

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R
BASIC OPERATION REMOTE CONTROL	POWER	ON		PON	QPW	1	✓
		OFF (STANDBY)		POF		0	✓
	VOLUME	UP		AUU			✓
		DOWN		AUD			✓
	INPUT SELECT	COMPUTER1		IIS: RG1	QIN	RG1	✓
		COMPUTER2		IIS: RG2		RG2	✓
		VIDEO		IIS: VID		VID	✓
		Y/C		IIS: SVD		SVD	✓
		COMPONENT		IIS: CP1		CP1	✓
		DVI		IIS: DVI		DVI	✓
		HDMI1		IIS: HD1		HD1	✓
		HDMI2		IIS: HD2		HD2	✓
		SDI1		IIS: SD1		SD1	✓
		SDI2		IIS: SD2		SD2	✓
		SDI3		IIS: SD3		SD3	✓
		SDI4		IIS: SD4		SD4	✓
		NETWORK/USB		IIS: NWP		NWP	✓
		Panasonic APPLICATION		IIS: PA1		PA1	✓
		Miracast/Mirroring		IIS: MC1		MC1	✓
		NETWORK VIEWER		IIS: NV1		NV1	✓
		MEMORY VIEWER		IIS: MV1		MV1	✓
		DIGITAL LINK		IIS: DL1		DL1	✓
		USB DISPLAY		IIS: UD1		UD1	✓
		SIGNAGE		IIS: SI1		SI1	✓
	INPUT SELECT (DIGITAL LINK)	COMPUTER1		IIS: DL1: RG1	QIN	DL1: RG1	
		COMPUTER2		IIS: DL1: RG2		DL1: RG2	
		COMPUTER1		IIS: DL1: PC1		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	
	INPUT SELECT (SLOT)	SLOT1 : SDI1		IIS: AU1, SD1	QIN	AU1, SD1	
		SLOT1 : SDI2		IIS: AU1, SD2		AU1, SD2	
		SLOT2 : SDI3		IIS: AU2, SD3		AU2, SD3	
		SLOT2 : SDI4		IIS: AU2, SD4		AU2, SD4	
		SLOT1 : HDMI1		IIS: AU1, HD1		AU1, HD1	
		SLOT1 : HDMI2		IIS: AU1, HD2		AU1, HD2	
		SLOT2 : HDMI3		IIS: AU2, HD3		AU2, HD3	
		SLOT2 : HDMI4		IIS: AU2, HD4		AU2, HD4	
	SLOT1 : DVI1		IIS: AU1, DV1		AU1, DV1		
	SLOT1 : DVI2		IIS: AU1, DV2		AU1, DV2		
	SLOT2 : DVI3		IIS: AU2, DV3		AU2, DV3		
	SLOT2 : DVI4		IIS: AU2, DV4		AU2, DV4		
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	✓	
SHUTTER	ON		OSH: 0	QSH	0		
	OFF		OSH: 1		1		
SHUTTER(Toggle)	OFF		OSH	QSH	0		
	ON				1		
DIGITAL ZOOM UP			DZU				
DIGITAL ZOOM DOWN			DZD				
FUNCTION KEY			FC1				
SYSTEM SELECTOR KEY			OSL				
ASPECT KEY			VS1				
ASPECT KEY	NORMAL		VS1	QS1	1	✓	
	WIDE				2	✓	
P IN P			ODW				
PAGE UP			OUP				
PAGE DOWN			ODP				
KEYSTONE			KST				
ECO			OEC				
NUMERIC KEY	0		ONK: 0				
	1		ONK: 1				
	2		ONK: 2				
	3		ONK: 3				
	4		ONK: 4				
	5		ONK: 5				
	6		ONK: 6				
	7		ONK: 7				
	8		ONK: 8				
	9		ONK: 9				
LENS HOME POSITION	EXECUTE		VXX: LNSI 1=+00001				
LENS SHIFT-HORIZONTAL	SLOW+		VXX: LNSI 2=+00000				
	SLOW-		VXX: LNSI 2=+00001				
	NORMAL+		VXX: LNSI 2=+00100				
	NORMAL-		VXX: LNSI 2=+00101				
	FAST+		VXX: LNSI 2=+00200				
	FAST-		VXX: LNSI 2=+00201				
LENS SHIFT-VERTICAL	SLOW+		VXX: LNSI 3=+00000				
	SLOW-		VXX: LNSI 3=+00001				
	NORMAL+		VXX: LNSI 3=+00100				
	NORMAL-		VXX: LNSI 3=+00101				
	FAST+		VXX: LNSI 3=+00200				
	FAST-		VXX: LNSI 3=+00201				
LENS FOCUS	SLOW+		VXX: LNSI 4=+00000				
	SLOW-		VXX: LNSI 4=+00001				
	NORMAL+		VXX: LNSI 4=+00100				
	NORMAL-		VXX: LNSI 4=+00101				
	FAST+		VXX: LNSI 4=+00200				
	FAST-		VXX: LNSI 4=+00201				
LENS ZOOM	SLOW+		VXX: LNSI 5=+00000				
	SLOW-		VXX: LNSI 5=+00001				
	NORMAL+		VXX: LNSI 5=+00100				
	NORMAL-		VXX: LNSI 5=+00101				
	FAST+		VXX: LNSI 5=+00200				
	FAST-		VXX: LNSI 5=+00201				
LENS POSITION HORIZONTAL	-02480		VXX: LNSI 7=- 02480	QVX: LNSI 7	LNSI 7=- 02480		

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				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R
		+02480		VXX: LNSI 7=+02480		LNSI 7=+02480	
	LENS POSITION VERTICAL	-03200 +03200		VXX: LNSI 8=- 03200 VXX: LNSI 8=+03200	QVX: LNSI 8	LNSI 8=- 03200 LNSI 8=+03200	
	LENS POSITION FOCUS	+00000 +02560		VXX: LNSI 9=+00000 VXX: LNSI 9=+02560	QVX: LNSI 9	LNSI 9=+00000 LNSI 9=+02560	
	LENS POSITION H/V	-02480/-03200 +02480/+03200		VXX: LNSSB=- 02480- 03200 VXX: LNSSB=+02480+03200	QVX: LNSSB	LNSSB=- 02480- 03200 LNSSB=+02480+03200	
	LENS POSITION H/V FOCUS	-02480/-03200/+00000 +02480/+03200/+02560		VXX: LNSSC=- 02480- 03200+00000 VXX: LNSSC=+02480+03200+02560	QVX: LNSSC	LNSSC=- 02480- 03200+00000 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			
	EASY SETTING			ESS			
	P-TIMER			PTM			
	SCREEN ADJUSTMENT			OSA			
	AUDIO MUTE	OFF ON		AMT: 0 AMT: 1	QMT	0 1	✓ ✓
	SELF DIAGNOSIS MULTI LIVE				QVX: ERRS1	ERRS1=****	
				OML			
	PICTURE MODE	DYNAMIC NATURAL STANDARD BLACK BOARD WHITE BOARD CINEMA GRAPHIC DICOM SIM. USER REC709 EASY SETTING NORMAL		VPM: DYN VPM: NAT VPM: STD VPM: BBD VPM: WBD VPM: CIN VPM: GRA VPM: DIC VPM: USR VPM: 709 VPM: ESS VPM: NOR	QPM	DYN NAT STD BBD WBD CIN GRA DIC USR 709 ESS NOR	
	PICTURE MODE-NAME SETTING USER	PICTUREMODE		VXX: NCGS0=PICTUREMODE	QVX: NCGS0	NCGS0=PICTUREMODE	
	PICTURE MODE-NAME CLEAR USER	PICTUREMODE		VXX: NCLI 0=+00000			
Ye MODULATE	OFF ON		VXX: YEMI 0=+00000 VXX: YEMI 0=+00001	QVX: YEMI 0	YEMI 0=+00000 YEMI 0=+00001		
CONTRAST	-31 +31		VCN: - 32 VCN: 032	QVR	- 32 032		
CONTRAST	+1 +63		VCN: 001 VCN: 063	QVR	001 063		
BRIGHTNESS	-32 +32		VBR: - 32 VBR: 032	QVB	- 32 032		
BRIGHTNESS	+1 +63		VBR: 001 VBR: 063	QVB	001 063		
COLOR	-32 +32		VCO: - 32 VCO: 032	QVC	- 32 032		
COLOR	+1 +63		VCO: 001 VCO: 063	QVC	001 063		
TINT	-32 +32		VTN: - 32 VTN: 032	QVT	- 32 032		
TINT	+1 +63		VTN: 001 VTN: 063	QVT	001 063		
SHARPNESS	0 15		VSR: 000 VSR: 015	QVS	000 015		
WHITE GAIN	0 10		VWH: 00 VWH: 10	QWH	00 10		
COLOR TEMPERATURE	LOW DEFAULT(MIDDLE) HIGH USER USER1(USER) USER2 DEFAULT 3200K 3300K 9200K 9300K		OTE: 0 OTE: 1 OTE: 2 OTE: 4 OTE: 04 OTE: 09 OTE: 10 OTE: 3200 OTE: 3300 OTE: 9200 OTE: 9300	QTE	0 1 2 4 4 9 10 3200 3300 9200 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		
COLOR TEMP-NAME CLEAR USER1	COLORTEMP1		VXX: NCLI 1=+00000				
COLOR TEMP-NAME CLEAR USER2	COLORTEMP2		VXX: NCLI 3=+00000				
WHITE BALANCE LOW-RED	-127 +127		VOR: 001 VOR: 255	QOR	001 255		
WHITE BALANCE LOW-GREEN	-127 +127		VOG: 001 VOG: 255	QOG	001 255		
WHITE BALANCE LOW-BLUE	-127 +127		VOB: 001 VOB: 255	QOB	001 255		
WHITE BALANCE HIGH-RED	0 +255		VHR: 000 VHR: 255	QHR	000 255		
WHITE BALANCE HIGH-GREEN	0 +255		VHG: 000 VHG: 255	QHG	000 255		
WHITE BALANCE HIGH-BLUE	0 +255		VHB: 000 VHB: 255	QHB	000 255		
IRIS	OFF ON		VXX: IRI I 1=+00000 VXX: IRI I 1=+00001	QVX: IRI I 1	IRI I 1=+00000 IRI I 1=+00001		
GAMMA	1.0 1.8 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 USER1 USER2 DICOM HDR HLG HDR ST2048-500 HDR ST2048-1000 DEFAULT		VGA: 1. 0 VGA: 1. 8 VGA: 2. 0 VGA: 2. 1 VGA: 2. 2 VGA: 2. 3 VGA: 2. 4 VGA: 2. 5 VGA: 2. 6 VGA: 2. 7 VGA: 2. 8 VGA: US1 VGA: US2 VGA: DIC VGA: HD1 VGA: HD2 VGA: HD3 VGA: DEF	QGA	1. 0 1. 8 2. 0 2. 1 2. 2 2. 3 2. 4 2. 5 2. 6 2. 7 2. 8 US1 US2 DIC HD1 HD2 HD3 DEF		
GAMMA(PRESET)	-8 +7		VXX: GAM 1=- 00008 VXX: GAM 1=+00007	QVX: GAM 1	GAM 1=- 00008 GAM 1=+00007		
GAMMA-NAME SETTING USER1	GAMMAUSER1		VXX: NCGS2=GAMMAUSER1	QVX: NCGS2	NCGS2=GAMMAUSER1		
GAMMA-NAME SETTING USER2	GAMMAUSER2		VXX: NCGS4=GAMMAUSER2	QVX: NCGS4	NCGS4=GAMMAUSER2		
GAMMA-NAME CLEAR USER1	GAMMAUSER1		VXX: NCLI 2=+00000				
GAMMA-NAME CLEAR USER2	GAMMAUSER2		VXX: NCLI 4=+00000				
DAYLIGHT VIEW FRONT INSTALL	OFF AUTO(1) ON(2) ON(3)		VXX: DLVI 0=+00000 VXX: DLVI 0=+00001 VXX: DLVI 0=+00002 VXX: DLVI 0=+00003	QVX: DLVI 0	DLVI 0=+00000 DLVI 0=+00001 DLVI 0=+00002 DLVI 0=+00003		

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				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R
PICTURE		4		VXX: DLVI 0=+00004		DLVI 0=+00004	
		5		VXX: DLVI 0=+00005		DLVI 0=+00005	
		6		VXX: DLVI 0=+00006		DLVI 0=+00006	
	DAYLIGHT VIEW REAR INSTALL	OFF ON		VXX: DLVI 0=+00000 VXX: DLVI 0=+00001	QVX: DLVI 0	DLVI 0=+00000 DLVI 0=+00001	
	DAYLIGHT VIEW	OFF AUTO 1 2 3		VXX: DLVI 0=+00000 VXX: DLVI 0=+00001 VXX: DLVI 0=+00002 VXX: DLVI 0=+00003 VXX: DLVI 0=+00004	QVX: DLVI 0	DLVI 0=+00000 DLVI 0=+00001 DLVI 1=+00002 DLVI 0=+00003 DLVI 0=+00004	
	DIGITAL CINEMA REALITY	OFF ON		OPD: 0 OPD: 1	QPD	0 1	
	NOISE REDUCTION	OFF ON		VNR: 0 VNR: 1	QNR	0 1	
	NOISE REDUCTION	OFF 1 2 3		VNS: 0 VNS: 1 VNS: 2 VNS: 3	QNS	0 1 2 3	
	DYNAMIC CONTRAST/IRIS	OFF 1 2 3 USER		OAI: 0 OAI: 1 OAI: 2 OAI: 3 OAI: 4	QAI	0 1 2 3 4	
	DYNAMIC CONTRAST/AUTO IRIS (AUTO CONTRAST)	OFF 1 255		OAI: A000 OAI: A001 OAI: A255	QAI: A	000 001 255	
	DYNAMIC CONTRAST (BRIGHT SIGNAL LEVEL)	6% 50%		VXX: DYCI 1=+00006 VXX: DYCI 1=+00050	QVX: DYCI 1	00006 00050	
	DYNAMIC CONTRAST (LIGHTS OUT TIMER)	DISABLE 0.0s 10.0s		VXX: DYCS2=OFF VXX: DYCS2=0. 0 VXX: DYCS2=10. 0	QVX: DYCS2	OFF 0. 0 10. 0	
	DYNAMIC CONTRAST (LIGHTS OUT TIMER)	0 5		VXX: DYCI 3=+00000 VXX: DYCI 3=+00005	QVX: DYCI 3	00000 00005	
	DYNAMIC CONTRAST/MANUAL IRIS (MANUAL INTENSITY)	OFF 1 255		OAI: M000 OAI: M001 OAI: M255	QAI: M	000 001 255	
	DYNAMIC CONTRAST (DYNAMIC GAMMA)	OFF 1 2 3		OAI: D0 OAI: D1 OAI: D2 OAI: D3	QAI: D	0 1 2 3	
	COLOR SPACE	NATIVE ITU-709 DCI-P3 ITU2020		VXX: CSPI 1=+00000 VXX: CSPI 1=+00001 VXX: CSPI 1=+00002 VXX: CSPI 1=+00003	QVX: CSPI 1	CSPI 1=+00000 CSPI 1=+00001 CSPI 1=+00002 CSPI 1=+00003	
	TV-SYSTEM	AUTO AUTO1 AUTO2 NTSC NTSC4.43 PAL PAL-M PAL-N PAL60 SECAM		VSG: AUT VSG: AT1 VSG: AT2 VSG: NTS VSG: N44 VSG: PAL VSG: PAM VSG: PAN VSG: P60 VSG: SEC	QSG	AUT AT1 AT2 NTS N44 PAL PAM PAN P60 SEC	
	RGB/YpBpR	RGB YpBpR AUTO		ORF: 0 ORF: 1 ORF: 2	QRF	0 1 2	
	SYSTEM SELECTOR RGB(VGA/480P)	VGA60 480P(YCbCr) 480p(RGB)		ORF: 0 ORF: 1 ORF: 3	QRF	0 1 3	
	SYSTEM SELECTOR RGB(Other)/DVI/SLOT-DVI	RGB YpBpR		ORF: 0 ORF: 1	QRF	0 1	
	SYSTEM SELECTOR HDMI/DIGITAL LINK/SLOT-HDMI	RGB YpBpR AUTO		ORF: 0 ORF: 1 ORF: 2	QRF	0 1 2	
	SYSTEM SELECTOR-SDI1 (SINGLE)	AUTO 480i YCbCr 576i YCbCr 1080/60i YpBpR 1035/60i YpBpR 720/60p YpBpR 1080/24p YpBpR 1080/50i YpBpR 1080/30p YpBpR 1080/25p YpBpR 1080/24sF YpBpR 720/50p YpBpR 1080/50p YpBpR 1080/60p YpBpR 1080/24p RGB 1080/24sF RGB 1080/25p RGB 1080/30p RGB 1080/50i RGB 1080/60i RGB 2K25p RGB 2K/30p RGB		VSD: 0 VSD: 1 VSD: 3 VSD: 4 VSD: 5 VSD: 6 VSD: 7 VSD: 8 VSD: 9 VSD: 10 VSD: 11 VSD: 12 VSD: 15 VSD: 16 VSD: 21 VSD: 22 VSD: 23 VSD: 24 VSD: 25 VSD: 26 VSD: 33 VSD: 34	QSD	0 1 3 4 5 6 7 8 9 10 11 12 15 16 21 22 23 24 25 26 33 34	
	SYSTEM SELECTOR-SDI2 (SINGLE)	AUTO 480i YCbCr 576i YCbCr 1080/60i YpBpR 1035/60i YpBpR 720/60p YpBpR 1080/24p YpBpR 1080/50i YpBpR 1080/30p YpBpR 1080/25p YpBpR 1080/24sF YpBpR 720/50p YpBpR 1080/50p YpBpR 1080/60p YpBpR 1080/24p RGB 1080/24sF RGB 1080/25p RGB 1080/30p RGB 1080/50i RGB 1080/60i RGB 2K25p RGB 2K/30p RGB		VSD: 0 VSD: 1 VSD: 3 VSD: 4 VSD: 5 VSD: 6 VSD: 7 VSD: 8 VSD: 9 VSD: 10 VSD: 11 VSD: 12 VSD: 15 VSD: 16 VSD: 21 VSD: 22 VSD: 23 VSD: 24 VSD: 25 VSD: 26 VSD: 33 VSD: 34	QSD	0 1 3 4 5 6 7 8 9 10 11 12 15 16 21 22 23 24 25 26 33 34	
