI1=+00001		SSLI1=+00001	✓
	SDI IN-BIT DEPTH (SDI1)	AUTO 12-bit 10-bit		VXX:SBTI1=+00000	QVX:SBTI1	SBTI1=+00000	✓
				VXX:SBTI1=+00001		SBTI1=+00001	✓
				VXX:SBTI1=+00002		SBTI1=+00002	✓
	SDI IN-3G SDI MAPPING (SDI1)	AUTO LEVEL A LEVEL B		VXX:SGMI1=+00000	QVX:SGMI1	SGMI1=+00000	✓
				VXX:SGMI1=+00001		SGMI1=+00001	✓
				VXX:SGMI1=+00002		SGMI1=+00002	✓
	SDI RESOLUTION	* PARAMETER		VXX:*****=+*****	QVX:*****	*****=+*****	✓
				VXX:SRSI1=+*****		SRSI1=+*****	✓
		* PARAMETER1	SDI1			*****=+00000	✓
			AUTO	VXX:*****=+00000		*****=+00000	✓
			1280x720p	VXX:*****=+00003		*****=+00003	✓
			1920x1080i	VXX:*****=+00005		*****=+00005	✓
			1920x1080p	VXX:*****=+00006		*****=+00006	✓
			1920x1080sF	VXX:*****=+00007		*****=+00007	✓
			2048x1080p	VXX:*****=+00009		*****=+00009	✓
						*****=+00009	✓
	SDI SYSTEM SELECTOR	* PARAMETER		VXX:SYSS1=*,****:*****	QVX:SYSS1=*,****	SYSS1=*,****:*****	✓
				VXX:SYSS1=1:1		SYSS1=1:1:*****	✓
		* PARAMETER1, 2	SDI1	VXX:SYSS1=*,****:00000		SYSS1=*,****:00000	✓
			AUTO	VXX:SYSS1=*,****:00001		SYSS1=*,****:00001	✓
			RGB	VXX:SYSS1=*,****:00002		SYSS1=*,****:00002	✓
			YPbPr4:4:4	VXX:SYSS1=*,****:00003		SYSS1=*,****:00003	✓
			YPbPr4:2:2				✓
	MULTI PROJECTOR SYNC - MODE	OFF MASTER SLAVE		VXX:MPSI1=+00000	QYX:MPSI1	MPSI1=+00000	✓
				VXX:MPSI1=+00001		MPSI1=+00001	✓
				VXX:MPSI1=+00002		MPSI1=+00002	✓
	FRAME SYNC SETTING(MULTI PROJECTOR SYNC) - CONTRAST	OFF ON		VXX:CSYI1=+00000	QVX:CSYI1	CSYI1=+00000	✓
				VXX:CSYI1=+00001		CSYI1=+00001	✓
	MULTI PROJECTOR SYNC - SHUTTER SYNC.	OFF ON		VXX:SSYI1=+00000	QVX:SSYI1	SSYI1=+00000	✓
				VXX:SSYI1=+00001		SSYI1=+00001	✓
	INPUT GUIDE	OFF ON (SIMPLE)		OID:0	QDI	0	✓
				OID:1		1	✓
	OSD POSITION	UPPER LEFT CETRE LEFT		ODP:1	QDP	1	✓
				ODP:2		2	✓

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		MZ10K SERIES
				COMMANDS	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
		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:OSRI1=+00000	QVX:OSRI1	OSRI1=+00000	✓
		CLOCKWISE		VXX:OSRI1=+00001		OSRI1=+00001	✓
		COUNTER CLOCKWISE		VXX:OSRI1=+00002		OSRI1=+00002	✓
	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	✓
	MENU MODE	NORMAL		VXX:MMDI1=+00000	QVX:MMDI1	MMDI1=+00000	✓
		SIMPLE		VXX:MMDI1=+00001		MMDI1=+00001	✓
	IMAGE ROTATION	OFF		VXX:IROI1=+00000	QVX:IROI1	IROI1=+00000	✓
