Control Commands

Model No.　PT-VZ585N
　　　　　　PT-VZ580
　　　　　　PT-VW545N
　　　　　　PT-VW540
　　　　　　PT-VX615N
　　　　　　PT-VX610

・Please refer to the Operating Instructions for the serial command format, limitations, connectionand 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 COMMANDS

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL COMMANDS	QUERY COMMANDS	QUERY CALL BACK	VZ580	VW540	VX610	VZ585N	VW545N	VX615N
BASIC OPERATION / REMOTE CONTROL	POWER	ON		PON	QPW	001	✓	✓	✓	✓	✓	✓
		OFF (STANDBY)		POF		000	✓	✓	✓	✓	✓	✓
	VOLUME	UP		AUU			✓	✓	✓	✓	✓	✓
		DOWN		AUD			✓	✓	✓	✓	✓	✓
	INPUT SELECT	COMPUTER1		IIS: RG1	QIN	RG1	✓	✓	✓	✓	✓	✓
		COMPUTER2		IIS: RG2		RG2	✓	✓	✓	✓	✓	✓
		VIDEO		IIS: VID		VID	✓	✓	✓	✓	✓	✓
		HDMI1		IIS: HD1		HD1	✓	✓	✓	✓	✓	✓
		HDMI2		IIS: HD2		HD2	✓	✓	✓	✓	✓	✓
		NETWORK/USB		IIS: NWP		NWP				✓	✓	✓
		Panasonic APPLICATION		IIS: PA1		PA1				✓	✓	✓
		Miracast/Mirroring		IIS: MC1		MC1				✓	✓	✓
		MEMORY VIEWER		IIS: MV1		MV1				✓	✓	✓
		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	✓	✓	✓	✓	✓	✓
	FREEZE (Toggle)	OFF		OFZ	QFZ	0	✓	✓	✓	✓	✓	✓
		ON				1	✓	✓	✓	✓	✓	✓
	MENU KEY			OMN			✓	✓	✓	✓	✓	✓
	RETURN KEY			OBK			✓	✓	✓	✓	✓	✓
	ENTER KEY			OEN			✓	✓	✓	✓	✓	✓
	UP KEY			OCU			✓	✓	✓	✓	✓	✓
	DOWN KEY			OCD			✓	✓	✓	✓	✓	✓
	LEFT KEY			OCL			✓	✓	✓	✓	✓	✓
	RIGHT KEY			OCR			✓	✓	✓	✓	✓	✓
	DEFAULT KEY			OST			✓	✓	✓	✓	✓	✓
	AUTO SETUP KEY			OAS			✓	✓	✓	✓	✓	✓
	AUTO SETUP	ON		OAS	QAS	0	✓	✓	✓	✓	✓	✓
		OFF				1	✓	✓	✓	✓	✓	✓
	AV MUTE	OFF		OSH: 0	QSH	0	✓	✓	✓	✓	✓	✓
		ON		OSH: 1		1	✓	✓	✓	✓	✓	✓
	AV MUTE(Toggle)	OFF		OSH	QSH	0	✓	✓	✓	✓	✓	✓
		ON				1	✓	✓	✓	✓	✓	✓
	DIGITAL ZOOM UP			DZU			✓	✓	✓	✓	✓	✓
	DIGITAL ZOOM DOWN			DZD			✓	✓	✓	✓	✓	✓
	FUNCTION KEY			FC1			✓	✓	✓	✓	✓	✓
	NUMERIC KEY	1		ONK: 1			✓	✓	✓	✓	✓	✓
		2		ONK: 2			✓	✓	✓	✓	✓	✓
		3		ONK: 3			✓	✓	✓	✓	✓	✓
		4		ONK: 4			✓	✓	✓	✓	✓	✓
		5		ONK: 5			✓	✓	✓	✓	✓	✓
		6		ONK: 6			✓	✓	✓	✓	✓	✓
	STATUS KEY			STS			✓	✓	✓	✓	✓	✓
	P-TIMER			PTM			✓	✓	✓	✓	✓	✓
	SCREEN ADJUSTMENT			OSA			✓	✓	✓	✓	✓	✓
	AUDIO MUTE	OFF		AMT: 0	QMT	0	✓	✓	✓	✓	✓	✓
		ON		AMT: 1		1	✓	✓	✓	✓	✓	✓
	SELF DIAGNOSIS				QVX: ERRS1	ERRS1=*****......	✓	✓	✓	✓	✓	✓
PICTURE	PICTURE MODE	DYNAMIC		VPM DYN	QPM	DYN	✓	✓	✓	✓	✓	✓
		NATURAL		VPM NAT		NAT	✓	✓	✓	✓	✓	✓
		STANDARD		VPM STD		STD	✓	✓	✓	✓	✓	✓
		BLACK BOARD		VPM BBD		BBD	✓	✓	✓	✓	✓	✓
		WHITE BOARD		VPM WBD		WBD	✓	✓	✓	✓	✓	✓
		CINEMA		VPM CIN		CIN	✓	✓	✓	✓	✓	✓
	CONTRAST	-32		VCN: -32	QVR	-32	✓	✓	✓	✓	✓	✓
		+32		VCN: O32		O32	✓	✓	✓	✓	✓	✓
	BRIGHTNESS	-32		VBR: -32	QVB	-32	✓	✓	✓	✓	✓	✓
		+32		VBR: O32		O32	✓	✓	✓	✓	✓	✓
	COLOR	-32		VCO: -32	QVC	-32	✓	✓	✓	✓	✓	✓
		+32		VCO: O32		O32	✓	✓	✓	✓	✓	✓
	TINT	-32		VTN: -32	QVT	-32	✓	✓	✓	✓	✓	✓
		+32		VTN: O32		O32	✓	✓	✓	✓	✓	✓
	SHARPNESS	0		VSR: 000	QVS	000	✓	✓	✓	✓	✓	✓
		15		VSR: O15		O15	✓	✓	✓	✓	✓	✓
	COLOR TEMPERATURE	LOW		OTE: 0	QTE	0	✓	✓	✓	✓	✓	✓
		DEFAULT(MIDDLE)		OTE: 1		1	✓	✓	✓	✓	✓	✓
		HIGH		OTE: 2		2	✓	✓	✓	✓	✓	✓
	IRIS	OFF		VXX: IRII1=+00000	QVX: IRII1	IRII1=+00000	✓	✓	✓	✓	✓	✓
		ON		VXX: IRII1=+00001		IRII1=+00001	✓	✓	✓	✓	✓	✓
	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	✓	✓	✓	✓	✓	✓