	SYSTEM SELECTOR-SDI (DUAL)	AUTO 1080/50p YpBpR 1080/60p YpBpR 1080/24p RGB 1080/24sF RGB 1080/25p RGB		VSD: 0 VSD: 15 VSD: 16 VSD: 21 VSD: 22 VSD: 23	QSD	0 15 16 21 22 23	

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				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R	
		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		
		CONTRAST-R	-32 +32		VC1: - 032 VC1: 0032	QC1	- 32 032	
		CONTRAST-G	-32 +32		VC2: - 032 VC2: 0032	QC2	- 32 032	
		CONTRAST-B	-32 +32		VC3: - 032 VC3: 0032	QC3	- 32 032	
		BRIGHTNESS-R	-32 +32		VB1: - 032 VB1: 0032	QB1	- 32 032	
		BRIGHTNESS-G	-32 +32		VB2: - 032 VB2: 0032	QB2	- 32 032	
		BRIGHTNESS-B	-32 +32		VB3: - 032 VB3: 0032	QB3	- 32 032	
	DIMMER	0 +100		VXX: DI MI 1=+00000 VXX: DI MI 1=+00100	QVX: DI MI 1	DI MI 1=+00000 DI MI 1=+00100		
	DIMMER	-200 +200		VXX: DI MI 2=- 00200 VXX: DI MI 2=+00200				
POSITION	REAL TIME KEYSTONE	OFF ON		OAK: 0 OAK: 1	QAK	0 1		
	KEYSTONE	-32 +32		OKS: - 32 OKS: 032	QKS	- 32 032		
	KEYSTONE	-127 +127		OKS: 000 OKS: 254	QKS	000 254		
	KEYSTONE-SUB KEYSTONE	-63 +63		OSK: 000 OSK: 126	QSK	000 126		
	KEYSTONE-LINEARITY	-127 +127		VLI: 000 VLI: 254	QLI	000 254		
	KEYSTONE-LENS THROW RATIO	0.9 1.4 2.3		VXX: GMKSO=0. 9 VXX: GMKSO=1. 4 VXX: GMKSO=2. 3	QVX: GMKSO	GMKSO=00. 9 GMKSO=01. 4 GMKSO=02. 3		
	KEYSTONE-HORIZONTAL	-60 +60		VXX: GMKI 5=- 00060 VXX: GMKI 5=+00060	QVX: GMKI 5	GMKI 5=- 00060 GMKI 5=+00060		
	KEYSTONE-VERTICAL	min. max.		VXX: GMKI 1=- 00060 VXX: GMKI 1=+00060	QVX: GMKI 1	GMKI 1=- 00060 GMKI 1=+00060		
	KEYSTONE-HORIZONTAL (Related value)	-120 +120		VXX: KSHI 1=- 00120 VXX: KSHI 1=+00120				
	KEYSTONE-VERTICAL (Related Value)	-160 +160		VXX: KSVI 1=- 00160 VXX: KSVI 1=+00160				
	CURVED CORRECTION-LENS THROW RATIO	0.9 1.4 2.3		VXX: GMCS5=0. 9 VXX: GMCS5=1. 4 VXX: GMCS5=2. 3	QVX: GMCS5	GMCS5=00. 9 GMCS5=01. 4 GMCS5=02. 3		
	CURVED CORRECTION-KEYSTONE-HORIZ.	-60 +60		VXX: GMCI 5=- 00060 VXX: GMCI 5=+00060	QVX: GMCI 5	GMCI 5=- 00060 GMCI 5=+00060		
	CURVED CORRECTION-KEYSTONE-VERT.	-50 +50		VXX: GMCI 1=- 00050 VXX: GMCI 1=+00050	QVX: GMCI 1	GMCI 1=- 00050 GMCI 1=+00050		
	CURVED CORRECTION-HORIZONTAL ARC.	-40 +40		VXX: GMCI 7=- 00040 VXX: GMCI 7=+00040	QVX: GMCI 7	GMCI 7=- 00040 GMCI 7=+00040		
	CURVED CORRECTION-VERTICAL ARC	-40 +40		VXX: GMCI 3=- 00040 VXX: GMCI 3=+00040	QVX: GMCI 3	GMCI 3=- 00040 GMCI 3=+00040		
	GEOMETRY	OFF KEYSTONE CURVED PC-1 PC-2 PC-3 CORNER-CORRECTION		VXX: GMMI 0=+00000 VXX: GMMI 0=+00001 VXX: GMMI 0=+00002 VXX: GMMI 0=+00003 VXX: GMMI 0=+00004 VXX: GMMI 0=+00005 VXX: GMMI 0=+00010	QVX: GMMI 0	GMMI 0=+00000 GMMI 0=+00001 GMMI 0=+00002 GMMI 0=+00003 GMMI 0=+00004 GMMI 0=+00005 GMMI 0=+00010		
	GEOMETRY-KEYSTONE-LENS THROW RATIO	0.7 16.5		VXX: GMKSO=+00. 7 VXX: GMKSO=+16. 5	QVX: GMKSO	GMKSO=+00. 7 GMKSO=+16. 5		
	GEOMETRY-KEYSTONE-VERTICAL BALANCE	-60 +60		VXX: GMKI 4=- 00060 VXX: GMKI 4=+00060	QVX: GMKI 4	GMKI 4=- 00060 GMKI 4=+00060		
	GEOMETRY-KEYSTONE-HORIZONTAL BALANCE	-30 +30		VXX: GMKI 7=- 00030 VXX: GMKI 7=+00030	QVX: GMKI 7	GMKI 7=- 00030 GMKI 7=+00030		
	GEOMETRY-KEYSTONE-VERTICAL KEYSTONE	-40.0 (-45.0)* +40.0 (+45.0)*	0.2 step	VXX: GMKS8=- 40. 0 VXX: GMKS8=+40. 0	QVX: GMKS8	GMKS8=- 40. 0 GMKS8=+40. 0		
	GEOMETRY-KEYSTONE-HORIZONTAL KEYSTONE	-15.0 (-40.0)* +15.0 (+40.0)*	0.2 step	VXX: GMKS9=- 15. 0 VXX: GMKS9=+15. 0	QVX: GMKS9	GMKS9=- 15. 0 GMKS9=+15. 0		
	GEOMETRY-CURVED-LENS THROW RATIO	0.7 16.5		VXX: GMCS0=+00. 7 VXX: GMCS0=+16. 5	QVX: GMCS0	GMCS0=+00. 7 GMCS0=+16. 5		
	GEOMETRY-CURVED-VERTICAL ARC	-50 (-100)* +50 (+100)*		VXX: GMCI 3=- 00050 VXX: GMCI 3=+00050	QVX: GMCI 3	GMCI 3=- 00050 GMCI 3=+00050		
	GEOMETRY-CURVED-HORIZONTAL ARC	-50 (-100)* +50 (+100)*		VXX: GMCI 7=- 00050 VXX: GMCI 7=+00050	QVX: GMCI 7	GMCI 7=- 00050 GMCI 7=+00050		
	GEOMETRY-CURVED-VERTICAL BALANCE	-60 +60		VXX: GMCI 2=- 00060 VXX: GMCI 2=+00060	QVX: GMCI 2	GMCI 2=- 00060 GMCI 2=+00060		
	GEOMETRY-CURVED-HORIZONTAL BALANCE	-30 +30		VXX: GMCI 6=- 00030 VXX: GMCI 6=+00030	QVX: GMCI 6	GMCI 6=- 00030 GMCI 6=+00030		
	GEOMETRY-CURVED-VERTICAL KEYSTONE	-40.0 (-45.0)* +40.0 (+45.0)*	0.2 step	VXX: GMCS8=- 40. 0 VXX: GMCS8=+40. 0	QVX: GMCS8	GMCS8=- 40. 0 GMCS8=+40. 0		
	GEOMETRY-CURVED-HORIZONTAL KEYSTONE	-15.0 (-40.0)* +15.0 (+40.0)*	0.2 step	VXX: GMCS9=- 15. 0 VXX: GMCS9=+15. 0	QVX: GMCS9	GMCS9=- 15. 0 GMCS9=+15. 0		
	GEOMETRY-CURVED-MAINTAIN ASPECT RATIO	OFF ON		VXX: GMCI A=+00000 VXX: GMCI A=+00001	QVX: GMCI A	GMCI A=+00000 GMCI A=+00001		
	GEOMETRY-CORNER CORRECTION-UPPER LEFT(V)	min. max.		VXX: GMFI 1=+00000 VXX: GMFI 1=+00300	QVX: GMFI 1	GMFI 1=+00000 GMFI 1=+00300		
	GEOMETRY-CORNER CORRECTION-UPPER RIGHT(V)	min. max.		VXX: GMFI 2=+00000 VXX: GMFI 2=+00300	QVX: GMFI 2	GMFI 2=+00000 GMFI 2=+00300		
	GEOMETRY-CORNER CORRECTION-LOWER LEFT(V)	min. max.		VXX: GMFI 3=- 00300 VXX: GMFI 3=+00000	QVX: GMFI 3	GMFI 3=- 00300 GMFI 3=+00000		
	GEOMETRY-CORNER CORRECTION-LOWER RIGHT(V)	min. max.		VXX: GMFI 4=- 00300 VXX: GMFI 4=+00000	QVX: GMFI 4	GMFI 4=- 00300 GMFI 4=+00000		
	GEOMETRY-CORNER CORRECTION-LINEARITY(V)	min. max.		VXX: GMFI 5=- 00127 VXX: GMFI 5=+00127	QVX: GMFI 5	GMFI 5=- 00127 GMFI 5=+00127		
	GEOMETRY-CORNER CORRECTION-UPPER LEFT(H)	min. max.		VXX: GMFI 6=+00000 VXX: GMFI 6=+00480	QVX: GMFI 6	GMFI 6=+00000 GMFI 6=+00480		
	GEOMETRY-CORNER CORRECTION-UPPER RIGHT(H)	min. max.		VXX: GMFI 7=- 00480 VXX: GMFI 7=+00000	QVX: GMFI 7	GMFI 7=- 00480 GMFI 7=+00000		
	GEOMETRY-CORNER CORRECTION-LOWER LEFT(H)	min. max.		VXX: GMFI 8=+00000 VXX: GMFI 8=+00480	QVX: GMFI 8	GMFI 8=+00000 GMFI 8=+00480		
	GEOMETRY-CORNER CORRECTION-LOWER RIGHT(H)	min. max.		VXX: GMFI 9=- 00480 VXX: GMFI 9=+00000	QVX: GMFI 9	GMFI 9=- 00480 GMFI 9=+00000		
	GEOMETRY-CORNER CORRECTION-LINEARITY(H)	min. max.		VXX: GMFI A=- 00127 VXX: GMFI A=+00127	QVX: GMFI A	GMFI A=- 00127 GMFI A=+00127		

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES	
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R	
	SHIFT-HORIZONTAL	-127 +127		VHP: - 127 VHP: 0127	QHP	- 127 0127		
	SHIFT-HORIZONTAL	0 +4095		VTH: 0000 VTH: 4095	QTH	0000 4095		
	SHIFT-VERTICAL	-127 +127		VVP: - 127 VVP: 0127	QVP	- 127 0127		
	SHIFT-VERTICAL	0 +4094		VTV: 0000 VTV: 4094	QTV	0000 4094		
	OVER SCAN	0% 3% 5% 7%		MOV: 0 MOV: 1 MOV: 2 MOV: 3	QOV	0 1 2 3		
	DOT CLOCK	-32 +32		VDC: - 32 VDC: 032	QDC	- 32 032		
	CLOCK PHASE	-16 +16		VCP: - 16 VCP: 016	QCP	- 16 016		
	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		
	FRAME LOCK	OFF ON		VFL: 0 VFL: 1	QFL	0 1		
	ADVANCED	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	
		BLANKING-LOWER	min. max.		DBB: 000 DBB: 2398	QLB	000 2398	
		BLANKING-RIGHT	min. max.		DBR: 000 DBR: 3838	QLR	000 3838	
		BLANKING-LEFT	min. max.		DBL: 000 DBL: 3838	QLL	000 3838	
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: MSKI 1=+00000 VXX: MSKI 1=+00001 VXX: MSKI 1=+00002 VXX: MSKI 1=+00003	QVX: MSKI 1	MSKI 1=+00000 MSKI 1=+00001 MSKI 1=+00002 MSKI 1=+00003		
EDGE BLENDING		OFF ON USER		VXX: EDBI 0=+00000 VXX: EDBI 0=+00001 VXX: EDBI 0=+00002	QVX: EDBI 0	EDBI 0=+00000 EDBI 0=+00001 EDBI 0=+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		
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: EUWI 0=+00000 VXX: EUWI 0=+02272	QVX: EUWI 0	EUWI 0=+00000 EUWI 0=+02272		
EDGE BLENDING-WIDTH-LOWER		min. max.		VXX: EBWI 0=+00000 VXX: EBWI 0=+02272	QVX: EBWI 0	EBWI 0=+00000 EBWI 0=+02272		
EDGE BLENDING-WIDTH-LEFT		min. max.		VXX: ELWI 0=+00000 VXX: ELWI 0=+03712	QVX: ELWI 0	ELWI 0=+00000 ELWI 0=+03712		
EDGE BLENDING-WIDTH-RIGHT		min. max.		VXX: ERWI 0=+00000 VXX: ERWI 0=+03712	QVX: ERWI 0	ERWI 0=+00000 ERWI 0=+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: EBI I 1=+00000 VXX: EBI I 1=+00001	QVX: EBI I 1	EBI I 1=+00000 EBI I 1=+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: EBI I 2=+00000 VXX: EBI I 2=+00001	QVX: EBI I 2	EBI I 2=+00000 EBI I 2=+00001		
EDGE BLENDING-BLACK BORDER WIDTH-UPPER		min. max.		VJU: 0000 VJU: 2272	QJU	0000 2272		
EDGE BLENDING-BLACK BORDER WIDTH-LOWER		min. max.		VJB: 0000 VJB: 2272	QJB	0000 2272		
EDGE BLENDING-BLACK BORDER WIDTH-LEFT		min. max.		VJL: 0000 VJL: 3712	QJL	0000 3712		
EDGE BLENDING-BLACK BORDER WIDTH-RIGHT		min. max.		VJR: 0000 VJR: 3712	QJR	0000 3712		
EDGE BLENDING-BLACK BORDER WIDTH-UPPER KEYSTONE AREA		min. max.		VXX: EBBI 4=- 02272 VXX: EBBI 4=+02272	QVX: EBBI 4	EBBI 4=- 02272 EBBI 4=+02272		
EDGE BLENDING-BLACK BORDER WIDTH-LOWER KEYSTONE AREA		min. max.		VXX: EBBI 5=- 02272 VXX: EBBI 5=+02272	QVX: EBBI 5	EBBI 5=- 02272 EBBI 5=+02272		
EDGE BLENDING-BLACK BORDER WIDTH-LEFT KEYSTONE AREA		min. max.		VXX: EBBI 6=- 03712 VXX: EBBI 6=+03712	QVX: EBBI 6	EBBI 6=- 03712 EBBI 6=+03712		
EDGE BLENDING-BLACK BORDER WIDTH-RIGHT KEYSTONE AREA		min. max.		VXX: EBBI 7=- 03712 VXX: EBBI 7=+03712	QVX: EBBI 7	EBBI 7=- 03712 EBBI 7=+03712		

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		LB423 SERIES	
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R		
DISPLAY LANGUAGE	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: EBI I 3=+00000 VXX: EBI I 3=+00001	QVX: EBI I 3	EBI I 3=+00000 EBI I 3=+00001			
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LOWER	OFF ON		VXX: EBI I 4=+00000 VXX: EBI I 4=+00001	QVX: EBI I 4	EBI I 4=+00000 EBI I 4=+00001			
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LEFT INTERLOCKED	OFF ON		VXX: EBI I 5=+00000 VXX: EBI I 5=+00001	QVX: EBI I 5	EBI I 5=+00000 EBI I 5=+00001			
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-RIGHT	OFF ON		VXX: EBI I 6=+00000 VXX: EBI I 6=+00001	QVX: EBI I 6	EBI I 6=+00000 EBI I 6=+00001			
	EDGE BLENDING-AUTO TESTPATTERN	OFF ON		VXX: EATI 1=+00000 VXX: EATI 1=+00001	QVX: EATI 1	EATI 1=+00000 EATI 1=+00001			
	FRAME RESPONSE	NORMAL FAST FIXED COMPATIBLE NORMAL COMPATIBLE FAST		VXX: FDYI 0=+00000 VXX: FDYI 0=+00001 VXX: FDYI 0=+00005 VXX: FDYI 0=+00010 VXX: FDYI 0=+00011	QVX: FDYI 0	FDYI 0=+00000 FDYI 0=+00001 FDYI 0=+00005 FDYI 0=+00010 FDYI 0=+00011			