		CLOCKWISE		VXX:IROI1=+00001		IROI1=+00001	✓
		COUNTER CLOCKWISE		VXX:IROI1=+00002		IROI1=+00002	✓
	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
		max.		VXX:VSPI0=+00120		VSPI0=+00120	60
	SCREEN POSITION-HOROZONTAL	min.		VXX:HSPI0=-00320	QVX:HSPI0	HSPI0=-00320	-160
		max.		VXX:HSPI0=+00320		HSPI0=+00320	+160
	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(PC)		VXX:UFMI1=+00001		UFMI1=+00001	✓
		ON(USER)		VXX:UFMI1=+00101		UFMI1=+00101	✓
	UNIFORMITY - USER CORRECTION - ADJUSTMENT LEVEL	1		VXX:UFMI4=+00001	QVX:UFMI4	UFMI4=+00001	✓
		7		VXX:UFMI4=+00007		UFMI4=+00007	✓
	UNIFORMITY - USER CORRECTION - TEST PATTERN	OFF		VXX:UFMI5=+00000	QVX:UFMI5	UFMI5=+00000	✓
		ON		VXX:UFMI5=+00001		UFMI5=+00001	✓
	UNIFORMITY - USER CORRECTION - ADJUSTMENT POSITION	* PARAMETER		VXX:UFMS6=*,*:*****	QVX:UFMS6=*,*:	UFMS6=*,*:*****	✓
		* PARAMETER1	UPPER LEFT	VXX:UFMS6=0:*,*:*****		UFMS6=0:*,*:*****	✓
			UPPER RIGHT	VXX:UFMS6=1:*,*:*****		UFMS6=1:*,*:*****	✓
			LOWER LEFT	VXX:UFMS6=2:*,*:*****		UFMS6=2:*,*:*****	✓
			LOWER RIGHT	VXX:UFMS6=3:*,*:*****		UFMS6=3:*,*:*****	✓
			UPPER	VXX:UFMS6=4:*,*:*****		UFMS6=4:*,*:*****	✓
			LOWER	VXX:UFMS6=5:*,*:*****		UFMS6=5:*,*:*****	✓
		* PARAMETER2	LEFT	VXX:UFMS6=6:*,*:*****		UFMS6=6:*,*:*****	✓
			RIGHT	VXX:UFMS6=7:*,*:*****		UFMS6=7:*,*:*****	✓
			RED	VXX:UFMS6=*,R:*****		UFMS6=*,R:*****	✓
			GREEN	VXX:UFMS6=*,G:*****		UFMS6=*,G:*****	✓
			BLUE	VXX:UFMS6=*,B:*****		UFMS6=*,B:*****	✓
		* PARAMETER3	-31	VXX:UFMS6=*,*:-00031		UFMS6=*,*:-00031	✓
			0	VXX:UFMS6=*,*:+00000		UFMS6=*,*:+00000	✓
			+31	VXX:UFMS6=*,*:+00031		UFMS6=*,*:+00031	✓
	UNIFORMITY - USER CORRECTION - ADJUSTMENT POSITION - INITILIZE UNIFORMITY- WHITE/RED/GREEN/RED	EXECUTE		VXX:UFMI7=+00001			✓
		* 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	✓
			HOROZONTAL(+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:SEFI3=+00000	QVX:SEFI3	SEFI3=+00000	✓
		CLOSE		VXX:SEFI3=+00001		SEFI3=+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:WMLI0=+00000	QVX:WMLI0	WMLI0=+00000	✓
		+2159		VXX:WMLI0=+02159		WMLI0=+02159	✓
	AC VOLTAGE				QVX:VM0I2	VM0I2=+00000	✓

				CONTROL	QUERY		MZ10K SERIES	
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K	
						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	✓		
	STATUS			STS			✓	