	DAYLIGHT VIEW REAR INSTALL	OFF		VXX: DLVI0=+00000	QVX: DLVI0	DLVI0=+00000	✓	✓	✓	✓	✓	✓
		ON		VXX: DLVI0=+00001		DLVI0=+00001	✓	✓	✓	✓	✓	✓
	DIGITAL CINEMA REALITY	OFF		OPD: 0	QPD	0	✓	✓	✓	✓	✓	✓
		ON		OPD: 1		1	✓	✓	✓	✓	✓	✓
	NOISE REDUCTION	OFF		VNR: 0	QNR	0	✓	✓	✓	✓	✓	✓
		ON		VNR: 1		1	✓	✓	✓	✓	✓	✓
	TV-SYSTEM	AUTO		VSG: AUT	QSG	AUT	✓	✓	✓	✓	✓	✓
		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	✓	✓	✓	✓	✓	✓
	RGB/YPbPr	RGB		ORF: 0	QRF	0	✓	✓	✓	✓	✓	✓
		YPbPr		ORF: 1		1	✓	✓	✓	✓	✓	✓
		AUTO		ORF: 2		2	✓	✓	✓	✓	✓	✓
	RGB-SYSTEM	1280×768/60GTF		VXX: RGSS1=1280: 768: 60: GTF	QVX: RGSS1	RGSS1=1280: 768: 60: GTF	✓	✓	✓	✓	✓	✓
		1366×768/60GTF		VXX: RGSS1=1366: 768: 60: GTF		RGSS1=1366: 768: 60: GTF	✓	✓	✓	✓	✓	✓
		1400×1050/60GTF		VXX: RGSS1=1400: 1050: 60: GTF		RGSS1=1400: 1050: 60: GTF	✓	✓	✓	✓	✓	✓
		1680×1050/60GTF		VXX: RGSS1=1680: 1050: 60: GTF		RGSS1=1680: 1050: 60: GTF	✓	✓	✓	✓	✓	✓
		1440×900/50GTF		VXX: RGSS1=1440: 900: 50: GTF		RGSS1=1440: 900: 50: GTF	✓	✓	✓	✓	✓	✓
		1600×900/50GTF		VXX: RGSS1=1600: 900: 50: GTF		RGSS1=1600: 900: 50: GTF	✓	✓	✓	✓	✓	✓
		1440×900/60GTF		VXX: RGSS1=1440: 900: 60: GTF		RGSS1=1440: 900: 60: GTF	✓	✓	✓	✓	✓	✓
		1600×900/60GTF		VXX: RGSS1=1600: 900: 60: GTF		RGSS1=1600: 900: 60: GTF	✓	✓	✓	✓	✓	✓
POSITION	REAL TIME KEYSTONE	OFF		OAK: 0	QAK	0	✓	✓	✓	✓	✓	✓
		ON		OAK: 1		1	✓	✓	✓	✓	✓	✓
	KEYSTONE-LENS THROW RATIO	0.9		VXX: GMKS0=0. 9	QVX: GMKS0	GMKS0=00. 9	✓	✓	✓	✓	✓	✓
		1.4		VXX: GMKS0=1. 4		GMKS0=01. 4	✓	✓	✓	✓	✓	✓
		2.3		VXX: GMKS0=2. 3		GMKS0=02. 3	✓	✓	✓	✓	✓	✓
	KEYSTONE-HORIZONTAL	-60		VXX: GMKI5=-00060	QVX: GMKI5	GMKI5=-00060	-70	-70	-70	-70	-70	-70
		+60		VXX: GMKI5=+00060		GMKI5=+00060	70	70	70	70	70	70
	KEYSTONE-VERTICAL	min.		VXX: GMKI1=-00060	QVX: GMKI1	GMKI1=-00060	-70	-70	-70	-70	-70	-70
		max.		VXX: GMKI1=+00060		GMKI1=+00060	70	70	70	70	70	70
	KEYSTONE-HORIZONTAL (Related value)	-120		VXX: KSHI1=-00120			-70	-70	-70	-70	-70	-70
		+120		VXX: KSHI1=+00120			70	70	70	70	70	70
	KEYSTONE-VERTICAL (Related Value)	-160		VXX: KSVI1=-00160			-70	-70	-70	-70	-70	-70
		+160		VXX: KSVI1=+00160			70	70	70	70	70	70
	CURVED CORRECTION-KEYSTONE-HORIZ.	-60		VXX: GMCI5=-00060	QVX: GMCI5	GMCI5=-00060	-70	-70	-70	-70	-70	-70
		+60		VXX: GMCI5=+00060		GMCI5=+00060	70	70	70	70	70	70
	CURVED CORRECTION-KEYSTONE-VERT.	-50		VXX: GMCI1=-00050	QVX: GMCI1	GMCI1=-00050	-70	-70	-70	-70	-70	-70
		+50		VXX: GMCI1=+00050		GMCI1=+00050	70	70	70	70	70	70
	GEOMETRY-KEYSTONE-VERTICAL BALANCE	-60		VXX: GMKI4=-00060	QVX: GMKI4	GMKI4=-00060	✓	✓	✓	✓	✓	✓
		+60		VXX: GMKI4=+00060		GMKI4=+00060	✓	✓	✓	✓	✓	✓
	GEOMETRY-CURVED-LENS THROW RATIO	0.7	0.1 step	VXX: GMCS0=+00. 7	QVX: GMCS0	GMCS0=+00. 7	+0.9	+0.9	+0.9	+0.9	+0.9	+0.9
		16.5		VXX: GMCS0=+16. 5		GMCS0=+16. 5	+2.3	+2.3	+2.3	+2.3	+2.3	+2.3
	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-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=-00300	QVX: GMFI1	GMFI1=+00000	0	0	0	0	0	0
		max.		VXX: GMFI1=+00300		GMFI1=+00300	+192	+192	+192	+192	+192	+192
	GEOMETRY-CORNER CORRECTION-UPPER RIGHT(V)	min.		VXX: GMFI2=-00300	QVX: GMFI2	GMFI2=+00000	0	0	0	0	0	0