	FRAME CREATION	OFF 1 2 3		VXX: FRCI 1=+00000 VXX: FRCI 1=+00001 VXX: FRCI 1=+00002 VXX: FRCI 1=+00003	QVX: FRCI 1	FRCI 1=+00000 FRCI 1=+00001 FRCI 1=+00002 FRCI 1=+00003			
	FILM DETECTION	OFF ON		VXX: FDTI 1=+00000 VXX: FDTI 1=+00001	QVX: FDTI 1	FDTI 1=+00000 FDTI 1=+00001			
	QUAD PIXEL DRIVE	OFF ON		VXX: QPDI 1=+00000 VXX: QPDI 1=+00001	QVX: QPDI 1	QPDI 1=+00000 QPDI 1=+00001			
	RASTER POSITION-HORIZONTAL	-2048 +2047		VRH: 2952 VRH: 7047	QRH	2952 7047			
	RASTER POSITION-VERTICAL	-2048 +2047		VRV: 2952 VRV: 7047	QRV	2952 7047			
	LANGUAGE	English German French Spanish Italian Japanese Chinese Russian Korea Portuguse Swedish Norwegian Danish Polish Czech Hungarian Thai Dutch Finnish Romanian Turkish Arabic Kazakh Vietnamese		OLG: ENG OLG: DEU OLG: FRA OLG: ESP OLG: I TL OLG: JPN OLG: CHI OLG: RUS OLG: KOR OLG: POR OLG: SVE OLG: NOR OLG: DAN OLG: POL OLG: CES OLG: MAG OLG: THA OLG: NLD OLG: FIN OLG: RUM OLG: TUR OLG: ARA OLG: KAZ OLG: VIE	QLG	ENG DEU FRA ESP I TL JPN CHI RUS KOR POR SVE NOR DAN POL CES MAG THA NLD FIN RUM TUR ARA KAZ VIE			
	3D SETTINGS	3D SYSTEM SETTING	SINGLE DUAL(LEFT) DUAL(RIGHT)		VXX: DSYI 1=+00000 VXX: DSYI 1=+00001 VXX: DSYI 1=+00002	QVX: DSYI 1	DSYI 1=+00000 DSYI 1=+00001 DSYI 1=+00002		
		3D FILTER	AUTO OFF ON		VXX: DFTI 1=+00000 VXX: DFTI 1=+00001 VXX: DFTI 1=+00002	QVX: DFTI 1	DFTI 1=+00000 DFTI 1=+00001 DFTI 1=+00002		
3D SYNC SETTING		OFF 1 2 3 4 5 6 7 8 9 10 11		VXX: DSNI 1=+00000 VXX: DSNI 1=+00001 VXX: DSNI 1=+00002 VXX: DSNI 1=+00003 VXX: DSNI 1=+00004 VXX: DSNI 1=+00005 VXX: DSNI 1=+00006 VXX: DSNI 1=+00007 VXX: DSNI 1=+00008 VXX: DSNI 1=+00009 VXX: DSNI 1=+00010 VXX: DSNI 1=+00011	QVX: DSNI 1	DSNI 1=+00000 DSNI 1=+00001 DSNI 1=+00002 DSNI 1=+00003 DSNI 1=+00004 DSNI 1=+00005 DSNI 1=+00006 DSNI 1=+00007 DSNI 1=+00008 DSNI 1=+00009 DSNI 1=+00010 DSNI 1=+00011			
3D SYNC SETTING-STEREO SYNC OUTPUT DELAY		0 25000	10 step	VXX: DSNI 2=+00000 VXX: DSNI 2=+25000	QVX: DSNI 2	DSNI 2=+00000 DSNI 2=+25000			
3D SIMUL INPUT SETTING-L:RGB1/R:RGB2		OFF AUTO		VXX: DSMI 1=+00000 VXX: DSMI 1=+00002	QVX: DSMI 1	DSMI 1=+00000 DSMI 1=+00002			
3D SIMUL INPUT SETTING-L:HDMI/R:DVI-D		OFF AUTO		VXX: DSMI 2=+00000 VXX: DSMI 2=+00002	QVX: DSMI 2	DSMI 2=+00000 DSMI 2=+00002			
3D SIMUL INPUT SETTING-L:SDI1/R:SDI2		OFF AUTO		VXX: DSMI 3=+00000 VXX: DSMI 3=+00002	QVX: DSMI 3	DSMI 3=+00000 DSMI 3=+00002			
3D INPUT FORMAT		AUTO NATIVE(2D) SIMULTANEOUS SIDE BY SIDE TOP AND BOTTOM LINE BY LINE FRAME SEQUENTIAL		VXX: DI FI 1=+00000 VXX: DI FI 1=+00001 VXX: DI FI 1=+00002 VXX: DI FI 1=+00003 VXX: DI FI 1=+00004 VXX: DI FI 1=+00005 VXX: DI FI 1=+00006	QVX: DI FI 1	DI FI 1=+00000 DI FI 1=+00001 DI FI 1=+00002 DI FI 1=+00003 DI FI 1=+00004 DI FI 1=+00005 DI FI 1=+00006			
3D LEFT/RIGHT SWAP		NORMAL SWAPPED		VXX: DSWI 1=+00000 VXX: DSWI 1=+00001	QVX: DSWI 1	DSWI 1=+00000 DSWI 1=+00001			
3D COLOR MATCHING		SHARED 2D/3D SEPARATE 2D/3D		VXX: DDMI 1=+00000 VXX: DDMI 1=+00001	QVX: DDMI 1	DCMI 1=+00000 DCMI 1=+00001			
3D PICTURE BALANCE		80 120		VXX: DBAI 1=+00080 VXX: DBAI 1=+00120	QVX: DBAI 1	DBDI 1=+00080 DBAI 1=+00120			
3D PICTURE BALANCE-WHITE BALANCE HIGH RED		80 120		VXX: DBAI 2=+00080 VXX: DBAI 2=+00120	QVX: DBAI 2	DBDI 2=+00080 DBAI 2=+00120			
3D PICTURE BALANCE-WHITE BALANCE HIGH GREEN		80 120		VXX: DBAI 3=+00080 VXX: DBAI 3=+00120	QVX: DBAI 3	DBDI 3=+00080 DBAI 3=+00120			
3D PICTURE BALANCE-WHITE BALANCE HIGH BLUE		80 120		VXX: DBAI 4=+00080 VXX: DBAI 4=+00120	QVX: DBAI 4	DBDI 4=+00080 DBAI 4=+00120			
3D PICTURE BALANCE-BRIGHTNESS		-8 +8		VXX: DBAI 5=- 00008 VXX: DBAI 5=+00008	QVX: DBAI 5	DBDI 5=- 00008 DBAI 5=+00008			
3D PICTURE BALANCE-WHITE BALANCE LOW RED		-8 +8		VXX: DBAI 6=- 00008 VXX: DBAI 6=+00008	QVX: DBAI 6	DBDI 6=- 00008 DBAI 6=+00008			
3D PICTURE BALANCE-WHITE BALANCE LOW GREEN		-8 +8		VXX: DBAI 7=- 00008 VXX: DBAI 7=+00008	QVX: DBAI 7	DBDI 7=- 00008 DBAI 7=+00008			
3D PICTURE BALANCE-WHITE BALANCE LOW BLUE		-8 +8		VXX: DBAI 8=- 00008 VXX: DBAI 8=+00008	QVX: DBAI 8	DBDI 8=- 00008 DBAI 8=+00008			
3D PICTURE BALANCE-COLOR		80 120		VXX: DBAI 9=+00080 VXX: DBAI 9=+00120	QVX: DBAI 9	DBDI 9=+00080 DBAI 9=+00120			
3D PICTURE BALANCE-TINT		-8		VXX: DBAI A=- 00008	QVX: DBAI A	DBDI A=- 00008			

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R
	BACKUP INPUT SETTING-BACKUP INPUT MODE	OFF ON/1 2 3 4		VXX: BACI 2=+00000 VXX: BACI 2=+00001 VXX: BACI 2=+00002 VXX: BACI 2=+00003 VXX: BACI 2=+00004	QVX: BACI 2	BACI 2=+00000 BACI 2=+00001 BACI 2=+00002 BACI 2=+00003 BACI 2=+00004	
	BACKUP INPUT SETTING-BACKUP INPUT MODE (OPTION SLOT)	OFF SDI1 / SDI2 SDI1 (SLOT1) / SDI2 (SLOT1) HDMI1 (SLOT1) / HDMI2 (SLOT1) DVI1 (SLOT1) / DVI2 (SLOT1) SDI3 (SLOT2) / SDI4 (SLOT2) HDMI3 (SLOT2) / HDMI4 (SLOT2) DVI3 (SLOT2) / DVI4 (SLOT2) SDI1-2 / SDI3-4 SDI1-2 (SLOT1) / SDI3-4 (SLOT2) HDMI1-2 (SLOT1) / HDMI3-4 (SLOT2) DVI1-2 (SLOT1) / DVI3-4 (SLOT2) SDI1-2-3-4 (Onboard) / SDI1-2-3-4 (SLOT)		VXX: BACI 6=+00000 VXX: BACI 6=+00001 VXX: BACI 6=+00011 VXX: BACI 6=+00012 VXX: BACI 6=+00013 VXX: BACI 6=+00021 VXX: BACI 6=+00022 VXX: BACI 6=+00023 VXX: BACI 6=+00100 VXX: BACI 6=+00101 VXX: BACI 6=+00102 VXX: BACI 6=+00103 VXX: BACI 6=+01000	QVX: BACI 6	BACI 6=+00000 BACI 6=+00001 BACI 6=+00011 BACI 6=+00012 BACI 6=+00013 BACI 6=+00021 BACI 6=+00022 BACI 6=+00023 BACI 6=+00100 BACI 6=+00101 BACI 6=+00102 BACI 6=+00103 BACI 6=+01000	
	BACKUP INPUT SETTING-AUTOMATIC SWITCHING	DISABLE ENABLE		VXX: BACI 3=+00001 VXX: BACI 3=+00002	QVX: BACI 3	BACI 3=+00001 BACI 3=+00002	
	BACKUP INPUT SETTING-BACKUP INPUT STATUS	INACTIVE ACTIVE			QVX: BACI 4	BACI 4=+00000 BACI 4=+00001	
	SIMUL INPUT SETTING - RGB IN	OFF AUTO (3D)		VXX: SIMI 1=+00000 VXX: SIMI 1=+00002	QVX: SIMI 1	SIMI 1=+00000 SIMI 1=+00002	
	SIMUL INPUT SETTING - HDMI/DVI IN	OFF AUTO (2D) AUTO (3D)		VXX: SIMI 2=+00000 VXX: SIMI 2=+00001 VXX: SIMI 2=+00002	QVX: SIMI 2	SIMI 2=+00000 SIMI 2=+00001 SIMI 2=+00002	
	SIMUL INPUT SETTING - SDI IN	OFF AUTO (2D) AUTO (3D)		VXX: SIMI 3=+00000 VXX: SIMI 3=+00001 VXX: SIMI 3=+00002	QVX: SIMI 3	SIMI 3=+00000 SIMI 3=+00001 SIMI 3=+00002	
	SIMUL INPUT SETTING - SDI IN (SDI In/Slot In 対応)	OFF AUTO (x2 speed) AUTO (x4 speed)		VXX: SMLI 1=+00000 VXX: SMLI 1=+00011 VXX: SMLI 1=+00012	QVX: SMLI 1	SMLI 1=+00000 SMLI 1=+00011 SMLI 1=+00012	
	SIMUL INPUT SETTING - SLOT IN (SDI In/Slot In 対応)	OFF AUTO (x2 speed) AUTO (x4 speed)		VXX: SMLI 2=+00000 VXX: SMLI 2=+00011 VXX: SMLI 2=+00012	QVX: SMLI 2	SMLI 2=+00000 SMLI 2=+00011 SMLI 2=+00012	
	RGB IN-RGB1 INPUT SETTING	RGB/YPBPR Y/C VIDEO		VXX: RYCI 1=+00000 VXX: RYCI 1=+00001 VXX: RYCI 1=+00002	QVX: RYCI 1	RYCI 1=+00000 RYCI 1=+00001 RYCI 1=+00002	
	RGB IN-RGB1 SYNC SLICE LEVEL	LOW HIGH		VXX: STRI 0=+00000 VXX: STRI 0=+00001	QVX: STRI 0	STRI 0=+00000 STRI 0=+00001	
	RGB IN-RGB1 EDID MODE	DEFAULT SCREEB FIT USER		VXX: EDM1 7=+00000 VXX: EDM1 7=+00001 VXX: EDM1 7=+00010	QVX: EDM1 7	EDM1 7=+00000 EDM1 7=+00001 EDM1 7=+00010	
	RGB IN-RGB1 EDID RESOLUTION	1024x768p 1280x720p 1280x768p 1280x800p 1280x1024p 1366x768p 1400x1050p 1440x900p 1600x900p 1600x1200p 1680x1050p 1920x1080p 1920x1080i 1920x1200p		VXX: EDRS7=1024: 0768: p VXX: EDRS7=1280: 0720: p VXX: EDRS7=1280: 0768: p VXX: EDRS7=1280: 0800: p VXX: EDRS7=1280: 1024: p VXX: EDRS7=1366: 0768: p VXX: EDRS7=1400: 1050: p VXX: EDRS7=1440: 0900: p VXX: EDRS7=1600: 0900: p VXX: EDRS7=1600: 1200: p VXX: EDRS7=1680: 1050: p VXX: EDRS7=1920: 1080: p VXX: EDRS7=1920: 1080: i VXX: EDRS7=1920: 1200: p	QVX: EDRS1	EDRS7=1024: 0768: p EDRS7=1280: 0720: p EDRS7=1280: 0768: p EDRS7=1280: 0800: p EDRS7=1280: 1024: p EDRS7=1366: 0768: p EDRS7=1400: 1050: p EDRS7=1440: 0900: p EDRS7=1600: 0900: p EDRS7=1600: 1200: p EDRS7=1680: 1050: p EDRS7=1920: 1080: p EDRS7=1920: 1080: i EDRS7=1920: 1200: p	
	RGB IN-RGB1 EDID VERTICAL SCAN FREQUENCY	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz		VXX: EDVI 7=+06000 VXX: EDVI 7=+05000 VXX: EDVI 7=+04800 VXX: EDVI 7=+03000 VXX: EDVI 7=+02500 VXX: EDVI 7=+02400	QVX: EDVI 7	EDVI 7=+06000 EDVI 7=+05000 EDVI 7=+04800 EDVI 7=+03000 EDVI 7=+02500 EDVI 7=+02400	
	RGB IN-RGB2 SYNC SLICE LEVEL	LOW HIGH		VXX: STRI 1=+00000 VXX: STRI 1=+00001	QVX: STRI 1	STRI 1=+00000 STRI 1=+00001	
	RGB IN-RGB2 EDID MODE	DEFAULT SCREEB FIT USER		VXX: EDM1 1=+00000 VXX: EDM1 1=+00001 VXX: EDM1 1=+00010	QVX: EDM1 1	EDM1 1=+00000 EDM1 1=+00001 EDM1 1=+00010	
	RGB IN-RGB2 EDID RESOLUTION	1024x768p 1280x720p 1280x768p 1280x800p 1280x1024p 1366x768p 1400x1050p 1440x900p 1600x900p 1600x1200p 1680x1050p 1920x1080p 1920x1080i 1920x1200p		VXX: EDRS1=1024: 0768: p VXX: EDRS1=1280: 0720: p VXX: EDRS1=1280: 0768: p VXX: EDRS1=1280: 0800: p VXX: EDRS1=1280: 1024: p VXX: EDRS1=1366: 0768: p VXX: EDRS1=1400: 1050: p VXX: EDRS1=1440: 0900: p VXX: EDRS1=1600: 0900: p VXX: EDRS1=1600: 1200: p VXX: EDRS1=1680: 1050: p VXX: EDRS1=1920: 1080: p VXX: EDRS1=1920: 1080: i VXX: EDRS1=1920: 1200: p	QVX: EDRS1	EDRS1=1024: 0768: p EDRS1=1280: 0720: p EDRS1=1280: 0768: p EDRS1=1280: 0800: p EDRS1=1280: 1024: p EDRS1=1366: 0768: p EDRS1=1400: 1050: p EDRS1=1440: 0900: p EDRS1=1600: 0900: p EDRS1=1600: 1200: p EDRS1=1680: 1050: p EDRS1=1920: 1080: p EDRS1=1920: 1080: i EDRS1=1920: 1200: p	
	RGB IN-RGB2 EDID VERTICAL SCAN FREQUENCY	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz		VXX: EDVI 1=+06000 VXX: EDVI 1=+05000 VXX: EDVI 1=+04800 VXX: EDVI 1=+03000 VXX: EDVI 1=+02500 VXX: EDVI 1=+02400	QVX: EDVI 1	EDVI 1=+06000 EDVI 1=+05000 EDVI 1=+04800 EDVI 1=+03000 EDVI 1=+02500 EDVI 1=+02400	
	DVI-D IN-EDID	EDID1 EDID2(PC) EDID3		OED: 1 OED: 2 OED: 3	QED	1 2 3	
	DVI-D IN-SIGNAL LEVEL	0-255 PC 15-235 AUTO		VXX: DVII 0=+00000 VXX: DVII 0=+00001 VXX: DVII 0=+00002	QVX: DVII 0	DVII 0=+00000 DVII 0=+00001 DVII 0=+00002	
	DVI-D IN-EDID MODE	DEFAULT SCREEN FIT USER		VXX: EDM1 2=+00000 VXX: EDM1 2=+00001 VXX: EDM1 2=+00010	QVX: EDM1 0	EDM1 2=+00000 EDM1 2=+00001 EDM1 2=+00010	