	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	✓	
		FRONT/AUTO		OIL:4		4	✓	
		REAR/AUTO		OIL:5		5	✓	
	PROJECTION METHOD(AUTO)	FRONT/DESK			QVX:PJMI2	PJMI2=+00000	✓	
		REAR/DESK				PJMI2=+00001	✓	
		FRONT/CEILING				PJMI2=+00002	✓	
		REAR/CEILING				PJMI2=+00003	✓	
	AUTO COOLING CONDITION- STATUS	FLOOR			QVX:ADRI1	ADRI1=+00000	✓	
		CEILING				ADRI1=+00001	✓	
		VERTICAL UP				ADRI1=+00002	✓	
		VERTICAL DOWN				ADRI1=+00003	✓	
		PORTRAIT				ADRI1=+00004	✓	
	OPERATING MODE	NORMAL		VXX:OPEI1=+00000	QVX:OPEI1	OPEI1=+00000	✓	
		QUIET1(QUIET)		VXX:OPEI1=+00021		OPEI1=+00021	✓	
		USER1(USER)		VXX:OPEI1=+00101		OPEI1=+00101	✓	
		USER2		VXX:OPEI1=+00102		OPEI1=+00102	✓	
		USER3		VXX:OPEI1=+00103		OPEI1=+00103	✓	
	LIGHT OUTPUT	min.		VXX:LOPI2=+00050	QVX:LOPI2	LOPI2=+00050	8% 100%	
		max.		VXX:LOPI2=+01000		LOPI2=+01000		
	STANDBY MODE	NORMAL		VXX:STMIO=+00000	QVX:STMIO	STMIO=+00000	✓	
		ECO		VXX:STMIO=+00003		STMIO=+00003	✓	
	QUICK STARTUP	OFF		VXX:QSUI1=+00000	QVX:QSUI1	QSUI1=+00000	✓	
		ON		VXX:QSUI1=+00001		QSUI1=+00001	✓	
	QUICK STARTUP-VALID PIRIOD	30MIN.		VXX:QSUI2=+00030	QVX:QSUI2	QSUI2=+00030	✓	
		60MIN.		VXX:QSUI2=+00060		QSUI2=+00060	✓	
		90MIN.		VXX:QSUI2=+00090		QSUI2=+00090	✓	
	SCHEDULE	OFF		VXX:SCHIO=+00000	QVX:SCHIO	SCHIO=+00000	✓	
		ON		VXX:SCHIO=+00001		SCHIO=+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:SPGIO=+0000*	QVX:SPGIO	SPGIO=+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****	✓	
	DVI-D INPUT			VXX:SCCS*=**51****		SCCS*=**51****	✓	
	SDI1 INPUT			VXX:SCCS*=**52****		SCCS*=**52****	✓	
	HDMI1 INPUT			VXX:SCCS*=**53****		SCCS*=**53****	✓	
	NORMAL			VXX:SCCS*=**70****		SCCS*=**70****	✓	
	USER1(USER)			VXX:SCCS*=**75****		SCCS*=**75****	✓	
	USER2			VXX:SCCS*=**76****		SCCS*=**76****	✓	
	USER3			VXX:SCCS*=**77****		SCCS*=**77****	✓	
	SILENT1(QUIET1/QUIET)			VXX:SCCS*=**7A****		SCCS*=**7A****	✓	
	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****	✓	
	QUICK STARTUP OFF			VXX:SCCS*=**A2****		SCCS*=**A2****	✓	
	QUICK STARTUP ON			VXX:SCCS*=**A3****		SCCS*=**A3****	✓	
	* 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	✓
			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	✓	
		LAST USED		VXX:SISS1=LSU		SISS1=LSU	✓	
	STARTUP INPUT SELECT (DIGITAL LINK)	LAST USED		VXX:SISI2=+00000	QVX:SISI2	SISI2=+00000	✓	