		max.		VXX: GMFI2=+00300		GMFI2=+00300	+192	+192	+192	+192	+192	+192
	GEOMETRY-CORNER CORRECTION-LOWER LEFT(V)	min.		VXX: GMFI3=-00300	QVX: GMFI3	GMFI3=-00300	-192	-192	-192	-192	-192	-192
		max.		VXX: GMFI3=+00000		GMFI3=+00000	0	0	0	0	0	0

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL COMMANDS	QUERY COMMANDS	CALL BACK	VZ580	VW540	VX610	VZ585N	VW545N	VX615N
DISPLAY	GEOMETRY-CORNER CORRECTION-LOWER RIGHT(V)	min.		VXX: GMFI 4=-00300	QVX: GMFI 4	GMFI 4=-00300	-192	-192	-192	-192	-192	-192
		max.		VXX: GMFI 4=+00000		GMFI 4=+00000	0	0	0	0	0	0
	GEOMETRY-CORNER CORRECTION-LINEARITY(V)	min.		VXX: GMFI 5=-00127	QVX: GMFI 5	GMFI 5=-00127	✓	✓	✓	✓	✓	✓
		max.		VXX: GMFI 5=+00127		GMFI 5=+00127	✓	✓	✓	✓	✓	✓
	GEOMETRY-CORNER CORRECTION-UPPER LEFT(H)	min.		VXX: GMFI 6=+00000	QVX: GMFI 6	GMFI 6=+00000	0	0	0	0	0	0
		max.		VXX: GMFI 6=+00480		GMFI 6=+00480	+256	+256	+256	+256	+256	+256
	GEOMETRY-CORNER CORRECTION-UPPER RIGHT(H)	min.		VXX: GMFI 7=-00480	QVX: GMFI 7	GMFI 7=-00480	-256	-256	-256	-256	-256	-256
		max.		VXX: GMFI 7=+00000		GMFI 7=+00000	0	0	0	0	0	0
	GEOMETRY-CORNER CORRECTION-LOWER LEFT(H)	min.		VXX: GMFI 8=+00000	QVX: GMFI 8	GMFI 8=+00000	0	0	0	0	0	0
		max.		VXX: GMFI 8=+00480		GMFI 8=+00480	+256	+256	+256	+256	+256	+256
	GEOMETRY-CORNER CORRECTION-LOWER RIGHT(H)	min.		VXX: GMFI 9=-00480	QVX: GMFI 9	GMFI 9=-00480	-256	-256	-256	-256	-256	-256
		max.		VXX: GMFI 9=+00000		GMFI 9=+00000	0	0	0	0	0	0
	GEOMETRY-CORNER CORRECTION-LINEARITY(H)	min.		VXX: GMFI A=-00127	QVX: GMFI A	GMFI A=-00127	✓	✓	✓	✓	✓	✓
		max.		VXX: GMFI A=+00127		GMFI A=+00127	✓	✓	✓	✓	✓	✓
	SHIFT-HORIZONTAL	-127		VHP: -127	QHP	-127	✓	✓	✓	✓	✓	✓
		+127		VHP: 0127		0127	✓	✓	✓	✓	✓	✓
	SHIFT-VERTICAL	-127		VVP: -127	QVP	-127	✓	✓	✓	✓	✓	✓
		+127		VVP: 0127		0127	✓	✓	✓	✓	✓	✓
	OVER SCAN	0%		MOV: 0	QOV	0	✓	✓	✓	✓	✓	✓
		3%		MOV: 1		1	✓	✓	✓	✓	✓	✓
		5%		MOV: 2		2	✓	✓	✓	✓	✓	✓
		7%		MOV: 3		3	✓	✓	✓	✓	✓	✓
	DOT CLOCK	-32		VDC: -32	QDC	-32	✓	✓	✓	✓	✓	✓
		+32		VDC: 032		032	✓	✓	✓	✓	✓	✓
	CLOCK PHASE	-16		VCP: -16	QCP	-16	✓	✓	✓	✓	✓	✓
		+16		VCP: 016		016	✓	✓	✓	✓	✓	✓
	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	✓	✓	✓	✓	✓	✓
	FRAME LOCK	OFF		VFL: 0	QFL	0	✓	✓	✓	✓	✓	✓
		ON		VFL: 1		1	✓	✓	✓	✓	✓	✓
DISPLAY LANGUAGE	LANGUAGE	English		OLG: ENG	QLG	ENG	✓	✓	✓	✓	✓	✓
		German		OLG: DEU		DEU	✓	✓	✓	✓	✓	✓
		French		OLG: FRA		FRA	✓	✓	✓	✓	✓	✓
		Spanish		OLG: ESP		ESP	✓	✓	✓	✓	✓	✓
		Italian		OLG: ITL		ITL	✓	✓	✓	✓	✓	✓
		Japanese		OLG: JPN		JPN	✓	✓	✓	✓	✓	✓
		Chinese		OLG: CHI		CHI	✓	✓	✓	✓	✓	✓
		Russian		OLG: RUS		RUS	✓	✓	✓	✓	✓	✓
		Korea		OLG: KOR		KOR	✓	✓	✓	✓	✓	✓
		Portuguese		OLG: POR		POR	✓	✓	✓	✓	✓	✓
		Swedish		OLG: SVE		SVE	✓	✓	✓	✓	✓	✓
		Norwegan		OLG: NOR		NOR	✓	✓	✓	✓	✓	✓
		Danish		OLG: DAN		DAN	✓	✓	✓	✓	✓	✓
		Polish		OLG: POL		POL	✓	✓	✓	✓	✓	✓
		Czech		OLG: CES		CES	✓	✓	✓	✓	✓	✓
		Hungarian		OLG: MAG		MAG	✓	✓	✓	✓	✓	✓
		Thai		OLG: THA		THA	✓	✓	✓	✓	✓	✓
		Dutch		OLG: NLD		NLD	✓	✓	✓	✓	✓	✓
		Finnish		OLG: FIN		FIN	✓	✓	✓	✓	✓	✓
		Romanian		OLG: RUM		RUM	✓	✓	✓	✓	✓	✓