	DVI-D IN-EDID RESOLUTION	1024x768p 1280x720p 1280x768p 1280x800p 1280x1024p 1366x768p 1400x1050p 1440x900p 1600x900p 1600x1200p 1680x1050p 1920x1080p 1920x1080i 1920x1200p		VXX: EDRS2=1024: 0768: p VXX: EDRS2=1280: 0720: p VXX: EDRS2=1280: 0768: p VXX: EDRS2=1280: 0800: p VXX: EDRS2=1280: 1024: p VXX: EDRS2=1366: 0768: p VXX: EDRS2=1400: 1050: p VXX: EDRS2=1440: 0900: p VXX: EDRS2=1600: 0900: p VXX: EDRS2=1600: 1200: p VXX: EDRS2=1680: 1050: p VXX: EDRS2=1920: 1080: p VXX: EDRS2=1920: 1080: i VXX: EDRS2=1920: 1200: p	QVX: EDRS2	EDRS2=1024: 0768: p EDRS2=1280: 0720: p EDRS2=1280: 0768: p EDRS2=1280: 0800: p EDRS2=1280: 1024: p EDRS2=1366: 0768: p EDRS2=1400: 1050: p EDRS2=1440: 0900: p EDRS2=1600: 0900: p EDRS2=1600: 1200: p EDRS2=1680: 1050: p EDRS2=1920: 1080: p EDRS2=1920: 1080: i EDRS2=1920: 1200: p	
	DVI-D IN-EDID VERTICAL SCAN FREQUENCY	60Hz 50Hz 48Hz		VXX: EDVI 2=+06000 VXX: EDVI 2=+05000 VXX: EDVI 2=+04800	QVX: EDVI 2	EDVI 2=+06000 EDVI 2=+05000 EDVI 2=+04800	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R
		30Hz 25Hz 24Hz		VXX: EDVI 2=+03000 VXX: EDVI 2=+02500 VXX: EDVI 2=+02400		EDVI 2=+03000 EDVI 2=+02500 EDVI 2=+02400	
	HDMI IN-SIGNAL LEVEL	0-1023 64-940 AUTO		VXX: HSLI 0=+00000 VXX: HSLI 0=+00001 VXX: HSLI 0=+00002	QVX: HSLI 0	HSLI 0=+00000 HSLI 0=+00001 HSLI 0=+00002	
	HDMI IN-EDID MODE	DEFAULT SCREEN FIT USER		VXX: EDM1 3=+00000 VXX: EDM1 3=+00001 VXX: EDM1 3=+00010	QVX: EDM1 3	EDM1 3=+00000 EDM1 3=+00001 EDM1 3=+00010	
	HDMI IN-EDID RESOLUTION	1024x768p 1280x720p 1280x768p 1280x800p 1280x1024p 1366x768p 1400x1050p 1440x900p 1600x900p 1600x1200p 1680x1050p 1920x1080p 1920x1080i 1920x1200p		VXX: EDRS3=1024: 0768: p VXX: EDRS3=1280: 0720: p VXX: EDRS3=1280: 0768: p VXX: EDRS3=1280: 0800: p VXX: EDRS3=1280: 1024: p VXX: EDRS3=1366: 0768: p VXX: EDRS3=1400: 1050: p VXX: EDRS3=1440: 0900: p VXX: EDRS3=1600: 0900: p VXX: EDRS3=1600: 1200: p VXX: EDRS3=1680: 1050: p VXX: EDRS3=1920: 1080: p VXX: EDRS3=1920: 1080: i VXX: EDRS3=1920: 1200: p	QVX: EDRS3	EDRS3=1024: 0768: p EDRS3=1280: 0720: p EDRS3=1280: 0768: p EDRS3=1280: 0800: p EDRS3=1280: 1024: p EDRS3=1366: 0768: p EDRS3=1400: 1050: p EDRS3=1440: 0900: p EDRS3=1600: 0900: p EDRS3=1600: 1200: p EDRS3=1680: 1050: p EDRS3=1920: 1080: p EDRS3=1920: 1080: i EDRS3=1920: 1200: p	
	HDMI IN-EDID VERTICAL SCAN FREQUENCY	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz		VXX: EDVI 3=+06000 VXX: EDVI 3=+05000 VXX: EDVI 3=+04800 VXX: EDVI 3=+03000 VXX: EDVI 3=+02500 VXX: EDVI 3=+02400	QVX: EDVI 3	EDVI 3=+06000 EDVI 3=+05000 EDVI 3=+04800 EDVI 3=+03000 EDVI 3=+02500 EDVI 3=+02400	
	HDMI IN-HDMI1 SIGNAL LEVEL	0-1023 64-940 AUTO		VXX: HSLI 1=+00000 VXX: HSLI 1=+00001 VXX: HSLI 1=+00002	QVX: HSLI 0	HSLI 1=+00000 HSLI 1=+00001 HSLI 1=+00002	
	HDMI IN-HDMI2 SIGNAL LEVEL	0-1023 64-940 AUTO		VXX: HSLI 2=+00000 VXX: HSLI 2=+00001 VXX: HSLI 2=+00002	QVX: HSLI 0	HSLI 2=+00000 HSLI 2=+00001 HSLI 2=+00002	
	HDMI IN-HDM2 EDID MODE	DEFAULT SCREEN FIT USER		VXX: EDM1 6=+00000 VXX: EDM1 6=+00001 VXX: EDM1 6=+00010	QVX: EDM1 3	EDM1 6=+00000 EDM1 6=+00001 EDM1 6=+00010	
	HDMI IN-HDMI2 EDID RESOLUTION	1024x768p 1280x720p 1280x768p 1280x800p 1280x1024p 1366x768p 1400x1050p 1440x900p 1600x900p 1600x1200p 1680x1050p 1920x1080p 1920x1080i 1920x1200p		VXX: EDRS6=1024: 0768: p VXX: EDRS6=1280: 0720: p VXX: EDRS6=1280: 0768: p VXX: EDRS6=1280: 0800: p VXX: EDRS6=1280: 1024: p VXX: EDRS6=1366: 0768: p VXX: EDRS6=1400: 1050: p VXX: EDRS6=1440: 0900: p VXX: EDRS6=1600: 0900: p VXX: EDRS6=1600: 1200: p VXX: EDRS6=1680: 1050: p VXX: EDRS6=1920: 1080: p VXX: EDRS6=1920: 1080: i VXX: EDRS6=1920: 1200: p	QVX: EDRS3	EDRS6=1024: 0768: p EDRS6=1280: 0720: p EDRS6=1280: 0768: p EDRS6=1280: 0800: p EDRS6=1280: 1024: p EDRS6=1366: 0768: p EDRS6=1400: 1050: p EDRS6=1440: 0900: p EDRS6=1600: 0900: p EDRS6=1600: 1200: p EDRS6=1680: 1050: p EDRS6=1920: 1080: p EDRS6=1920: 1080: i EDRS6=1920: 1200: p	
	HDMI IN-HDMI2 EDID VERTICAL SCAN FREQUENCY	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz		VXX: EDVI 6=+06000 VXX: EDVI 6=+05000 VXX: EDVI 6=+04800 VXX: EDVI 6=+03000 VXX: EDVI 6=+02500 VXX: EDVI 6=+02400	QVX: EDVI 3	EDVI 6=+06000 EDVI 6=+05000 EDVI 6=+04800 EDVI 6=+03000 EDVI 6=+02500 EDVI 6=+02400	
	DIGITAL LINK-SIGNAL LEVEL	0-1023 64-940 AUTO		VXX: DKLI 0=+00000 VXX: DKLI 0=+00001 VXX: DKLI 0=+00002	QVX: DKLI 0	DKLI 0=+00000 DKLI 0=+00001 DKLI 0=+00002	
	DIGITAL LINK-SIGNAL LEVEL	AUTO 0-1023 64-940		VXX: DKLI 1=+00000 VXX: DKLI 1=+00001 VXX: DKLI 1=+00002	QVX: DKLI 1	DKLI 1=+00000 DKLI 1=+00001 DKLI 1=+00002	
	DIGITAL LINK-EDID MODE	DEFAULT SCREEN FIT USER		VXX: EDM1 4=+00000 VXX: EDM1 4=+00001 VXX: EDM1 4=+00010	QVX: EDM1 4	EDM1 4=+00000 EDM1 4=+00001 EDM1 4=+00010	
	DIGITAL LINK-EDID RESOLUTION	1024x768p 1280x720p 1280x768p 1280x800p 1280x1024p 1366x768p 1400x1050p 1440x900p 1600x900p 1600x1200p 1680x1050p 1920x1080p 1920x1080i 1920x1200p 2048x1080p 2560x1600p		VXX: EDRS4=1024: 0768: p VXX: EDRS4=1280: 0720: p VXX: EDRS4=1280: 0768: p VXX: EDRS4=1280: 0800: p VXX: EDRS4=1280: 1024: p VXX: EDRS4=1366: 0768: p VXX: EDRS4=1400: 1050: p VXX: EDRS4=1440: 0900: p VXX: EDRS4=1600: 0900: p VXX: EDRS4=1600: 1200: p VXX: EDRS4=1680: 1050: p VXX: EDRS4=1920: 1080: p VXX: EDRS4=1920: 1080: i VXX: EDRS4=1920: 1200: p VXX: EDRS4=2048: 1080: p VXX: EDRS4=2560: 1600: p	QVX: EDRS4	EDRS4=1024: 0768: p EDRS4=1280: 0720: p EDRS4=1280: 0768: p EDRS4=1280: 0800: p EDRS4=1280: 1024: p EDRS4=1366: 0768: p EDRS4=1400: 1050: p EDRS4=1440: 0900: p EDRS4=1600: 0900: p EDRS4=1600: 1200: p EDRS4=1680: 1050: p EDRS4=1920: 1080: p EDRS4=1920: 1080: i EDRS4=1920: 1200: p EDRS4=2048: 1080: p EDRS4=2560: 1600: p	
	DIGITAL LINK-EDID VERTICAL SCAN FREQUENCY	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz		VXX: EDVI 4=+06000 VXX: EDVI 4=+05000 VXX: EDVI 4=+04800 VXX: EDVI 4=+03000 VXX: EDVI 4=+02500 VXX: EDVI 4=+02400	QVX: EDVI 4	EDVI 4=+06000 EDVI 4=+05000 EDVI 4=+04800 EDVI 4=+03000 EDVI 4=+02500 EDVI 4=+02400	
	DIGITAL LINK-EDID RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER	1024x768 1280x720 1280x768 1280x800 1280x1024 1366x768 1400x1050 1440x900 1600x900 1600x1200 1680x1050 1920x1080 1920x1200 2048x1080 2560x1600	VXX: EDLS1=*****: *: **** VXX: EDLS1=1024: 0768: *: **** VXX: EDLS1=1280: 0720: *: **** VXX: EDLS1=1280: 0768: *: **** VXX: EDLS1=1280: 0800: *: **** VXX: EDLS1=1280: 1024: *: **** VXX: EDLS1=1366: 0768: *: **** VXX: EDLS1=1400: 1050: *: **** VXX: EDLS1=1440: 0900: *: **** VXX: EDLS1=1600: 0900: *: **** VXX: EDLS1=1600: 1200: *: **** VXX: EDLS1=1680: 1050: *: **** VXX: EDLS1=1920: 1080: *: **** VXX: EDLS1=1920: 1200: *: **** VXX: EDLS1=2048: 1080: *: **** VXX: EDLS1=2560: 1600: *: ****	QVX: EDLS1	EDLS1=*****: *: **** EDLS1=1024: 0768: *: **** EDLS1=1280: 0720: *: **** EDLS1=1280: 0768: *: **** EDLS1=1280: 0800: *: **** EDLS1=1280: 1024: *: **** EDLS1=1366: 0768: *: **** EDLS1=1400: 1050: *: **** EDLS1=1440: 0900: *: **** EDLS1=1600: 0900: *: **** EDLS1=1600: 1200: *: **** EDLS1=1680: 1050: *: **** EDLS1=1920: 1080: *: **** EDLS1=1920: 1200: *: **** EDLS1=2048: 1080: *: **** EDLS1=2560: 1600: *: ****	
		* PARAMETER1	1440x900 1600x900 1600x1200 1680x1050 1920x1080 1920x1200 2048x1080 2560x1600	VXX: EDLS1=*****: p: **** VXX: EDLS1=*****: i: ****		EDLS1=*****: p: **** EDLS1=*****: i: ****	
		* PARAMETER2	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz	VXX: EDLS1=*****: *: 6000 VXX: EDLS1=*****: *: 5000 VXX: EDLS1=*****: *: 4800 VXX: EDLS1=*****: *: 3000 VXX: EDLS1=*****: *: 2500 VXX: EDLS1=*****: *: 2400		EDLS1=*****: *: 6000 EDLS1=*****: *: 5000 EDLS1=*****: *: 4800 EDLS1=*****: *: 3000 EDLS1=*****: *: 2500 EDLS1=*****: *: 2400	
	DIGITAL LINK-EDID STATUS RESOLUTION / VERTICAL SCAN	* PARAMETER	1024x768		QVX: ESLS1	ESLS1=*****: *: **** ESLS1=1024: 0768: *: ****	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES	
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R	
	FREQUENCY	* PARAMETER1	1280x720				ESLS1=1280: 0720: *: ****	
			1280x768				ESLS1=1280: 0768: *: ****	
			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: *: ****			
2048x1080				ESLS1=2048: 1080: *: ****				
2560x1600				ESLS1=2560: 1600: *: ****				
		* PARAMETER2	Progressive Interlace			ESLS1=*****: p: ****		
						ESLS1=*****: i: ****		
		* PARAMETER3	60Hz			ESLS1=*****: *: 6000		
			50Hz			ESLS1=*****: *: 5000		
			48Hz			ESLS1=*****: *: 4800		
			30Hz			ESLS1=*****: *: 3000		
			25Hz			ESLS1=*****: *: 2500		
			24Hz			ESLS1=*****: *: 2400		
	DIGITAL LINK-EDID SELECT (SINGLE LINK)	EDID1:4K/60p EDID2:4K/30p EDID3:2K		VXX: LESI 1=+00000 VXX: LESI 1=+00001 VXX: LESI 1=+00002	QVX: LESI 1	LESI 1=+00000 LESI 1=+00001 LESI 1=+00002		
	SDI IN-SIGNAL LEVEL	64-940 4-1019		OED: SDI - LEVEL0 OED: SDI - LEVEL1	QED: SDI - LEVEL	0 1		
	SDI IN-SIGNAL LEVEL (SDI1)	64-940 4-1019		VXX: SSLI 1=+00000 VXX: SSLI 1=+00001	QVX: SSLI 1	SSLI 1=+00000 SSLI 1=+00001		
	SDI IN-SIGNAL LEVEL (SDI2)	64-940 4-1019		VXX: SSLI 2=+00000 VXX: SSLI 2=+00001	QVX: SSLI 2	SSLI 2=+00000 SSLI 2=+00001		
	SDI IN-SIGNAL LEVEL (DUAL LINK 1 : SDI1+2)	64-940 4-1019		VXX: SSLI 3=+00000 VXX: SSLI 3=+00001	QVX: SSLI 3	SSLI 3=+00000 SSLI 3=+00001		
	SDI IN-SIGNAL LEVEL (SDI3)	64-940 4-1019		VXX: SSLI 4=+00000 VXX: SSLI 4=+00001	QVX: SSLI 4	SSLI 4=+00000 SSLI 4=+00001		
	SDI IN-SIGNAL LEVEL (SDI4)	64-940 4-1019		VXX: SSLI 5=+00000 VXX: SSLI 5=+00001	QVX: SSLI 5	SSLI 5=+00000 SSLI 5=+00001		
	SDI IN-SIGNAL LEVEL (DUAL LINK 2 : SDI3+4)	64-940 4-1019		VXX: SSLI 6=+00000 VXX: SSLI 6=+00001	QVX: SSLI 6	SSLI 6=+00000 SSLI 6=+00001		
	SDI IN-SIGNAL LEVEL (QUAD LINK)	64-940 4-1019		VXX: SSLI 7=+00000 VXX: SSLI 7=+00001	QVX: SSLI 7	SSLI 7=+00000 SSLI 7=+00001		
	SDI IN-BIT DEPTH (SDI1)	AUTO 12-bit 10-bit		VXX: SBTI 1=+00000 VXX: SBTI 1=+00001 VXX: SBTI 1=+00002	QVX: SBTI 1	SBTI 1=+00000 SBTI 1=+00001 SBTI 1=+00002		
	SDI IN-BIT DEPTH (SDI2)	AUTO 12-bit 10-bit		VXX: SBTI 2=+00000 VXX: SBTI 2=+00001 VXX: SBTI 2=+00002	QVX: SBTI 2	SBTI 2=+00000 SBTI 2=+00001 SBTI 2=+00002		
	SDI IN-BIT DEPTH (DUAL LINK 1 : SDI1+2)	AUTO 12-bit 10-bit		VXX: SBTI 3=+00000 VXX: SBTI 3=+00001 VXX: SBTI 3=+00002	QVX: SBTI 3	SBTI 3=+00000 SBTI 3=+00001 SBTI 3=+00002		
	SDI IN-BIT DEPTH (SDI3)	AUTO 12-bit 10-bit		VXX: SBTI 4=+00000 VXX: SBTI 4=+00001 VXX: SBTI 4=+00002	QVX: SBTI 4	SBTI 4=+00000 SBTI 4=+00001 SBTI 4=+00002		