		INPUT1		VXX:SISI2=+00001		SISI2=+00001	✓	
		INPUT2		VXX:SISI2=+00002		SISI2=+00002	✓	
		INPUT3		VXX:SISI2=+00003		SISI2=+00003	✓	
		INPUT4		VXX:SISI2=+00004		SISI2=+00004	✓	
		INPUT5		VXX:SISI2=+00005		SISI2=+00005	✓	
		INPUT6		VXX:SISI2=+00006		SISI2=+00006	✓	
		INPUT7		VXX:SISI2=+00007		SISI2=+00007	✓	
		INPUT8		VXX:SISI2=+00008		SISI2=+00008	✓	
		INPUT9		VXX:SISI2=+00009		SISI2=+00009	✓	
		INPIT10		VXX:SISI2=+00010		SISI2=+00010	✓	

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
PROJECTOR SETUP	RS232C-RESPONSE	OFF		RVS:0	QVY	0	✓
		ON		RVS:1		1	✓
	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	✓
	NO SIGNAL SETTING - SECONDARY INPUT	OFF		VXX:SINS1=OFF	QVX:SINS1	SINS1=OFF	✓
		PC1		VXX:SINS1=PC1		SINS1=RG1	✓
		RGB1		VXX:SINS1=RG1		SINS1=DVI	✓
		DVI		VXX:SINS1=DVI		SINS1=HD1	✓
		HDMI1		VXX:SINS1=HD1			✓
		SDI		VXX:SINS1=SDI		SINS1=SD1	✓
		SDI1		VXX:SINS1=SD1		SINS1=DL1	✓
		DIGITAL LINK		VXX:SINS1=DL1			✓
	REMOTE2 - MODE	DEFAULT		VXX:RMPI0=+00000	QVX:RMPI0	RMPI0=+00000	✓
		USER		VXX:RMPI0=+00001		RMPI0=+00001	✓
	REMOTE2 - PIN2	NONE		VXX:RMPS1=P2<NONE	QVX:RMPS1=P2	RMPS1=P2<NONE	✓
		POWER		VXX:RMPS1=P2<POWER		RMPS1=P2<POWER	✓
	REMOTE2 - PIN3 - 7	* PARAMETER		VXX:RMPS1=P*<*****	QVX:RMPS1=P*		✓
		* PARAMETER1	PIN3	VXX:RMPS1=P3<*****		RMPS1=P3<*****	✓
			PIN4	VXX:RMPS1=P4<*****		RMPS1=P4<*****	✓
			PIN5	VXX:RMPS1=P5<*****		RMPS1=P5<*****	✓
			PIN6	VXX:RMPS1=P6<*****		RMPS1=P6<*****	✓
			PIN7	VXX:RMPS1=P7<*****		RMPS1=P7<*****	✓
		* PARAMETER2	NONE	VXX:RMPS1=P*<NONE		RMPS1=P*<NONE	✓
			RGB1	VXX:RMPS1=P*<RGB1		RMPS1=P*<RGB1	✓
			HDMI	VXX:RMPS1=P*<HDMI		RMPS1=P*<HDMI	✓
			HDMI1	VXX:RMPS1=P*<HDMI1		RMPS1=P*<HDMI1	✓
			SDI1	VXX:RMPS1=P*<SD1		RMPS1=P*<SD1	✓
			DIGITAL LINK	VXX:RMPS1=P*<DLINK		RMPS1=P*<DLINK	✓
	REMOTE2 - PIN8	NONE	NONE	VXX:RMPS1=P8<NONE	QVX:RMPS1=P8	RMPS1=P8<NONE	✓
		SHUTTER	SHUTTER	VXX:RMPS1=P8<SHUTTER		RMPS1=P8<SHUTTER	✓
	FUNCTION BUTTON	DISABLE		OFC:0	QFC	0	✓
		SYSTEM SELECTOR		OFC:1		1	✓
		SYSTEM DAYLIGHT VIEW		OFC:2		2	✓
		SUB MEMORY		OFC:3		3	✓
		FREEZE		OFC:4		4	✓
		WAVEFORM MONITOR		OFC:6		6	✓
		PROJECTION METHOD		OFC:10		10	✓
		GEOMETRY		OFC:13		13	✓
		OSD POSITION		OFC:14		14	✓
	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:hmmss		hmmss	✓
		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	✓
	FILTER COUNTER-TIMER	OFF		VXX:FCTI1=+00000	QVX:FCTI1	FCTI1=+00000	✓