		Turkish		OLG: TUR		TUR	✓	✓	✓	✓	✓	✓
		Arabic		OLG: ARA		ARA	✓	✓	✓	✓	✓	✓
		Kazakh		OLG: KAZ		KAZ	✓	✓	✓	✓	✓	✓
		Vietnamese		OLG: VIE		VIE	✓	✓	✓	✓	✓	✓
DISPLAY OPTION	COLOR MATCHING	OFF		VXX: CMAI 0=+00000	QVX: CMAI 0	CMAI 0=+00000	✓	✓	✓	✓	✓	✓
		3COLORS		VXX: CMAI 0=+00001		CMAI 0=+00001	✓	✓	✓	✓	✓	✓
		6COLORS		VXX: CMAI 0=+00005		CMAI 0=+00005	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-3COLORS-RED	0 (R,G,B)		VMR: 0000, 0000, 0000	QMR	0000, 0000, 0000	✓	✓	✓	✓	✓	✓
		2048,2048,2048(R,G,B)		VMR: 2048, 2048, 2048		2048, 2048, 2048	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-3COLORS-GREEN	0 (R,G,B)		VMG: 0000, 0000, 0000	QMG	0000, 0000, 0000	✓	✓	✓	✓	✓	✓
		2048,2048,2048(R,G,B)		VMG: 2048, 2048, 2048		2048, 2048, 2048	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-3COLORS-BLUE	0 (R,G,B)		VMB: 0000, 0000, 0000	QMB	0000, 0000, 0000	✓	✓	✓	✓	✓	✓
		2048,2048,2048(R,G,B)		VMB: 2048, 2048, 2048		2048, 2048, 2048	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-3COLORS-WHITE	256 (GAIN)		VMW: 0256	QMW	0256	✓	✓	✓	✓	✓	✓
		2048(GAIN)		VMW: 2048		2048	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-3COLORS-AUTO TESTPATTERN	OFF		VXX: CATI 0=+00000	QVX: CATI 0	CATI 0=+00000	✓	✓	✓	✓	✓	✓
		ON		VXX: CATI 0=+00001		CATI 0=+00001	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-6COLORS-WHITE	0 (R,G,B)		VXX: C6CS1=0000, 0000, 0000	QVX: C6CS1	C6CS1=0128, 128, 128	✓	✓	✓	✓	✓	✓
		512(R,G,B)		VXX: C6CS1=0512, 0512, 0512		C6CS1=0512, 0512, 0512	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-6COLORS-RED	0 (R,G,B)		VXX: C6CS2=0128, 0000, 0000	QVX: C6CS2	C6CS2=0128, 0000, 0000	✓	✓	✓	✓	✓	✓
		512(R,G,B)		VXX: C6CS2=0512, 0384, 0384		C6CS2=0512, 0384, 0384	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-6COLORS-GREEN	0 (R,G,B)		VXX: C6CS3=0000, 0128, 0000	QVX: C6CS3	C6CS3=0000, 0128, 0000	✓	✓	✓	✓	✓	✓
		512(R,G,B)		VXX: C6CS3=0384, 0512, 0384		C6CS3=0384, 0512, 0384	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-6COLORS-BLUE	0 (R,G,B)		VXX: C6CS4=0000, 0000, 0128	QVX: C6CS4	C6CS4=0000, 0000, 0128	✓	✓	✓	✓	✓	✓
		512(R,G,B)		VXX: C6CS4=0384, 0384, 0512		C6CS4=0384, 0384, 0512	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-6COLORS-CYAN	0 (R,G,B)		VXX: C6CS5=0000, 0128, 0128	QVX: C6CS5	C6CS5=0000, 0128, 0128	✓	✓	✓	✓	✓	✓
		512(R,G,B)		VXX: C6CS5=0384, 0512, 0512		C6CS5=0384, 0512, 0512	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-6COLORS-MAGENTA	0 (R,G,B)		VXX: C6CS6=0128, 0000, 0128	QVX: C6CS6	C6CS6=0128, 0000, 0128	✓	✓	✓	✓	✓	✓
		512(R,G,B)		VXX: C6CS6=0512, 0384, 0512		C6CS6=0512, 0384, 0512	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-6COLORS-YELLOW	0 (R,G,B)		VXX: C6CS7=0128, 0128, 0000	QVX: C6CS7	C6CS7=0128, 0128, 0000	✓	✓	✓	✓	✓	✓
		512(R,G,B)		VXX: C6CS7=0512, 0512, 0384		C6CS7=0512, 0512, 0384	✓	✓	✓	✓	✓	✓
	COLOR MATCHING-6COLORS-AUTO TESTPATTERN	OFF		VXX: CATI 4=+00000	QVX: CATI 4	CATI 4=+00000	✓	✓	✓	✓	✓	✓
		ON		VXX: CATI 4=+00001		CATI 4=+00001	✓	✓	✓	✓	✓	✓
	COLOR CORRECTION	OFF		VCM: 0	QMC	0	✓	✓	✓	✓	✓	✓