	SDI IN-BIT DEPTH (SDI4)	AUTO 12-bit 10-bit		VXX: SBTI 5=+00000 VXX: SBTI 5=+00001 VXX: SBTI 5=+00002	QVX: SBTI 5	SBTI 5=+00000 SBTI 5=+00001 SBTI 5=+00002		
	SDI IN-BIT DEPTH (DUAL LINK 2 : SDI3+4)	AUTO 12-bit 10-bit		VXX: SBTI 6=+00000 VXX: SBTI 6=+00001 VXX: SBTI 6=+00002	QVX: SBTI 6	SBTI 6=+00000 SBTI 6=+00001 SBTI 6=+00002		
	SDI IN-BIT DEPTH (QUAD LINK)	AUTO 12-bit 10-bit		VXX: SBTI 7=+00000 VXX: SBTI 7=+00001 VXX: SBTI 7=+00002	QVX: SBTI 7	SBTI 7=+00000 SBTI 7=+00001 SBTI 7=+00002		
	SDI IN-3G SDI MAPPING (SDI1)	AUTO LEVEL A LEVEL B		VXX: SGM1 1=+00000 VXX: SGM1 1=+00001 VXX: SGM1 1=+00002	QVX: SGM1 1	SGM1 1=+00000 SGM1 1=+00001 SGM1 1=+00002		
	SDI IN-3G SDI MAPPING (SDI2)	AUTO LEVEL A LEVEL B		VXX: SGM1 2=+00000 VXX: SGM1 2=+00001 VXX: SGM1 2=+00002	QVX: SGM1 2	SGM1 2=+00000 SGM1 2=+00001 SGM1 2=+00002		
	SDI IN-3G SDI MAPPING (SDI3)	AUTO LEVEL A LEVEL B		VXX: SGM1 3=+00000 VXX: SGM1 3=+00001 VXX: SGM1 3=+00002	QVX: SGM1 3	SGM1 3=+00000 SGM1 3=+00001 SGM1 3=+00002		
	SDI IN-3G SDI MAPPING (SDI4)	AUTO LEVEL A LEVEL B		VXX: SGM1 4=+00000 VXX: SGM1 4=+00001 VXX: SGM1 4=+00002	QVX: SGM1 4	SGM1 4=+00000 SGM1 4=+00001 SGM1 4=+00002		
	SDI IN-3G SDI MAPPING (DUAL LINK 1 : SDI1+2)	AUTO LEVEL A LEVEL B		VXX: DGM1 1=+00000 VXX: DGM1 1=+00001 VXX: DGM1 1=+00002	QVX: DGM1 1	DGM1 1=+00000 DGM1 1=+00001 DGM1 1=+00002		
	SDI IN-3G SDI MAPPING (DUAL LINK 2 : SDI3+4)	AUTO LEVEL A LEVEL B		VXX: DGM1 2=+00000 VXX: DGM1 2=+00001 VXX: DGM1 2=+00002	QVX: DGM1 2	DGM1 2=+00000 DGM1 2=+00001 DGM1 2=+00002		
	SDI IN-3G SDI MAPPING (QUAD LINK : SDI1+2+3+4)	AUTO LEVEL A LEVEL B		VXX: QGM1 1=+00000 VXX: QGM1 1=+00001 VXX: QGM1 1=+00002	QVX: QGM1 1	QGM1 1=+00000 QGM1 1=+00001 QGM1 1=+00002		
	SDI RESOLUTION	* PARAMETER		VXX: *****=+*****	QVX: *****	*****=+*****		
		* PARAMETER1	SDI1	VXX: SRSI 1=+*****		SRSI 1=+*****		
			SDI2	VXX: SRSI 2=+*****		SRSI 2=+*****		
			SDI3	VXX: SRSI 3=+*****		SRSI 3=+*****		
			SDI4	VXX: SRSI 4=+*****		SRSI 4=+*****		
			DUAL LINK 1(SDI1+2)	VXX: SRDI 1=+*****		SRDI 1=+*****		
			DUAL LINK 2(SDI3+4)	VXX: SRDI 2=+*****		SRDI 2=+*****		
			QUAD LINK (SDI1+2+3+4)	VXX: SRQI 1=+*****		SRQI 1=+*****		
		* PARAMETER2	AUTO	VXX: *****=+00000		*****=+00000		
			720x480i	VXX: *****=+00001		*****=+00001		
			720x576i	VXX: *****=+00002		*****=+00002		
			1280x720p	VXX: *****=+00003		*****=+00003		
			1920x1035i	VXX: *****=+00004		*****=+00004		
			1920x1080i	VXX: *****=+00005		*****=+00005		
			1920x1080p	VXX: *****=+00006		*****=+00006		
			1920x1080sF	VXX: *****=+00007		*****=+00007		
			2048x1080p	VXX: *****=+00009		*****=+00009		
			2048x1080sF	VXX: *****=+00010		*****=+00010		
			3840x2160p	VXX: *****=+00011		*****=+00011		
			3840x2160sF	VXX: *****=+00012		*****=+00012		
			4096x2160p	VXX: *****=+00013		*****=+00013		
			4096x2160sF	VXX: *****=+00014		*****=+00014		
	SDI 4K DIVISION - DUAL LINK 1 (SDI1+2)	AUTO SQUARE INTERLEAVE		VXX: SKDI 1=+00000 VXX: SKDI 1=+00001 VXX: SKDI 1=+00002	QVX: SKDI 1	SKDI 1=+00000 SKDI 1=+00001 SKDI 1=+00002		
	SDI 4K DIVISION - DUAL LINK 2 (SDI3+4)	AUTO SQUARE INTERLEAVE		VXX: SKDI 2=+00000 VXX: SKDI 2=+00001 VXX: SKDI 2=+00002	QVX: SKDI 2	SKDI 2=+00000 SKDI 2=+00001 SKDI 2=+00002		
	SDI 4K DIVISION - QUAD LINK (SDI1+2+3+4)	AUTO SQUARE INTERLEAVE		VXX: SKQI 1=+00000 VXX: SKQI 1=+00001 VXX: SKQI 1=+00002	QVX: SKQI 1	SKQI 1=+00000 SKQI 1=+00001 SKQI 1=+00002		
	SDI COLOR SPACE (SDI1)	AUTO		VXX: SCS1 1=+00000	QVX: SCS1 1	SCS1 1=+00000		

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R
DISPLAY OPTION		YPBPR RGB XYZ		VXX: SCSI 1=+00001 VXX: SCSI 1=+00002 VXX: SCSI 1=+00003		SCSI 1=+00001 SCSI 1=+00002 SCSI 1=+00003	
	SDI COLOR SPACE (SDI2)	AUTO YPBPR RGB XYZ		VXX: SCSI 2=+00000 VXX: SCSI 2=+00001 VXX: SCSI 2=+00002 VXX: SCSI 2=+00003	QVX: SCSI 2	SCSI 2=+00000 SCSI 2=+00001 SCSI 2=+00002 SCSI 2=+00003	
	SDI COLOR SPACE (SDI3)	AUTO YPBPR RGB XYZ		VXX: SCSI 3=+00000 VXX: SCSI 3=+00001 VXX: SCSI 3=+00002 VXX: SCSI 3=+00003	QVX: SCSI 3	SCSI 3=+00000 SCSI 3=+00001 SCSI 3=+00002 SCSI 3=+00003	
	SDI COLOR SPACE (SDI4)	AUTO YPBPR RGB XYZ		VXX: SCSI 4=+00000 VXX: SCSI 4=+00001 VXX: SCSI 4=+00002 VXX: SCSI 4=+00003	QVX: SCSI 4	SCSI 4=+00000 SCSI 4=+00001 SCSI 4=+00002 SCSI 4=+00003	
	SDI COLOR SPACE - DUAL LINK 1(SDI1+2)	AUTO YPBPR RGB XYZ		VXX: SCDI 1=+00000 VXX: SCDI 1=+00001 VXX: SCDI 1=+00002 VXX: SCDI 1=+00003	QVX: SCDI 1	SCDI 1=+00000 SCDI 1=+00001 SCDI 1=+00002 SCDI 1=+00003	
	SDI COLOR SPACE - DUAL LINK 2(SDI3+4)	AUTO YPBPR RGB XYZ		VXX: SCDI 2=+00000 VXX: SCDI 2=+00001 VXX: SCDI 2=+00002 VXX: SCDI 2=+00003	QVX: SCDI 2	SCDI 2=+00000 SCDI 2=+00001 SCDI 2=+00002 SCDI 2=+00003	
	SDI COLOR SPACE - QUAD LINK (SDI1+2+3+4)	AUTO YPBPR RGB XYZ		VXX: SCQI 1=+00000 VXX: SCQI 1=+00001 VXX: SCQI 1=+00002 VXX: SCQI 1=+00003	QVX: SCQI 1	SCQI 1=+00000 SCQI 1=+00001 SCQI 1=+00002 SCQI 1=+00003	
	SDI SAMPLING (SDI1)	AUTO 4:4:4 4:2:2		VXX: SSSI 1=+00000 VXX: SSSI 1=+00001 VXX: SSSI 1=+00002	QVX: SSSI 1	SSSI 1=+00000 SSSI 1=+00001 SSSI 1=+00002	
	SDI SAMPLING(SDI2)	AUTO 4:4:4 4:2:2		VXX: SSSI 2=+00000 VXX: SSSI 2=+00001 VXX: SSSI 2=+00002	QVX: SSSI 2	SSSI 2=+00000 SSSI 2=+00001 SSSI 2=+00002	
	SDI SAMPLING(SDI3)	AUTO 4:4:4 4:2:2		VXX: SSSI 3=+00000 VXX: SSSI 3=+00001 VXX: SSSI 3=+00002	QVX: SSSI 3	SSSI 3=+00000 SSSI 3=+00001 SSSI 3=+00002	
	SDI SAMPLING (SDI4)	AUTO 4:4:4 4:2:2		VXX: SSSI 4=+00000 VXX: SSSI 4=+00001 VXX: SSSI 4=+00002	QVX: SSSI 4	SSSI 4=+00000 SSSI 4=+00001 SSSI 4=+00002	
	SDI SAMPLING - DUAL LINK 1(SDI1+2)	AUTO 4:4:4 4:2:2		VXX: SSDI 1=+00000 VXX: SSDI 1=+00001 VXX: SSDI 1=+00002	QVX: SSDI 1	SSDI 1=+00000 SSDI 1=+00001 SSDI 1=+00002	
	SDI SAMPLING - DUAL LINK 2(SDI3+4)	AUTO 4:4:4 4:2:2		VXX: SSDI 2=+00000 VXX: SSDI 2=+00001 VXX: SSDI 2=+00002	QVX: SSDI 2	SSDI 2=+00000 SSDI 2=+00001 SSDI 2=+00002	
	SDI SAMPLING - QUAD LINK (SDI1+2+3+4)	AUTO 4:4:4 4:2:2		VXX: SSQI 1=+00000 VXX: SSQI 1=+00001 VXX: SSQI 1=+00002	QVX: SSQI 1	SSQI 1=+00000 SSQI 1=+00001 SSQI 1=+00002	
	SDI SYSTEM SELECTOR	* PARAMETER		VXX: SYSS1=*:****:*****	QVX: SYSS1=*:****	SYSS1=*:****:*****	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4 DUAL LINK 1(SDI1+2) DUAL LINK 2(SDI3+4) QUAD LINK (SDI1+2+3+4)	VXX: SYSS1=1: 1 VXX: SYSS1=1: 2 VXX: SYSS1=1: 3 VXX: SYSS1=1: 4 VXX: SYSS1=2: 12 VXX: SYSS1=2: 34 VXX: SYSS1=4: 1234		SYSS1=1: 1: ***** SYSS1=1: 2: ***** SYSS1=1: 3: ***** SYSS1=1: 4: ***** SYSS1=2: 12: ***** SYSS1=2: 13: ***** SYSS1=4: 1234: *****	
		* PARAMETER3	AUTO RGB YpPr4:4:4 YpPr4:2:2 XYZ	VXX: SYSS1=*:****:00000 VXX: SYSS1=*:****:00001 VXX: SYSS1=*:****:00002 VXX: SYSS1=*:****:00003 VXX: SYSS1=*:****:00004		SYSS1=*:****:00000 SYSS1=*:****:00001 SYSS1=*:****:00002 SYSS1=*:****:00003 SYSS1=*:****:00004	
	SDI IN - SDI LINK	SINGLE LINK DUAL LINK QUAD AUTO DUAL / DUAL DUAL / SINGLE SINGLE / DUAL		VXX: SLKI 1=+00000 VXX: SLKI 1=+00001 VXX: SLKI 1=+00002 VXX: SLKI 1=+00010 VXX: SLKI 1=+00100 VXX: SLKI 1=+00101 VXX: SLKI 1=+00102	QVX: SLKI 1	SLKI 1=+00000 SLKI 1=+00001 SLKI 1=+00002 SLKI 1=+00010 SLKI 1=+00100 SLKI 1=+00101 SLKI 1=+00102	
	SLOT - SDI IN - SDI LINK	SINGLE LINK DUAL LINK QUAD LINK AUTO DUAL / DUAL DUAL / SINGLE SINGLE / DUAL		VXX: SLKI 2=+00000 VXX: SLKI 2=+00001 VXX: SLKI 2=+00002 VXX: SLKI 2=+00010 VXX: SLKI 2=+00100 VXX: SLKI 2=+00101 VXX: SLKI 2=+00102	QVX: SLKI 2	SLKI 2=+00000 SLKI 2=+00001 SLKI 2=+00002 SLKI 2=+00010 SLKI 2=+00100 SLKI 2=+00101 SLKI 2=+00102	
	SLOT - HDMI IN - HDMI LINK	SINGLE LINK DUAL LINK QUAD LINK AUTO DUAL / DUAL DUAL / SINGLE SINGLE / DUAL		VXX: HLKI 1=+00000 VXX: HLKI 1=+00001 VXX: HLKI 1=+00002 VXX: HLKI 1=+00010 VXX: HLKI 1=+00100 VXX: HLKI 1=+00101 VXX: HLKI 1=+00102	QVX: HLKI 1	HLKI 1=+00000 HLKI 1=+00001 HLKI 1=+00002 HLKI 1=+00010 HLKI 1=+00100 HLKI 1=+00101 HLKI 1=+00102	
	SLOT - DVI IN - DVI LINK	SINGLE LINK DUAL LINK QUAD LINK AUTO DUAL / DUAL DUAL / SINGLE SINGLE / DUAL		VXX: DLKI 1=+00000 VXX: DLKI 1=+00001 VXX: DLKI 1=+00002 VXX: DLKI 1=+00010 VXX: DLKI 1=+00100 VXX: DLKI 1=+00101 VXX: DLKI 1=+00102	QVX: DLKI 1	DLKI 1=+00000 DLKI 1=+00001 DLKI 1=+00002 DLKI 1=+00010 DLKI 1=+00100 DLKI 1=+00101 DLKI 1=+00102	
	SLOT : SDI RESOLUTION	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****=+*****	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4 DUAL LINK 1(SDI1+2) DUAL LINK 2(SDI3+4) QUAD LINK (SDI1+2+3+4)	VXX: SLSS1=VXX: SRSI 1=+***** VXX: SLSS1=VXX: SRSI 2=+***** VXX: SLSS2=VXX: SRSI 1=+***** VXX: SLSS2=VXX: SRSI 2=+***** VXX: SLSS1=VXX: SRDI 1=+***** VXX: SLSS2=VXX: SRDI 1=+***** VXX: SLDS1=VXX: SRQI 1=+*****		SLSS1=SRSI 1=+***** SLSS1=SRSI 2=+***** SLSS2=SRSI 1=+***** SLSS2=SRSI 2=+***** SLSS1=SRDI 1=+***** SLSS2=SRDI 1=+***** SLDS1=SRQI 1=+*****	
		* PARAMETER3	AUTO 720x480i 720x576i 1280x720p 1920x1035i 1920x1080i 1920x1080p 1920x1080sF 2048x1080p 2048x1080sF 3840x2160p 3840x2160sF 4096x2160p 4096x2160sF	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00002 VXX: *****=VXX: *****=+00003 VXX: *****=VXX: *****=+00004 VXX: *****=VXX: *****=+00005 VXX: *****=VXX: *****=+00006 VXX: *****=VXX: *****=+00007 VXX: *****=VXX: *****=+00009 VXX: *****=VXX: *****=+00010 VXX: *****=VXX: *****=+00011 VXX: *****=VXX: *****=+00012 VXX: *****=VXX: *****=+00013 VXX: *****=VXX: *****=+00014		*****=*****=+00000 *****=*****=+00001 *****=*****=+00002 *****=*****=+00003 *****=*****=+00004 *****=*****=+00005 *****=*****=+00006 *****=*****=+00007 *****=*****=+00009 *****=*****=+00010 *****=*****=+00011 *****=*****=+00012 *****=*****=+00013 *****=*****=+00014	
	SLOT : SDI : SDI 4K DIVISION	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****=+*****	
	* PARAMETER1, 2	DUAL LINK 1(SDI1+2) DUAL LINK 2(SDI3+4) QUAD LINK (SDI1+2+3+4)	VXX: SLSS1=VXX: SKDI 1=+***** VXX: SLSS2=VXX: SKDI 1=+***** VXX: SLDS1=VXX: SKQI 1=+*****		SLSS1=SKDI 1=+***** SLSS2=SKDI 1=+***** SLDS1=SKQI 1=+*****		

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY	LB423 SERIES	
				COMMANDS	COMMANDS		CALL BACK
		* PARAMETER3	AUTO SQUARE INTERLEAVE	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00002		*****=*****=+00000 *****=*****=+00001 *****=*****=+00002	