		1000H		VXX:FCTI1=+01000		FCTI1=+01000	✓
		2000H		VXX:FCTI1=+02000		FCTI1=+02000	✓
		3000H		VXX:FCTI1=+03000		FCTI1=+03000	✓
		4000H		VXX:FCTI1=+04000		FCTI1=+04000	✓
		5000H		VXX:FCTI1=+05000		FCTI1=+05000	✓
		6000H		VXX:FCTI1=+06000		FCTI1=+06000	✓
		7000H		VXX:FCTI1=+07000		FCTI1=+07000	✓
		8000H		VXX:FCTI1=+08000		FCTI1=+08000	✓
		9000H		VXX:FCTI1=+09000		FCTI1=+09000	✓
		10000H		VXX:FCTI1=+10000		FCTI1=+10000	✓
		11000H		VXX:FCTI1=+11000		FCTI1=+11000	✓
		12000H		VXX:FCTI1=+12000		FCTI1=+12000	✓
		13000H		VXX:FCTI1=+13000		FCTI1=+13000	✓
		14000H		VXX:FCTI1=+14000		FCTI1=+14000	✓
		15000H		VXX:FCTI1=+15000		FCTI1=+15000	✓
		15000H		VXX:FCTI1=+16000		FCTI1=+16000	✓
		15000H		VXX:FCTI1=+17000		FCTI1=+17000	✓
		15000H		VXX:FCTI1=+18000		FCTI1=+18000	✓
		15000H		VXX:FCTI1=+19000		FCTI1=+19000	✓
		16000H		VXX:FCTI1=+20000		FCTI1=+20000	✓
	FILTER COUNTER-RESET			VXX:FCTI2=+00000			✓
	MODEL NAME	MODEL NAME			QID	MODELNAME	✓
	SERIAL NUMBER	SW0101234			QSN	Sw0101234	✓
	PROJECTOR RUNTIME	7864320H			QVX:RTMS1	RTMS1=7864320	✓
	LAMP1(LIGHT1) RUNTIME	9999H			Q\$L:1	9999	✓
	LAMP2(LIGHT2) RUNTIME	9999H			Q\$L:2	9999	✓
	LIGHT1 RUNTIME	7864320H			QVX:LRTS3=00	LRTS3=00:7864320	✓
	LIGHT2 RUNTIME	7864320H			QVX:LRTS3=01	LRTS3=01:7864320	✓
	LIGHT STATUS	ALL OFF			QLS	0	✓
		1:ON, 2:OFF				1	✓
		1:OFF, 2:ON				2	✓
		ALL ON				3	✓
	CONTINUOUS LIGHTING TIME	7864320H00M			QVX:CLTS1	CLTS1=7864320:00	✓
	LAMP(LIGHT) CONTROL STATUS	LAMP OFF			Q\$S	0	✓
		In turning ON				1	✓
		LAMP ON				2	✓
		LAMP Cooling				3	✓
	POWER STATUS	POWER OFF			QVX:POWI1	POWI1=+00001	✓
		In turning ON				POWI1=+00002	✓
		POWER ON				POWI1=+00003	✓
		Cooling				POWI1=+00004	✓
	FILTER COUNTER	99999H			QFI:0	99999	✓

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
	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=*****.....	✓
	TEMPERATURE (INTAKE)	0030/0080			QTM:0	0030/0080	✓
	TEMPERATURE (EXHAUST AIR)	0030/0080			QTM:1	0030/0080	✓
	TEMPERATURE (LIGHT1 / LIGHT1-	0030/0080			QTM:11	0030/0080	✓
	TEMPERATURE (LIGHT2 / LIGHT1-	0030/0080			QTM:12	0030/0080	✓
	LAN data Cloning Write protect	OFF		LCL:WRP0	QCL:WRP	QCL:WRP0	✓
		ON		LCL:WRP1		QCL:WRP1	✓
	INFO MONITOR SETTING -	OFF		VXX:INFI1=+00000	QVX:INFI1	INFI1=+00000	✓
	USER VIEW			VXX:INFI1=+00001		INFI1=+00001	✓