		USER		VCM: 1		1	✓	✓	✓	✓	✓	✓
	COLOR CORRECTION-RED	-30		VXX: CCRI 0=-00030	QVX: CCRI 0	CCRI 0=-00030	+32	+32	+32	+32	+32	+32
		+30		VXX: CCRI 0=+00030		CCRI 0=+00030	-32	-32	-32	-32	-32	-32
	COLOR CORRECTION-GREEN	-30		VXX: CCRI 1=-00030	QVX: CCRI 1	CCRI 1=-00030	+32	+32	+32	+32	+32	+32
		+30		VXX: CCRI 1=+00030		CCRI 1=+00030	-32	-32	-32	-32	-32	-32
	COLOR CORRECTION-BLUE	-30		VXX: CCRI 2=-00030	QVX: CCRI 2	CCRI 2=-00030	+32	+32	+32	+32	+32	+32
		+30		VXX: CCRI 2=+00030		CCRI 2=+00030	-32	-32	-32	-32	-32	-32
	COLOR CORRECTION-CYAN	-30		VXX: CCRI 3=-00030	QVX: CCRI 3	CCRI 3=-00030	+32	+32	+32	+32	+32	+32
		+30		VXX: CCRI 3=+00030		CCRI 3=+00030	-32	-32	-32	-32	-32	-32
	COLOR CORRECTION-MAGENTA	-30		VXX: CCRI 4=-00030	QVX: CCRI 4	CCRI 4=-00030	+32	+32	+32	+32	+32	+32
		+30		VXX: CCRI 4=+00030		CCRI 4=+00030	-32	-32	-32	-32	-32	-32
	COLOR CORRECTION-YELLOW	-30		VXX: CCRI 5=-00030	QVX: CCRI 5	CCRI 5=-00030	+32	+32	+32	+32	+32	+32
		+30		VXX: CCRI 5=+00030		CCRI 5=+00030	-32	-32	-32	-32	-32	-32
	HDMI IN-SIGNAL LEVEL	0-1023		VXX: HSLI 0=+00000	QVX: HSLI 0	HSLI 0=+00000	✓	✓	✓	✓	✓	✓
		64-940		VXX: HSLI 0=+00001		HSLI 0=+00001	✓	✓	✓	✓	✓	✓
		AUTO		VXX: HSLI 0=+00002		HSLI 0=+00002	✓	✓	✓			
	DIGITAL LINK-SIGNAL LEVEL	AUTO		VXX: DKLI 1=+00000	QVX: DKLI 1	DKLI 1=+00000				✓	✓	✓
		0-1023		VXX: DKLI 1=+00001		DKLI 1=+00001				✓	✓	✓
		64-940		VXX: DKLI 1=+00002		DKLI 1=+00002				✓	✓	✓
	INPUT GUIDE	OFF		OID: 0	QDI	0	✓	✓	✓	✓	✓	✓
		ON (SIMPLE)		OID: 1		1	✓	✓	✓	✓	✓	✓
		DETAILED		OID: 2		2		✓	✓	✓	✓	✓
	OSD POSITION	UPPER LEFT		VXX: OPSI 1=+00001	QVX: OPSI 1	OPSI 1=+00001	✓	✓	✓	✓	✓	✓
		LOWER LEFT		VXX: OPSI 1=+00003		OPSI 1=+00003	✓	✓	✓	✓	✓	✓
		CENTER		VXX: OPSI 1=+00005		OPSI 1=+00005	✓	✓	✓	✓	✓	✓
		UPPER RIGHT		VXX: OPSI 1=+00007		OPSI 1=+00007	✓	✓	✓	✓	✓	✓
		LOWER RIGHT		VXX: OPSI 1=+00009		OPSI 1=+00009	✓	✓	✓	✓	✓	✓
	OSD SIZE	NORMAL		VXX: OSZI 1=+00100	QVX: OSZI 1	OSZI 1=+00100	✓					
		DOUBLE		VXX: OSZI 1=+00200		OSZI 1=+00200	✓					
	WARNING MESSAGE	OFF		VXX: WMDI 0=+00000	QVX: WMDI 0	WMDI 0=+00000	✓	✓	✓	✓	✓	✓
		ON		VXX: WMDI 0=+00001		WMDI 0=+00001	✓	✓	✓	✓	✓	✓
	CLOSED CAPTION SETTING	OFF		OCC: 0	QCC	0	✓	✓	✓	✓	✓	✓
		CC1		OCC: 1		1	✓	✓	✓	✓	✓	✓
		CC2		OCC: 2		2	✓	✓	✓	✓	✓	✓
		CC3		OCC: 3		3	✓	✓	✓	✓	✓	✓
		CC4		OCC: 4		4	✓	✓	✓	✓	✓	✓
	SCREEN SETTING	16:10		VSF: 0	QSF	0	✓	✓	✓	✓	✓	✓
		16:9		VSF: 1		1	✓	✓	✓	✓	✓	✓
		4:3		VSF: 2		2	✓	✓	✓	✓	✓	✓
	SCREEN POSITION-VERTICAL	LOWER		VXX: VSPI 1=+00000	QVX: VSPI 1	VSPI 1=+00000	✓	✓	✓	✓	✓	✓
		CENTER		VXX: VSPI 1=+00001		VSPI 1=+00001	✓	✓	✓	✓	✓	✓
		UPPER		VXX: VSPI 1=+00002		VSPI 1=+00002	✓	✓	✓	✓	✓	✓
	SCREEN POSITION-HORIZONTAL	LEFT		VXX: HSPI 1=+00000	QVX: HSPI 1	HSPI 1=+00000	✓	✓	✓	✓	✓	✓
		CENTER		VXX: HSPI 1=+00001		HSPI 1=+00001	✓	✓	✓	✓	✓	✓
		RIGHT		VXX: HSPI 1=+00002		HSPI 1=+00002	✓	✓	✓	✓	✓	✓
	STARTUP LOGO	OFF		MLO: 0	QLO	0	✓	✓	✓	✓	✓	✓
		USER LOGO		MLO: 1		1	✓	✓	✓	✓	✓	✓
		DEFAULT LOGO		MLO: 2		2	✓	✓	✓	✓	✓	✓
	AUTO SETUP SETTING	BUTTON		OSS: 0	QVX: ASSI 1	ASSI 1=+00002	✓	✓	✓	✓	✓	✓
		AUTO		OSS: 1		ASSI 1=+00001	✓	✓	✓	✓	✓	✓