	SLOT : SDI : SDI 3G-SDI MAPPING	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****=+*****	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4 DUAL LINK 1(SDI1+2) DUAL LINK 2(SDI3+4) QUAD LINK (SDI1+2+3+4)	VXX: SLSS1=VXX: SGMI 1=+***** VXX: SLSS1=VXX: SGMI 2=+***** VXX: SLSS2=VXX: SGMI 1=+***** VXX: SLSS2=VXX: SGMI 2=+***** VXX: SLSS1=VXX: DGMI 1=+***** VXX: SLSS2=VXX: DGMI 1=+***** VXX: SLDS1=VXX: QGMI 1=+*****		SLSS1=SGMI 1=+***** SLSS1=SGMI 2=+***** SLSS2=SGMI 1=+***** SLSS2=SGMI 2=+***** SLSS1=DGMI 1=+***** SLSS2=DGMI 1=+***** SLDS1=QGMI 1=+*****	
		* PARAMETER3	AUTO LEVEL A LEVEL B	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00002		*****=*****=+00000 *****=*****=+00001 *****=*****=+00002	
	SLOT : SDI : SDI COLOR SPACE	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****=+*****	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4 DUAL LINK 1(SDI1+2) DUAL LINK 2(SDI3+4) QUAD LINK (SDI1+2+3+4)	VXX: SLSS1=VXX: SCSCI 1=+***** VXX: SLSS1=VXX: SCSCI 2=+***** VXX: SLSS2=VXX: SCSCI 1=+***** VXX: SLSS2=VXX: SCSCI 2=+***** VXX: SLSS1=VXX: SCDI 1=+***** VXX: SLSS2=VXX: SCDI 1=+***** VXX: SLDS1=VXX: SCQI 1=+*****		SLSS1=SCSCI 1=+***** SLSS1=SCSCI 2=+***** SLSS2=SCSCI 1=+***** SLSS2=SCSCI 2=+***** SLSS1=SCDI 1=+***** SLSS2=SCDI 1=+***** SLDS1=SCQI 1=+*****	
		* PARAMETER3	AUTO YBPBR RGB XYZ	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00002 VXX: *****=VXX: *****=+00003		*****=*****=+00000 *****=*****=+00001 *****=*****=+00002 *****=*****=+00003	
	SLOT : SDI : SDI SAMPLING	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****=+*****	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4 DUAL LINK 1(SDI1+2) DUAL LINK 2(SDI3+4) QUAD LINK (SDI1+2+3+4)	VXX: SLSS1=VXX: SSSI 1=+***** VXX: SLSS1=VXX: SSSI 2=+***** VXX: SLSS2=VXX: SSSI 1=+***** VXX: SLSS2=VXX: SSSI 2=+***** VXX: SLSS1=VXX: SSDI 1=+***** VXX: SLSS2=VXX: SSDI 1=+***** VXX: SLDS1=VXX: SSQI 1=+*****		SLSS1=SSSI 1=+***** SLSS1=SSSI 2=+***** SLSS2=SSSI 1=+***** SLSS2=SSSI 2=+***** SLSS1=SSDI 1=+***** SLSS2=SSDI 1=+***** SLDS1=SSQI 1=+*****	
		* PARAMETER3	AUTO 4:4:4 4:2:2	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00002		*****=*****=+00000 *****=*****=+00001 *****=*****=+00002	
	SLOT : SDI : SDI SYSTEM SELECTOR	* PARAMETER		VXX: *****=VXX: *****=*: *****: *****	QVX: *****=QVX: *****=*: *****	*****=*****=*: *****: *****	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4 DUAL LINK 1(SDI1+2) DUAL LINK 2(SDI3+4) QUAD LINK (SDI1+2+3+4)	VXX: SLSS1=VXX: SYSS1=1: 1: ***** VXX: SLSS1=VXX: SYSS1=1: 2: ***** VXX: SLSS2=VXX: SYSS1=1: 3: ***** VXX: SLSS2=VXX: SYSS1=1: 4: ***** VXX: SLSS1=VXX: SYSS1=2: 12: ***** VXX: SLSS2=VXX: SYSS1=2: 34: ***** VXX: SLDS1=VXX: SYSS1=4: 1234: *****	QVX: SLSS1=QVX: SYSS1=1: 1 QVX: SLSS1=QVX: SYSS1=1: 2 QVX: SLSS2=QVX: SYSS1=1: 3 QVX: SLSS2=QVX: SYSS1=1: 4 QVX: SLSS1=QVX: SYSS1=2: 12 QVX: SLSS2=QVX: SYSS1=2: 34 QVX: SLDS1=QVX: SYSS1=4: 1234	SLSS1=SYSS1=1: 1: ***** SLSS1=SYSS1=1: 2: ***** SLSS2=SYSS1=1: 3: ***** SLSS2=SYSS1=1: 4: ***** SLSS1=SYSS1=2: 12: ***** SLSS2=SYSS1=2: 34: ***** SLDS1=SYSS1=4: 1234: *****	
		* PARAMETER3	AUTO RGB YpPr4:4:4 YpPr4:2:2 XYZ	VXX: *****=VXX: SYSS1=*: *****: 00000 VXX: *****=VXX: SYSS1=*: *****: 00001 VXX: *****=VXX: SYSS1=*: *****: 00002 VXX: *****=VXX: SYSS1=*: *****: 00003 VXX: *****=VXX: SYSS1=*: *****: 00004		*****=SYSS1=*: *****: 00000 *****=SYSS1=*: *****: 00001 *****=SYSS1=*: *****: 00002 *****=SYSS1=*: *****: 00003 *****=SYSS1=*: *****: 00004	
	SLOT : SDI : BIT DEPTH	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****=+*****	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4 DUAL LINK 1(SDI1+2) DUAL LINK 2(SDI3+4) QUAD LINK (SDI1+2+3+4)	VXX: SLSS1=VXX: SBTI 1=+***** VXX: SLSS1=VXX: SBTI 2=+***** VXX: SLSS2=VXX: SBTI 1=+***** VXX: SLSS2=VXX: SBTI 2=+***** VXX: SLSS1=VXX: SBTI 3=+***** VXX: SLSS2=VXX: SBTI 3=+***** VXX: SLDS1=VXX: SBTI 7=+*****		SLSS1=SBTI 1=+***** SLSS1=SBTI 2=+***** SLSS2=SBTI 1=+***** SLSS2=SBTI 2=+***** SLSS1=SBTI 3=+***** SLSS2=SBTI 3=+***** SLDS1=SBTI 7=+*****	
		* PARAMETER3	AUTO 12-bit 10-bit	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00002		*****=*****=+00000 *****=*****=+00001 *****=*****=+00002	
	SLOT : SDI : SIGNAL LEVEL	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****=+*****	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4 DUAL LINK 1(SDI1+2) DUAL LINK 2(SDI3+4) QUAD LINK (SDI1+2+3+4)	VXX: SLSS1=VXX: SSLI 1=+***** VXX: SLSS1=VXX: SSLI 2=+***** VXX: SLSS2=VXX: SSLI 1=+***** VXX: SLSS2=VXX: SSLI 2=+***** VXX: SLSS1=VXX: SSLI 3=+***** VXX: SLSS2=VXX: SSLI 3=+***** VXX: SLDS1=VXX: SSLI 7=+*****		SLSS1=SSLI 1=+***** SLSS1=SSLI 2=+***** SLSS2=SSLI 1=+***** SLSS2=SSLI 2=+***** SLSS1=SSLI 3=+***** SLSS2=SSLI 3=+***** SLDS1=SSLI 7=+*****	
		* PARAMETER3	64-940 4-1019	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001		*****=*****=+00000 *****=*****=+00001	
	SLOT : HDMI : SIGNAL LEVEL	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****=+*****	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4 DUAL LINK 1(SDI1+2) DUAL LINK 2(SDI3+4) QUAD LINK (SDI1+2+3+4)	VXX: SLSS1=VXX: HSLI 1=+***** VXX: SLSS1=VXX: HSLI 2=+***** VXX: SLSS2=VXX: HSLI 1=+***** VXX: SLSS2=VXX: HSLI 2=+***** VXX: SLSS1=VXX: HSDI 1=+***** VXX: SLSS2=VXX: HSDI 1=+***** VXX: SLDS1=VXX: HSQI 1=+*****		SLSS1=HSLI 1=+***** SLSS1=HSLI 2=+***** SLSS2=HSLI 1=+***** SLSS2=HSLI 2=+***** SLSS1=HSDI 1=+***** SLSS2=HSDI 1=+***** SLDS1=HSQI 1=+*****	
		* PARAMETER3	0-1023 64-940 AUTO	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00002		*****=*****=+00000 *****=*****=+00001 *****=*****=+00002	
	SLOT : HDMI : EDID SELECT	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****=+*****	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4	VXX: SLSS1=VXX: HESI 1=+***** VXX: SLSS1=VXX: HESI 2=+***** VXX: SLSS2=VXX: HESI 1=+***** VXX: SLSS2=VXX: HESI 2=+*****		SLSS1=HESI 1=+***** SLSS1=HESI 2=+***** SLSS2=HESI 1=+***** SLSS2=HESI 2=+*****	
		* PARAMETER3	EDID1:4K/60p EDID2:4K/30p EDID3:2K	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00002		*****=*****=+00000 *****=*****=+00001 *****=*****=+00002	
		* PARAMETER3	4K/60p/SDR 4K/30p 2K 4K/60p/HDR	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00002 VXX: *****=VXX: *****=+00010		*****=*****=+00000 *****=*****=+00001 *****=*****=+00002 *****=*****=+00010	
	SLOT : HDMI : EDID MODE	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****=+*****	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4	VXX: SLSS1=VXX: EDM1 3=+***** VXX: SLSS1=VXX: EDM1 6=+***** VXX: SLSS2=VXX: EDM1 3=+***** VXX: SLSS2=VXX: EDM1 6=+*****		SLSS1=EDM1 3=+***** SLSS1=EDM1 6=+***** SLSS2=EDM1 3=+***** SLSS2=EDM1 6=+*****	
		* PARAMETER3	DEFAULT SCREEN FIT USER	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00010		*****=*****=+00000 *****=*****=+00001 *****=*****=+00010	
	SLOT : HDMI : EDID RESOLUTION	* PARAMETER		VXX: *****=VXX: *****=*****: *	QVX: *****=QVX: *****	*****=*****=*****: *	
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4	VXX: SLSS1=VXX: EDRS3=*****: * VXX: SLSS1=VXX: EDRS6=*****: * VXX: SLSS2=VXX: EDRS3=*****: * VXX: SLSS2=VXX: EDRS6=*****: *		SLSS1=EDRS3=*****: * SLSS1=EDRS6=*****: * SLSS2=EDRS3=*****: * SLSS2=EDRS6=*****: *	
			1024x768 1280x720 1280x768 1280x800 1280x1024 1366x768 1400x1050 1440x900	VXX: *****=VXX: *****=1024: 0768: * VXX: *****=VXX: *****=1280: 0720: * VXX: *****=VXX: *****=1280: 0768: * VXX: *****=VXX: *****=1280: 0800: * VXX: *****=VXX: *****=1280: 1024: * VXX: *****=VXX: *****=1366: 0768: * VXX: *****=VXX: *****=1400: 1050: * VXX: *****=VXX: *****=1440: 0900: *		*****=*****=1024: 0768: * *****=*****=1280: 0720: * *****=*****=1280: 0768: * *****=*****=1280: 0800: * *****=*****=1280: 1024: * *****=*****=1366: 0768: * *****=*****=1400: 1050: * *****=*****=1440: 0900: *	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY	LB423 SERIES
				COMMANDS	COMMANDS	
SLOT : HDMI : EDID VERTICAL SCAN FREQUENCY	* PARAMETER3	1600x900 1600x1200 1680x1050 1920x1080 1920x1200 1920x2160 2048x1080 2048x2160 2560x1600 3840x2400	VXX: *****=VXX: *****=1600: 0900: * VXX: *****=VXX: *****=1600: 1200: * VXX: *****=VXX: *****=1680: 1050: * VXX: *****=VXX: *****=1920: 1080: * VXX: *****=VXX: *****=1920: 1200: * VXX: *****=VXX: *****=1920: 2160: * VXX: *****=VXX: *****=2048: 1080: * VXX: *****=VXX: *****=2048: 2160: * VXX: *****=VXX: *****=2560: 1600: * VXX: *****=VXX: *****=3840: 2400: *		*****=*****=1600: 0900: * *****=*****=1600: 1200: * *****=*****=1680: 1050: * *****=*****=1920: 1080: * *****=*****=1920: 1200: * *****=*****=1920: 2160: * *****=*****=2048: 1080: * *****=*****=2048: 2160: * *****=*****=2560: 1600: * *****=*****=3840: 2400: *	
	* PARAMETER4	Progressive Interlace	VXX: *****=VXX: *****=*****: p VXX: *****=VXX: *****=*****: i		*****=*****_*****: p *****=*****_*****: i	
	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****+*****	
	* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4	VXX: SLSS1=VXX: EDVI 3=+***** VXX: SLSS1=VXX: EDVI 6=+***** VXX: SLSS2=VXX: EDVI 3=+***** VXX: SLSS2=VXX: EDVI 6=+*****		SLSS1=EDVI 3=+***** SLSS1=EDVI 6=+***** SLSS2=EDVI 3=+***** SLSS2=EDVI 6=+*****	
	* PARAMETER3	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz	VXX: *****=VXX: *****=+06000 VXX: *****=VXX: *****=+05000 VXX: *****=VXX: *****=+04800 VXX: *****=VXX: *****=+03000 VXX: *****=VXX: *****=+02500 VXX: *****=VXX: *****=+02400		*****=*****=+06000 *****=*****=+05000 *****=*****=+04800 *****=*****=+03000 *****=*****=+02500 *****=*****=+02400	
	* PARAMETER4	Progressive Interlace	VXX: *****=VXX: *****=*****: p VXX: *****=VXX: *****=*****: i		*****=*****_*****: p *****=*****_*****: i	
	* PARAMETER		VXX: *****=VXX: *****=*****: * *****	QVX: *****=QVX: *****	*****=*****_*****: * *****	
	* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4	VXX: SLSS1=VXX: EDHS1=*****: * ***** VXX: SLSS1=VXX: EDHS2=*****: * ***** VXX: SLSS2=VXX: EDHS1=*****: * ***** VXX: SLSS2=VXX: EDHS2=*****: * *****		SLSS1=EDHS1=*****: * ***** SLSS1=EDHS2=*****: * ***** SLSS2=EDHS1=*****: * ***** SLSS2=EDHS2=*****: * *****	