	INFO MONITOR SETTING - USER	INPUT		VXX:INFS2=01:*****	QVX:INFS2=01	INFS2=01:*****	✓
	SIGNAL			VXX:INFS2=02:*****	QVX:INFS2=02	INFS2=02:*****	✓
	AC VOLTAGE			VXX:INFS2=03:*****	QVX:INFS2=03	INFS2=03:*****	✓
	INTAKE AIR TEMP.			VXX:INFS2=04:*****	QVX:INFS2=04	INFS2=04:*****	✓
	EXHAUST AIR TEMP.			VXX:INFS2=05:*****	QVX:INFS2=05	INFS2=05:*****	✓
	SHUTTER			VXX:INFS2=06:*****	QVX:INFS2=06	INFS2=06:*****	✓
	OSD			VXX:INFS2=07:*****	QVX:INFS2=07	INFS2=07:*****	✓
	IP ADDRESS			VXX:INFS2=08:*****	QVX:INFS2=08	INFS2=08:*****	✓
	OFF			VXX:INFS2=**:00000			✓
	ON			VXX:INFS2=**:00001			✓
	INFO MONITOR SETTING -	AUTO		VXX:INFI3=+00000	QVX:INFI3	INFI3=+00000	✓
	NORMAL			VXX:INFI3=+00001		INFI3=+00001	✓
	FLIPPED			VXX:INFI3=+00002		INFI3=+00002	✓
	INFO MONITOR SETTING -	30%		VXX:INFI4=+00030	QVX:INFI4	INFI4=+00030	✓
		100%		VXX:INFI4=+00100		INFI4=+00100	✓
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	✓
		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	✓
		Focus		OTS:78		78	✓
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			✓
SECURITY	SUB MEMORY LIST-DELETE	01		ODS:01-01			✓
		96		ODS:95-96			✓
	SUB MEMORY USAGE STATE	01			QSB	01	✓
		96				96	✓
	SECURITY SETTING	OFF			QVX:SPWI1	SPWI1=+00000	✓
		ON				SPWI1=+00001	✓
	CONTROL DEVICE SETUP-CONTROL PANEL	DISABLE		VXX:CDSI1=+00000	QVX:CDSI1	CDSI1=+00000	✓
		ENABLE		VXX:CDSI1=+00001		CDSI1=+00001	✓
NETWORK	CONTROL DEVICE SETUP-REMOTE CONTROL	USER		VXX:CDSI1=+00002		CDSI1=+00002	✓
		DISABLE		VXX:CDSI2=+00000	QVX:CDSI2	CDSI2=+00000	✓
		ENABLE		VXX:CDSI2=+00001		CDSI2=+00001	✓
		USER		VXX:CDSI2=+00002		CDSI2=+00002	✓
	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 STATUS-LINK	NO LINK			QVX:DKSI1	DKSI1=+00000	✓
		DIGITAL LINK				DKSI1=+00001	✓
		LPM				DKSI1=+00002	✓
		ETHERNET				DKSI1=+00003	✓
	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(2:*,*,*)		VXX:DANI1=+00002		DANI1=+00002	✓
		ON(10:*,*,*)		VXX:DANI1=+00003		DANI1=+00003	✓
		ON(MANUAL)		VXX:DANI1=+00004		DANI1=+00004	✓
	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	✓
	Art-Net SETUP-CHANNEL SETTING	DEFAULT		VXX:DANI8=+00000	QVX:DANI8	DANI8=+00000	✓
		1		VXX:DANI8=+00001		DANI8=+00001	✓
		2		VXX:DANI8=+00002		DANI8=+00002	✓
		USER		VXX:DANI8=+00100		DANI8=+00100	✓

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