	SIGNAL SEARCH	OFF		OSR: 0	QSR	0	✓	✓	✓	✓	✓	✓

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL COMMANDS	QUERY COMMANDS	QUERY CALL BACK	VZ580	VW540	VX610	VZ585N	VW545N	VX615N
	BACK COLOR	ON		OSR: 1		1	✓	✓	✓	✓	✓	✓
		BLUE		OBC: 0	QBC	0	✓	✓	✓	✓	✓	✓
		BLACK		OBC: 1		1	✓	✓	✓	✓	✓	✓
		DEFAULT LOGO		OBC: 2		2	✓	✓	✓	✓	✓	✓
		USER LOGO		OBC: 3		3	✓	✓	✓	✓	✓	✓
	P-TIMER-MODE	COUNT DOWN		VXX: PTMI 1=+00000	QVX: PTMI 1	PTMI 1=+00000	✓	✓	✓	✓	✓	✓
		COUNT UP		VXX: PTMI 1=+00001		PTMI 1=+00001	✓	✓	✓	✓	✓	✓
	P-TIMER-COUNT DOWN TIMER	1 MIN.		VXX: PTMI 2=+00001	QVX: PTMI 2	PTMI 2=+00001	✓	✓	✓	✓	✓	✓
		180 MIN.		VXX: PTMI 2=+00180		PTMI 2=+00180	✓	✓	✓	✓	✓	✓
	P-TIMER-RESET	RESET		VXX: PTMI 3=+00000			✓	✓	✓	✓	✓	✓
	P-TIMER-EXIT	EXIT		VXX: PTMI 4=+00000			✓	✓	✓	✓	✓	✓
PROJECTOR SETUP	STATUS			STS			✓	✓	✓	✓	✓	✓
	COMPUTER2 INOUT/OUTPUT SELECT	COMPUTER2 IN		ORI: 2 IN	QRI	2 IN	✓	✓	✓	✓	✓	✓
		COMPUTER2 OUT		ORI: 2OU		2OU	✓	✓	✓	✓	✓	✓
	PROJECTOR ID	ALL		RIS: 0								
		ID1		RIS: 1			✓	✓	✓	✓	✓	✓
		ID2		RIS: 2			✓	✓	✓	✓	✓	✓
		ID3		RIS: 3			✓	✓	✓	✓	✓	✓
		ID4		RIS: 4			✓	✓	✓	✓	✓	✓
		ID5		RIS: 5			✓	✓	✓	✓	✓	✓
		ID6		RIS: 6			✓	✓	✓	✓	✓	✓
	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	✓	✓	✓	✓	✓	✓
	LAMP POWER	NORMAL		OLP: 1	QLP	1	✓	✓	✓	✓	✓	✓
		ECO1		OLP: 3		3	✓	✓	✓	✓	✓	✓
		ECO2		OLP: 4		4	✓	✓	✓	✓	✓	✓
	ECO MANAGEMENT-AUTO POWER SAVE	OFF		VXX: ECOI 0=+00000	QVX: ECOI 0	ECOI 0=+00000	✓	✓	✓	✓	✓	✓
		ON		VXX: ECOI 0=+00001		ECOI 0=+00001	✓	✓	✓	✓	✓	✓
	ECO MANAGEMENT-AMBIENT LIGHT DETECTION	OFF		VXX: ECOI 1=+00000	QVX: ECOI 1	ECOI 1=+00000	✓	✓	✓	✓	✓	✓
		ON		VXX: ECOI 1=+00001		ECOI 1=+00001	✓	✓	✓	✓	✓	✓
	ECO MANAGEMENT-SIGNAL DETECTION	OFF		VXX: ECOI 2=+00000	QVX: ECOI 2	ECOI 2=+00000	✓	✓	✓	✓	✓	✓
		ON		VXX: ECOI 2=+00001		ECOI 2=+00001	✓	✓	✓	✓	✓	✓
	ECO MANAGEMENT-AV MUTE DETECTION	OFF		VXX: ECOI 3=+00000	QVX: ECOI 3	ECOI 3=+00000	✓	✓	✓	✓	✓	✓
		ON		VXX: ECOI 3=+00001		ECOI 3=+00001	✓	✓	✓	✓	✓	✓
	POWER MANAGEMENT	OFF		VXX: ECOI 5=+00000	QVX: ECOI 5	ECOI 5=+00000	✓	✓	✓	✓	✓	✓
		READY		VXX: ECOI 5=+00001		ECOI 5=+00001	✓	✓	✓	✓	✓	✓
		SHUTDOWN		VXX: ECOI 5=+00002		ECOI 5=+00002	✓	✓	✓	✓	✓	✓
	POWER MANAGEMENT-TIMER	5 MIN		VXX: ECOI 6=+00005	QVX: ECOI 6	ECOI 6=+00005	✓	✓	✓	✓	✓	✓
		120 MIN		VXX: ECOI 6=+00120		ECOI 6=+00120	✓	✓	✓	✓	✓	✓
	STANDBY MODE	NORMAL		VXX: STMI 0=+00000	QVX: STMI 0	STMI 0=+00000	✓	✓	✓	✓	✓	✓
		ECO		VXX: STMI 0=+00003		STMI 0=+00003	✓	✓	✓	✓	✓	✓
	FUNCTION BUTTON	* PARAMETER		OFC: *****	QFC	*****	✓	✓	✓	✓	✓	✓
	INITIAL START UP	STANDBY		OPY: 0	QPY	0	✓	✓	✓	✓	✓	✓
		ON		OPY: 1		1	✓	✓	✓	✓	✓	✓
		LAST MEMORY		OPY: 2		2	✓	✓	✓	✓	✓	✓
	EMULATE	DEFAULT		VXX: EMUI 0=+00001	QVX: EMUI 0	EMUI 0=+00001	✓	✓	✓	✓	✓	✓
		D3500		VXX: EMUI 0=+00002		EMUI 0=+00002	✓	✓	✓	✓	✓	✓
		D4000		VXX: EMUI 0=+00003		EMUI 0=+00003	✓	✓	✓	✓	✓	✓
		D/W5k SERIES		VXX: EMUI 0=+00004		EMUI 0=+00004	✓	✓	✓	✓	✓	✓
		D/W/Z6k SERIES		VXX: EMUI 0=+00005		EMUI 0=+00005	✓	✓	✓	✓	✓	✓
		L730		VXX: EMUI 0=+00006		EMUI 0=+00006	✓	✓	✓	✓	✓	✓
		L780		VXX: EMUI 0=+00007		EMUI 0=+00007	✓	✓	✓	✓	✓	✓
		L735		VXX: EMUI 0=+00008		EMUI 0=+00008	✓	✓	✓	✓	✓	✓