	* PARAMETER3	1024x768 1280x720 1280x768 1280x800 1280x1024 1366x768 1400x1050 1440x900 1600x900 1600x1200 1680x1050 1920x1080 1920x1200 1920x2160 2048x1080 2048x2160 2560x1600 3840x2400	VXX: *****=VXX: *****=1024: 0768: * ***** VXX: *****=VXX: *****=1280: 0720: * ***** VXX: *****=VXX: *****=1280: 0768: * ***** VXX: *****=VXX: *****=1280: 0800: * ***** VXX: *****=VXX: *****=1280: 1024: * ***** VXX: *****=VXX: *****=1366: 0768: * ***** VXX: *****=VXX: *****=1400: 1050: * ***** VXX: *****=VXX: *****=1440: 0900: * ***** VXX: *****=VXX: *****=1600: 0900: * ***** VXX: *****=VXX: *****=1600: 1200: * ***** VXX: *****=VXX: *****=1680: 1050: * ***** VXX: *****=VXX: *****=1920: 1080: * ***** VXX: *****=VXX: *****=1920: 1200: * ***** VXX: *****=VXX: *****=1920: 2160: * ***** VXX: *****=VXX: *****=2048: 1080: * ***** VXX: *****=VXX: *****=2048: 2160: * ***** VXX: *****=VXX: *****=2560: 1600: * ***** VXX: *****=VXX: *****=3840: 2400: * *****		*****=*****=1024: 0768: * ***** *****=*****=1280: 0720: * ***** *****=*****=1280: 0768: * ***** *****=*****=1280: 0800: * ***** *****=*****=1280: 1024: * ***** *****=*****=1366: 0768: * ***** *****=*****=1400: 1050: * ***** *****=*****=1440: 0900: * ***** *****=*****=1600: 0900: * ***** *****=*****=1600: 1200: * ***** *****=*****=1680: 1050: * ***** *****=*****=1920: 1080: * ***** *****=*****=1920: 1200: * ***** *****=*****=1920: 2160: * ***** *****=*****=2048: 1080: * ***** *****=*****=2048: 2160: * ***** *****=*****=2560: 1600: * ***** *****=*****=3840: 2400: * *****	
	* PARAMETER4	Progressive Interlace	VXX: *****=VXX: *****=*****: p VXX: *****=VXX: *****=*****: i		*****=*****_*****: p *****=*****_*****: i	
* PARAMETER5	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz	VXX: *****=VXX: *****=*****: * 6000 VXX: *****=VXX: *****=*****: * 5000 VXX: *****=VXX: *****=*****: * 4800 VXX: *****=VXX: *****=*****: * 3000 VXX: *****=VXX: *****=*****: * 2500 VXX: *****=VXX: *****=*****: * 2400		*****=*****_*****: * 6000 *****=*****_*****: * 5000 *****=*****_*****: * 4800 *****=*****_*****: * 3000 *****=*****_*****: * 2500 *****=*****_*****: * 2400		
* PARAMETER		VXX: *****=VXX: *****=*****: * *****	QVX: *****=QVX: *****	*****=*****_*****: * *****		
* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4			SLSS1=ESHS1=*****: * ***** SLSS1=ESHS2=*****: * ***** SLSS2=ESHS1=*****: * ***** SLSS2=ESHS2=*****: * *****		
* PARAMETER3	1024x768 1280x720 1280x768 1280x800 1280x1024 1366x768 1400x1050 1440x900 1600x900 1600x1200 1680x1050 1920x1080 1920x1200 1920x2160 2048x1080 2048x2160 2560x1600 3840x2400			*****=*****=1024: 0768: * ***** *****=*****=1280: 0720: * ***** *****=*****=1280: 0768: * ***** *****=*****=1280: 0800: * ***** *****=*****=1280: 1024: * ***** *****=*****=1366: 0768: * ***** *****=*****=1400: 1050: * ***** *****=*****=1440: 0900: * ***** *****=*****=1600: 0900: * ***** *****=*****=1600: 1200: * ***** *****=*****=1680: 1050: * ***** *****=*****=1920: 1080: * ***** *****=*****=1920: 1200: * ***** *****=*****=1920: 2160: * ***** *****=*****=2048: 1080: * ***** *****=*****=2048: 2160: * ***** *****=*****=2560: 1600: * ***** *****=*****=3840: 2400: * *****		
* PARAMETER4	Progressive Interlace			*****=*****_*****: p *****=*****_*****: i		
* PARAMETER5	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz			*****=*****_*****: * 6000 *****=*****_*****: * 5000 *****=*****_*****: * 4800 *****=*****_*****: * 3000 *****=*****_*****: * 2500 *****=*****_*****: * 2400		
* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****+*****		
* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4 DUAL LINK 1(SDI1+2) DUAL LINK 2(SDI3+4) QUAD LINK (SDI1+2+3+4)	VXX: SLSS1=VXX: DVI I 0=+***** VXX: SLSS1=VXX: DVI I 2=+***** VXX: SLSS2=VXX: DVI I 0=+***** VXX: SLSS2=VXX: DVI I 2=+***** VXX: SLSS1=VXX: DVI D 1=+***** VXX: SLSS2=VXX: DVI D 1=+***** VXX: SLDS1=VXX: DVQI 1=+*****		SLSS1=DVI I 0=+***** SLSS1=DVI I 2=+***** SLSS2=DVI I 0=+***** SLSS2=DVI I 2=+***** SLSS1=DVI D 1=+***** SLSS2=DVI D 1=+***** SLDS1=DVQI 1=+*****		
* PARAMETER3	0-255(PC) 16-235 AUTO	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00002		*****=*****=+00000 *****=*****=+00001 *****=*****=+00002		
* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****+*****		
* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4	VXX: SLSS1=VXX: DSLI 1=+***** VXX: SLSS1=VXX: DSLI 2=+***** VXX: SLSS2=VXX: DSLI 1=+***** VXX: SLSS2=VXX: DSLI 2=+*****		SLSS1=DSL I 1=+***** SLSS1=DSL I 2=+***** SLSS2=DSL I 1=+***** SLSS2=DSL I 2=+*****		
* PARAMETER3	EDID1:4K/60p EDID2:4K/30p EDID3:2K	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00002		*****=*****=+00000 *****=*****=+00001 *****=*****=+00002		
* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****+*****		
* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4	VXX: SLSS1=VXX: EDM I 2=+***** VXX: SLSS1=VXX: EDM I 5=+***** VXX: SLSS2=VXX: EDM I 2=+***** VXX: SLSS2=VXX: EDM I 5=+*****		SLSS1=EDM I 2=+***** SLSS1=EDM I 5=+***** SLSS2=EDM I 2=+***** SLSS2=EDM I 5=+*****		
* PARAMETER3	DEFAULT SCREEN FIT USER	VXX: *****=VXX: *****=+00000 VXX: *****=VXX: *****=+00001 VXX: *****=VXX: *****=+00010		*****=*****=+00000 *****=*****=+00001 *****=*****=+00010		
* PARAMETER		VXX: *****=VXX: *****=*****: * *****	QVX: *****=QVX: *****	*****=*****_*****: * *****		

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		LB423 SERIES	
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R		
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4	VXX: SLSS1=VXX: EDRS2=*****: * VXX: SLSS1=VXX: EDRS5=*****: * VXX: SLSS2=VXX: EDRS2=*****: * VXX: SLSS2=VXX: EDRS5=*****: *		SLSS1=EDRS2=*****: * SLSS1=EDRS5=*****: * SLSS2=EDRS2=*****: * SLSS2=EDRS5=*****: *			
		* PARAMETER3	1024x768 1280x720 1280x768 1280x800 1280x1024 1366x768 1400x1050 1440x900 1600x900 1600x1200 1680x1050 1920x1080 1920x1200 1920x2160 2048x1080 2048x2160	VXX: *****=VXX: *****=1024: 0768: * VXX: *****=VXX: *****=1280: 0720: * VXX: *****=VXX: *****=1280: 0768: * VXX: *****=VXX: *****=1280: 0800: * VXX: *****=VXX: *****=1280: 1024: * VXX: *****=VXX: *****=1366: 0768: * VXX: *****=VXX: *****=1400: 1050: * VXX: *****=VXX: *****=1440: 0900: * VXX: *****=VXX: *****=1600: 0900: * VXX: *****=VXX: *****=1600: 1200: * VXX: *****=VXX: *****=1680: 1050: * VXX: *****=VXX: *****=1920: 1080: * VXX: *****=VXX: *****=1920: 1200: * VXX: *****=VXX: *****=1920: 2160: * VXX: *****=VXX: *****=2048: 1080: * VXX: *****=VXX: *****=2048: 2160: *		*****=*****=1024: 0768: * *****=*****=1280: 0720: * *****=*****=1280: 0768: * *****=*****=1280: 0800: * *****=*****=1280: 1024: * *****=*****=1366: 0768: * *****=*****=1400: 1050: * *****=*****=1440: 0900: * *****=*****=1600: 0900: * *****=*****=1600: 1200: * *****=*****=1680: 1050: * *****=*****=1920: 1080: * *****=*****=1920: 1200: * *****=*****=1920: 2160: * *****=*****=2048: 1080: * *****=*****=2048: 2160: *			
		* PARAMETER4	Progressive Interlace	VXX: *****=VXX: *****=*****: p VXX: *****=VXX: *****=*****: i		*****=*****=*****: p *****=*****=*****: i			
		SLOT : DVI : EDID VERTICAL SCAN FREQUENCY	* PARAMETER		VXX: *****=VXX: *****=+*****	QVX: *****=QVX: *****	*****=*****=+*****		
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4	VXX: SLSS1=VXX: EDVI 2=+***** VXX: SLSS1=VXX: EDVI 5=+***** VXX: SLSS2=VXX: EDVI 2=+***** VXX: SLSS2=VXX: EDVI 5=+*****		SLSS1=EDVI 2=+***** SLSS1=EDVI 5=+***** SLSS2=EDVI 2=+***** SLSS2=EDVI 5=+*****			
		* PARAMETER3	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz	VXX: *****=VXX: *****=+06000 VXX: *****=VXX: *****=+05000 VXX: *****=VXX: *****=+04800 VXX: *****=VXX: *****=+03000 VXX: *****=VXX: *****=+02500 VXX: *****=VXX: *****=+02400		*****=*****=+06000 *****=*****=+05000 *****=*****=+04800 *****=*****=+03000 *****=*****=+02500 *****=*****=+02400			
		* PARAMETER4	Progressive Interlace	VXX: *****=VXX: *****=*****: p VXX: *****=VXX: *****=*****: i		*****=*****=*****: p *****=*****=*****: i			
		SLOT : DVI : EDID RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER		VXX: *****=VXX: *****=*****: * *****	QVX: *****=QVX: *****	*****=*****=*****: * *****		
		* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4	VXX: SLSS1=VXX: EDSS1=*****: * ***** VXX: SLSS1=VXX: EDSS2=*****: * ***** VXX: SLSS2=VXX: EDSS1=*****: * ***** VXX: SLSS2=VXX: EDSS2=*****: * *****		SLSS1=EDSS1=*****: * ***** SLSS1=EDSS2=*****: * ***** SLSS2=EDSS1=*****: * ***** SLSS2=EDSS2=*****: * *****			
		* PARAMETER3	1024x768 1280x720 1280x768 1280x800 1280x1024 1366x768 1400x1050 1440x900 1600x900 1600x1200 1680x1050 1920x1080 1920x1200 1920x2160 2048x1080 2048x2160	VXX: *****=VXX: *****=1024: 0768: * ***** VXX: *****=VXX: *****=1280: 0720: * ***** VXX: *****=VXX: *****=1280: 0768: * ***** VXX: *****=VXX: *****=1280: 0800: * ***** VXX: *****=VXX: *****=1280: 1024: * ***** VXX: *****=VXX: *****=1366: 0768: * ***** VXX: *****=VXX: *****=1400: 1050: * ***** VXX: *****=VXX: *****=1440: 0900: * ***** VXX: *****=VXX: *****=1600: 0900: * ***** VXX: *****=VXX: *****=1600: 1200: * ***** VXX: *****=VXX: *****=1680: 1050: * ***** VXX: *****=VXX: *****=1920: 1080: * ***** VXX: *****=VXX: *****=1920: 1200: * ***** VXX: *****=VXX: *****=1920: 2160: * ***** VXX: *****=VXX: *****=2048: 1080: * ***** VXX: *****=VXX: *****=2048: 2160: * *****		*****=*****=1024: 0768: * ***** *****=*****=1280: 0720: * ***** *****=*****=1280: 0768: * ***** *****=*****=1280: 0800: * ***** *****=*****=1280: 1024: * ***** *****=*****=1366: 0768: * ***** *****=*****=1400: 1050: * ***** *****=*****=1440: 0900: * ***** *****=*****=1600: 0900: * ***** *****=*****=1600: 1200: * ***** *****=*****=1680: 1050: * ***** *****=*****=1920: 1080: * ***** *****=*****=1920: 1200: * ***** *****=*****=1920: 2160: * ***** *****=*****=2048: 1080: * ***** *****=*****=2048: 2160: * *****			
		* PARAMETER4	Progressive Interlace	VXX: *****=VXX: *****=*****: p VXX: *****=VXX: *****=*****: i		*****=*****=*****: p *****=*****=*****: i			