		L785		VXX: EMUI 0=+00009		EMUI 0=+00009	✓	✓	✓	✓	✓	✓
		LB/W SERIES		VXX: EMUI 0=+00010		EMUI 0=+00010	✓	✓	✓	✓	✓	✓
		F/W SERIES		VXX: EMUI 0=+00011		EMUI 0=+00011	✓	✓	✓	✓	✓	✓
		LZ370		VXX: EMUI 0=+00012		EMUI 0=+00012	✓	✓	✓	✓	✓	✓
		VX500 SERIES		VXX: EMUI 0=+00013		EMUI 0=+00013	✓	✓	✓	✓	✓	✓
		EZ570 SERIES		VXX: EMUI 0=+00014		EMUI 0=+00014	✓	✓	✓	✓	✓	✓
		VW431D SERIES		VXX: EMUI 0=+00015		EMUI 0=+00015	✓	✓	✓	✓	✓	✓
	AUDIO SETTING-VOLUME	0		AVL: 000	QAV	000	✓	✓	✓	✓	✓	✓
		63		AVL: 063		063	✓	✓	✓	✓	✓	✓
	AUDIO SETTING-IN STANDBY MODE	OFF		VXX: ASBI 0=+00000	QVX: ASBI 0	ASBI 0=+00000	✓	✓	✓	✓	✓	✓
		ON		VXX: ASBI 0=+00001		ASBI 0=+00001	✓	✓	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-COMPUTER1	AUDIO IN 1		VXX: AI NI 0=+00000	QVX: AI NI 0	AI NI 0=+00000	✓	✓	✓	✓	✓	✓
		AUDIO IN 2		VXX: AI NI 0=+00001		AI NI 0=+00001	✓	✓	✓	✓	✓	✓
		AUDIO IN 3		VXX: AI NI 0=+00002		AI NI 0=+00002	✓	✓	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-COMPUTER2	AUDIO IN 1		VXX: AI NI 1=+00000	QVX: AI NI 1	AI NI 1=+00000	✓	✓	✓	✓	✓	✓
		AUDIO IN 2		VXX: AI NI 1=+00001		AI NI 1=+00001	✓	✓	✓	✓	✓	✓
		AUDIO IN 3		VXX: AI NI 1=+00002		AI NI 1=+00002	✓	✓	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-HDMI1	HDMI1 AUDIO IN		VXX: AI NI 3=+00003	QVX: AI NI 3	AI NI 3=+00003	✓	✓	✓	✓	✓	✓
		AUDIO IN 1		VXX: AI NI 3=+00000		AI NI 3=+00000	✓	✓	✓	✓	✓	✓
		AUDIO IN 2		VXX: AI NI 3=+00001		AI NI 3=+00001	✓	✓	✓	✓	✓	✓
		AUDIO IN 3		VXX: AI NI 3=+00002		AI NI 3=+00002	✓	✓	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-VIDEO	AUDIO IN 1		VXX: AI NI 4=+00000	QVX: AI NI 4	AI NI 4=+00000	✓	✓	✓	✓	✓	✓
		AUDIO IN 2		VXX: AI NI 4=+00001		AI NI 4=+00001	✓	✓	✓	✓	✓	✓
		AUDIO IN 3		VXX: AI NI 4=+00002		AI NI 4=+00002	✓	✓	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-NETWORK	NETWORK/USB AUDIO IN		VXX: AI NI 6=+00004	QVX: AI NI 6	AI NI 6=+00004	✓	✓	✓	✓	✓	✓
		AUDIO IN 1		VXX: AI NI 6=+00000		AI NI 6=+00000	✓	✓	✓	✓	✓	✓
		AUDIO IN 2		VXX: AI NI 6=+00001		AI NI 6=+00001	✓	✓	✓	✓	✓	✓
		AUDIO IN 3		VXX: AI NI 6=+00002		AI NI 6=+00002	✓	✓	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-HDMI2	HDMI2 AUDIO IN		VXX: AI NI 7=+00003	QVX: AI NI 7	AI NI 7=+00003	✓	✓	✓	✓	✓	✓
		AUDIO IN 1		VXX: AI NI 7=+00000		AI NI 7=+00000	✓	✓	✓	✓	✓	✓
		AUDIO IN 2		VXX: AI NI 7=+00001		AI NI 7=+00001	✓	✓	✓	✓	✓	✓
		AUDIO IN 3		VXX: AI NI 7=+00002		AI NI 7=+00002	✓	✓	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-DIGITAL LINK	DIGITAL LINK ADUIO IN		VXX: AI NI 8=+00005	QVX: AI NI 8	AI NI 8=+00005	✓	✓	✓	✓	✓	✓
		AUDIO IN 1		VXX: AI NI 8=+00000		AI NI 8=+00000	✓	✓	✓	✓	✓	✓
		AUDIO IN 2		VXX: AI NI 8=+00001		AI NI 8=+00001	✓	✓	✓	✓	✓	✓
		AUDIO IN 3		VXX: AI NI 8=+00002		AI NI 8=+00002	✓	✓	✓	✓	✓	✓
	FILTER COUNTER-TIMER	OFF		VXX: FCTI 1=+00000	QVX: FCTI 1	FCTI 1=+00000	✓	✓	✓	✓	✓	✓
		1000H		VXX: FCTI 1=+01000		FCTI 1=+01000	✓	✓	✓	✓	✓	✓
		2000H		VXX: FCTI 1=+02000		FCTI 1=+02000	✓	✓	✓	✓	✓	✓
		3000H		VXX: FCTI 1=+03000		FCTI 1=+03000	✓	✓	✓	✓	✓	✓
		4000H		VXX: FCTI 1=+04000		FCTI 1=+04000	✓	✓	✓	✓	✓	✓
		5000H		VXX: FCTI 1=+05000		FCTI 1=+05000	✓	✓	✓	✓	✓	✓
		6000H		VXX: FCTI 1=+06000		FCTI 1=+06000	✓	✓	✓	✓	✓	✓
		7000H		VXX: FCTI 1=+07000		FCTI 1=+07000	✓	✓	✓	✓	✓	✓
	FILTER COUNTER-RESET			VXX: FCTI 2=+00000			✓	✓	✓	✓	✓	✓
	SERIAL NUMBER	SW0101234			QSN	SW0101234	✓	✓	✓	✓	✓	✓
	PROJECTOR RUNTIME	99999H			QVX: RTMI 0	RTMI 0=+99999	✓	✓	✓	✓	✓	✓
	LAMP RUNTIME	9999H			QSL	9999	✓	✓	✓			
	LAMP UNIT SERIAL NUMBER	12345-67890			QVX: LSNS0	LSNS0=12345-	✓	✓	✓	✓	✓	✓
	FILTER COUNTER	99999H			QFI: 0	99999	✓	✓	✓	✓	✓	✓
	MAC ADDRESS	AB0102030405			QMA	AB0102030405	✓	✓	✓	✓	✓	✓
	DC OUT	OFF		VXX: DCOI 1=+00000	QVX: DCOI 1	DCOI 1=+00000	✓	✓	✓			
		ON		VXX: DCOI 1=+00001		DCOI 1=+00001	✓	✓	✓			
		ERROR				DCOI 1=+00002	✓	✓	✓			
	TEMPERATURE (INTAKE)	0030/0080			QTM: 0	0030/0080	✓	✓	✓			
	TEMPERATURE (EXHAUST AIR)	0030/0080			QTM: 1	0030/0080	✓	✓	✓	✓	✓	✓
	TEMPERATURE (OPTICS MODULE)	0030/0080			QTM: 2	0030/0080	✓	✓	✓	✓	✓	✓
TEST PATTERN	TEST PATTERN	Off		OTS: 00	QTS	00	✓	✓	✓	✓	✓	✓
		White		OTS: 01		01	✓	✓	✓	✓	✓	✓
		Cross Hatch		OTS: 07		07	✓	✓	✓	✓	✓	✓
		Color Bar V		OTS: 08		08	✓	✓	✓	✓	✓	✓
		Black Cross on White		OTS: 18		18	✓	✓	✓	✓	✓	✓
		White Cross on Black		OTS: 19		19	✓	✓	✓	✓	✓	✓
		Color Bar H		OTS: 51		51	✓	✓	✓	✓	✓	✓
NETWORK	WIRELESS LAN	OFF		ONS: 0	QVX: WLSI 1	WLSI 1=+00000				✓	✓	✓
		USER1		ONS: 5		WLSI 1=+00005				✓	✓	✓
		M-DIRECT		ONS: 12		WLSI 1=+00012				✓	✓	✓
		SIMPLE		ONS: 13		WLSI 1=+00013				✓	✓	✓
	DIGITAL LINK MODE	AUTO		VXX: DKMI 1=+00001	QVX: DKMI 1	DKMI 1=+00001				✓	✓	✓
		DIGITAL LINK		VXX: DKMI 1=+00002		DKMI 1=+00002				✓	✓	✓
		ETHERNET		VXX: DKMI 1=+00003		DKMI 1=+00003				✓	✓	✓
		LONG REACH MODE		VXX: DKMI 1=+00004		DKMI 1=+00004				✓	✓	✓
	DIGITAL LINK-DUPLEX(Ethernet)	Auto negotiation		VXX: DKDI 1=+00000	QVX: DKDI 1	DKDI 1=+00000				✓	✓	✓
		100BaseTX-Full		VXX: DKDI 1=+00001		DKDI 1=+00001				✓	✓	✓
		100BaseTX-Half		VXX: DKDI 1=+00002		DKDI 1=+00002				✓	✓	✓
	DIGITAL LINK-DUPLEX(DIGITAL LINK)	Auto negotiation		VXX: DKDI 2=+00000	QVX: DKDI 2	DKDI 2=+00000				✓	✓	✓
		100BaseTX-Full		VXX: DKDI 2=+00001		DKDI 2=+00001				✓	✓	✓
		100BaseTX-Half		VXX: DKDI 2=+00002		DKDI 2=+00002				✓	✓	✓
	DIGITAL LINK STATUS-LINK	NO LINK			QVX: DKSI 1	DKSI 1=+00000				✓	✓	✓
		DIGITAL LINK				DKSI 1=+00001				✓	✓	✓
		LPM				DKSI 1=+00002				✓	✓	✓
		ETHERNET				DKSI 1=+00003				✓	✓	✓
	DIGITAL LINK STATUS-HDCP STATUS	NO SIGNAL			QVX: DKSI 2	DKSI 2=+00000				✓	✓	✓
		OFF				DKSI 2=+00001				✓	✓	✓

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		VZ585N SERIES					
				COMMANDS	COMMANDS	CALL BACK	VZ580	VW540	VX610	VZ585N	VW545N	VX615N
		ON				DKSI 2=+00002				✓	✓	✓
	DIGITAL LINK STATUS-SIGNAL QUALITY (MIN)	-255			QVX: DKSI 3	DKSI 3=-00255				✓	✓	✓
		0				DKSI 3=+00000				✓	✓	✓
	DIGITAL LINK STATUS-SIGNAL QUALITY (MAX)	-255			QVX: DKSI 4	DKSI 4=-00255				✓	✓	✓
		0				DKSI 4=+00000				✓	✓	✓
	DIGITAL LINK INPUT CH LIST	HD1:HDMI1,HD2:HDMI2···.			QVX: DL1S1	DL1S1=HD1: HDMI 1, ****: ***				✓	✓	✓

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