		* PARAMETERS5	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz	VXX: *****=VXX: *****=*****: * 6000 VXX: *****=VXX: *****=*****: * 5000 VXX: *****=VXX: *****=*****: * 4800 VXX: *****=VXX: *****=*****: * 3000 VXX: *****=VXX: *****=*****: * 2500 VXX: *****=VXX: *****=*****: * 2400		*****=*****=*****: * 6000 *****=*****=*****: * 5000 *****=*****=*****: * 4800 *****=*****=*****: * 3000 *****=*****=*****: * 2500 *****=*****=*****: * 2400			
SLOT : DVI : EDID STATUS RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER			QVX: *****=QVX: *****	*****=*****=*****: * *****				
* PARAMETER1, 2	SDI1 SDI2 SDI3 SDI4				SLSS1=ESDS1=*****: * ***** SLSS1=ESDS2=*****: * ***** SLSS2=ESDS1=*****: * ***** SLSS2=ESDS2=*****: * *****				
* PARAMETER3	1024x768 1280x720 1280x768 1280x800 1280x1024 1366x768 1400x1050 1440x900 1600x900 1600x1200 1680x1050 1920x1080 1920x1200 1920x2160 2048x1080 2048x2160				*****=*****=1024: 0768: * ***** *****=*****=1280: 0720: * ***** *****=*****=1280: 0768: * ***** *****=*****=1280: 0800: * ***** *****=*****=1280: 1024: * ***** *****=*****=1366: 0768: * ***** *****=*****=1400: 1050: * ***** *****=*****=1440: 0900: * ***** *****=*****=1600: 0900: * ***** *****=*****=1600: 1200: * ***** *****=*****=1680: 1050: * ***** *****=*****=1920: 1080: * ***** *****=*****=1920: 1200: * ***** *****=*****=1920: 2160: * ***** *****=*****=2048: 1080: * ***** *****=*****=2048: 2160: * *****				
* PARAMETER4	Progressive Interlace				*****=*****=*****: p ***** *****=*****=*****: i *****				
* PARAMETERS5	60Hz 50Hz 48Hz 30Hz 25Hz 24Hz				*****=*****=*****: * 6000 *****=*****=*****: * 5000 *****=*****=*****: * 4800 *****=*****=*****: * 3000 *****=*****=*****: * 2500 *****=*****=*****: * 2400				
FRAME SYNC SETTING - FRAME SYNC.	OFF MASTER SLAVE		VXX: FSYI 1=+00000 VXX: FSYI 1=+00001 VXX: FSYI 1=+00002	QVX: FSYI 1	FSYI 1=+00000 FSYI 1=+00001 FSYI 1=+00002				
MULTI PROJECTOR SYNC - MODE	OFF MASTER SLAVE		VXX: MPSI 1=+00000 VXX: MPSI 1=+00001 VXX: MPSI 1=+00002	QYX: MPSI 1	MPSI 1=+00000 MPSI 1=+00001 MPSI 1=+00002				
FRAME SYNC SETTING(MULTI PROJECTOR SYNC) - CONTRAST	OFF ON		VXX: CSYI 1=+00000 VXX: CSYI 1=+00001	QVX: CSYI 1	CSYI 1=+00000 CSYI 1=+00001				
MULTI PROJECTOR SYNC - SHUTTER SYNC.	OFF ON		VXX: SSYI 1=+00000 VXX: SSYI 1=+00001	QVX: SSYI 1	SSYI 1=+00000 SSYI 1=+00001				
INPUT GUIDE	OFF ON (SIMPLE) DETAILED		OI D: 0 OI D: 1 OI D: 2	QDI	0 1 2				
OSD POSITION	UPPER LEFT LOWER LEFT CENTER UPPER RIGHT LOWER RIGHT		VXX: OPSI 1=+00001 VXX: OPSI 1=+00003 VXX: OPSI 1=+00005 VXX: OPSI 1=+00007 VXX: OPSI 1=+00009	QVX: OPSI 1	OPSI 1=+00001 OPSI 1=+00003 OPSI 1=+00005 OPSI 1=+00007 OPSI 1=+00009				
OSD POSITION	UPPER LEFT CETRE LEFT LOWER LEFT TOP CENTER		ODP: 1 ODP: 2 ODP: 3 ODP: 4	QDP	1 2 3 4				

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		LB423 SERIES
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R	
		CENTER LOEER CENTER UPPER RIGHT CENTER RIGHT LOWER RIGHT		ODP: 5 ODP: 6 ODP: 7 ODP: 8 ODP: 9			5 6 7 8 9	
	OSD ROTATION	OFF CLOCKWISE COUNTER CLOCKWISE		VXX: OSRI 1=+00000 VXX: OSRI 1=+00001 VXX: OSRI 1=+00002	QVX: OSRI 1		OSRI 1=+00000 OSRI 1=+00001 OSRI 1=+00002	
	OSD MEMORY	OFF ON		VXX: OMYI 0=+00000 VXX: OMYI 0=+00001	QVX: OMYI 0		OMYI 0=+00000 OMYI 0=+00001	
	ON SCREEN	OFF ON		OOS: 0 OOS: 1	QOS		0 1	
	OSD SIZE	NORMAL DOUBLE		VXX: OSZI 1=+00100 VXX: OSZI 1=+00200	QVX: OSZI 1		OSZI 1=+00100 OSZI 1=+00200	
	WARNING MESSAGE	OFF ON		VXX: WMDI 0=+00000 VXX: WMDI 0=+00001	QVX: WMDI 0		WMDI 0=+00000 WMDI 0=+00001	
	OSD DESIGN	1(YELLOW) 2(BLUE) 3(WHITE) 4(GREEN) 5(PEACH) 6(BROWN)		MDD: 0 MDD: 1 MDD: 2 MDD: 3 MDD: 4 MDD: 5	QOD		0 1 2 3 4 5	
	CLOSED CAPTION SETTING	OFF CC1 CC2 CC3 CC4		OCC: 0 OCC: 1 OCC: 2 OCC: 3 OCC: 4	QCC		0 1 2 3 4	✓ ✓ ✓ ✓ ✓
	IMAGE ROTATION	OFF CLOCKWISE COUNTER CLOCKWISE		VXX: IROI 1=+00000 VXX: IROI 1=+00001 VXX: IROI 1=+00002	QVX: IROI 1		IROI 1=+00000 IROI 1=+00001 IROI 1=+00002	
	SCREEN SETTING	16:10 16:9 4:3		VSF: 0 VSF: 1 VSF: 2	QSF		0 1 2	
	SCREEN POSITION-VERTICAL	min. max.		VXX: VSPI 0=- 00120 VXX: VSPI 0=+00120	QVX: VSPI 0		VSPI 0=- 00120 VSPI 0=+00120	
	SCREEN POSITION-VERTICAL	LOWER CENTER UPPER		VXX: VSPI 1=+00000 VXX: VSPI 1=+00001 VXX: VSPI 1=+00002	QVX: VSPI 1		VSPI 1=+00000 VSPI 1=+00001 VSPI 1=+00002	
	SCREEN POSITION-HORORIZONTAL	min. max.		VXX: HSPI 0=- 00320 VXX: HSPI 0=+00320	QVX: HSPI 0		HSPI 0=- 00320 HSPI 0=+00320	
	SCREEN POSITION-HORIZONTAL	LEFT CENTER RIGHT		VXX: HSPI 1=+00000 VXX: HSPI 1=+00001 VXX: HSPI 1=+00002	QVX: HSPI 1		HSPI 1=+00000 HSPI 1=+00001 HSPI 1=+00002	
	STARTUP LOGO	OFF USER LOGO DEFAULT LOGO		MLO: 0 MLO: 1 MLO: 2	QLO		0 1 2	
	UNIFORMITY-PC CORRECTION *	OFF ON		VXX: UFMI 1=+00000 VXX: UFMI 1=+00001	QVX: UFMI 1		UFMI 1=+00000 UFMI 1=+00001	
	UNIFORMITY-WHITE/RED/GREEN/RED	* PARAMETER WHITE RED GREEN BLUE		ESW: *, ****, ****, ** ESW: W, ****, ****, ** ESW: R, ****, ****, ** ESW: G, ****, ****, ** ESW: B, ****, ****, **	ESR: *, ** ESR: W, ** ESR: R, ** ESR: G, ** ESR: B, **		*, ****, **** *, ****, **** *, ****, **** *, ****, **** *, ****, ****	
		* PARAMETER 1		ESW: *, - 127, ****, ** ESW: *, +127, ****, **	ESR: *, ** ESR: *, **		*, - 127, **** *, +127, ****	
		* PARAMETER 2		ESW: *, ****, - 127, ** ESW: *, ****, +127, **	ESR: *, ** ESR: *, **		*, ****, - 127 *, ****, +127	
		* PARAMETER 3		ESW: *, ****, ****, 0* ESW: *, ****, ****, 1* ESW: *, ****, ****, *0 ESW: *, ****, ****, *1	ESR: *, 0* ESR: *, 1* ESR: *, *0 ESR: *, *1		0*, ****, **** 1*, ****, **** *0, ****, **** *1, ****, ****	
	SHUTTER SETTING-FADE IN	0.0s(OFF) 0.5s 1.0s 1.5s 2.0s 2.5s 3.0s 3.5s 4.0s 5.0s 7.0s 10.0s		VXX: SEFS1=0. 0 VXX: SEFS1=0. 5 VXX: SEFS1=1. 0 VXX: SEFS1=1. 5 VXX: SEFS1=2. 0 VXX: SEFS1=2. 5 VXX: SEFS1=3. 0 VXX: SEFS1=3. 5 VXX: SEFS1=4. 0 VXX: SEFS1=5. 0 VXX: SEFS1=7. 0 VXX: SEFS1=10. 0	QVX: SEFS1		SEFS1=0. 0 SEFS1=0. 5 SEFS1=1. 0 SEFS1=1. 5 SEFS1=2. 0 SEFS1=2. 5 SEFS1=3. 0 SEFS1=3. 5 SEFS1=4. 0 SEFS1=5. 0 SEFS1=7. 0 SEFS1=10. 0	
	SHUTTER SETTING-FADE OUT	0.0s(OFF) 0.5s 1.0s 1.5s 2.0s 2.5s 3.0s 3.5s 4.0s 5.0s 7.0s 10.0s		VXX: SEFS2=0. 0 VXX: SEFS2=0. 5 VXX: SEFS2=1. 0 VXX: SEFS2=1. 5 VXX: SEFS2=2. 0 VXX: SEFS2=2. 5 VXX: SEFS2=3. 0 VXX: SEFS2=3. 5 VXX: SEFS2=4. 0 VXX: SEFS2=5. 0 VXX: SEFS2=7. 0 VXX: SEFS2=10. 0	QVX: SEFS2		SEFS2=0. 0 SEFS2=0. 5 SEFS2=1. 0 SEFS2=1. 5 SEFS2=2. 0 SEFS2=2. 5 SEFS2=3. 0 SEFS2=3. 5 SEFS2=4. 0 SEFS2=5. 0 SEFS2=7. 0 SEFS2=10. 0	
	SHUTTER SETTING-MECHANICAL SHUTTER	DISABLE ENABLE		VXX: SEFI 5=+00000 VXX: SEFI 5=+00001	QVX: SEFI 5		SEFS5=+00000 SEFS5=+00001	
	SHUTTER SETTING-STARTUP	OPEN CLOSE		VXX: SEFI 3=+00000 VXX: SEFI 3=+00001	QVX: SEFI 3		SEFI 3=+00000 SEFI 3=+00001	
	SHUTTER SETTING-SHUT OFF	OPEN CLOSE KEEP CURRENT STATE		VXX: SEFI 4=+00000 VXX: SEFI 4=+00001 VXX: SEFI 4=+00002	QVX: SEFI 4		SEFI 4=+00000 SEFI 4=+00001 SEFI 4=+00002	
	AUTO SETUP SETTING	BUTTON AUTO		OSS: 0 OSS: 1	QVX: ASSI 1		ASSI 1=+00002 ASSI 1=+00001	
	SIGNAL SEARCH	OFF ON		OSR: 0 OSR: 1	QSR		0 1	
	BACK COLOR	BLUE BLACK DEFAULT LOGO USER LOGO		OBC: 0 OBC: 1 OBC: 2 OBC: 3	QBC		0 1 2 3	
	BACK COLOR	BLUE BLACK USER LOGO DEFAULT LOGO		OBC: 0 OBC: 1 OBC: 2 OBC: 3	QBC		0 1 2 3	
	WAVEFORM MONITOR	OFF LUMINANCE RED GREEN BLUE		OWM: 0 OWM: 5 OWM: 6 OWM: 7 OWM: 8	QWM		0 5 6 7 8	
	WAVEFORM MONITOR-LINE ADJ.	0 +2159		VXX: WMLI 0=+00000 VXX: WMLI 0=+02159	QVX: WMLI 0		WMLI 0=+00000 WMLI 0=+02159	
	AC VOLTAGE MONITOR	OFF ON		VXX: VMDI 1=+00000 VXX: VMDI 1=+00001	QVX: VMDI 1		VMDI 1=+00000 VMDI 1=+00001	
	AC VOLTAGE				QVX: VMDI 2		VMDI 2=+00000 VMDI 2=+99999	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		LB423 SERIES	
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R		
	CUT OFF-RED	OFF ON		VXX: CUTI 1=+00000 VXX: CUTI 1=+00001	QVX: CUTI 1	CUTI 1=+00000 CUTI 1=+00001			
	CUT OFF-GREEN	OFF ON		VXX: CUTI 2=+00000 VXX: CUTI 2=+00001	QVX: CUTI 2	CUTI 2=+00000 CUTI 2=+00001			
	CUT OFF-BLUE	OFF ON		VXX: CUTI 3=+00000 VXX: CUTI 3=+00001	QVX: CUTI 3	CUTI 3=+00000 CUTI 3=+00001			
	WIDE MODE	OFF ON AUTO		OXG: 0 OXG: 1 OXG: 2	QXG	0 1 2			
	SXGA MODE	SXGA(1280x1024) SXGA+(1400x1050) AUTO		OSX: 0 OSX: 1 OSX: 10	QSX	0 1 10			
	P-TIMER-MODE	COUNT DOWN COUNT UP		VXX: PTMI 1=+00000 VXX: PTMI 1=+00001	QVX: PTMI 1	PTMI 1=+00000 PTMI 1=+00001			
	P-TIMER-COUNT DOWN TIMER	1 MIN. 180 MIN.		VXX: PTMI 2=+00001 VXX: PTMI 2=+00180	QVX: PTMI 2	PTMI 2=+00001 PTMI 2=+00180			
	P-TIMER-RESET	RESET		VXX: PTMI 3=+00000					
	P-TIMER-EXIT	EXIT		VXX: PTMI 4=+00000					
	STATUS			STS					
	COMPUTER1 INPUT/OUTPUT	RGB/YPBPR Y/C		VXX: RYCI 1=+00000 VXX: RYCI 1=+00001	QVX: RYCI 1	RYCI 1=+00000 RYCI 1=+00001			
	COMPUTER2 INOUT/OUTPUT SELECT	COMPUTER2 IN COMPUTER2 OUT		ORI : 21N ORI : 20U	QRI	21N 20U			
	PROJECTOR ID	ALL ID1 ID2 ID3 ID4 ID5 ID6		RI S: 0 RI S: 1 RI S: 2 RI S: 3 RI S: 4 RI S: 5 RI S: 6					
	PROJECTOR ID	0(ALL) 64		RI S: 00 RI S: 64					
	ID ALL	OFF ON		RVS: 0 RVS: 1	QVY	0 1			
	PROJECTION METHOD INSTALLATION	FRONT/DESK REAR/DESK FRONT/CEILING REAR/CEILING FRONT/AUTO REAR/AUTO		OIL: 0 OIL: 1 OIL: 2 OIL: 3 OIL: 4 OIL: 5	QSP	0 1 2 3 4 5			
	PROJECTION METHOD	FRONT REAR		VXX: PJMI 1=+00000 VXX: PJMI 1=+00001	QVX: PJMI 1	PJMI 1=+00000 PJMI 1=+00001			
	PROJECTION METHOD(AUTO)	FRONT/DESK REAR/DESK FRONT/CEILING REAR/CEILING			QVX: PJMI 2	PJMI 2=+00000 PJMI 2=+00001 PJMI 2=+00002 PJMI 2=+00003			
VERTICAL FLIP	OFF ON		VXX: VFLI 1=+00000 VXX: VFLI 1=+00001	QVX: VFLI 1	VFLI 1=+00000 VFLI 1=+00001				
	LAMP SELECT	QUAD LAMP1/4 LAMP2/3 LAMPDUAL LAMP1/2/3 LAMP1/2/4 LAMP1/3/4 LAMP2/3/4 TRIPLE LAMP1 LAMP2 LAMP3 LAMP4 SINGLE		LPM: 00 LPM: 01 LPM: 02 LPM: 03 LPM: 04 LPM: 05 LPM: 06 LPM: 07 LPM: 08 LPM: 09 LPM: 10 LPM: 11 LPM: 12 LPM: 13					
	LAMP RELAY	OFF 00:01 23:59 00:00		VXX: LRYI 0=+00000 VXX: LRYI 0=+00001 VXX: LRYI 0=+02359 VXX: LRYI 0=+02400	QVX: LRYI 0	LRYI 0=+00000 LRYI 0=+00001 LRYI 0=+02359 LRYI 0=+02400			
	LAMP RELAY WEEK	OFF EVERY DAY MON TUE WED THU FRI SAT SUN		VXX: LRYI 2=+00000 VXX: LRYI 2=+00001 VXX: LRYI 2=+00002 VXX: LRYI 2=+00003 VXX: LRYI 2=+00004 VXX: LRYI 2=+00005 VXX: LRYI 2=+00006 VXX: LRYI 2=+00007 VXX: LRYI 2=+00008	QVX: LRYI 2	LRYI 2=+00000 LRYI 2=+00001 LRYI 2=+00002 LRYI 2=+00003 LRYI 2=+00004 LRYI 2=+00005 LRYI 2=+00006 LRYI 2=+00007 LRYI 2=+00008			
	COOLING CONDITION	FLOOR CEILING VERTICAL UP VERTICAL DOWN PORTRAIT AUTO		ODR: 0 ODR: 1 ODR: 2 ODR: 3 ODR: 4 ODR: 9	QDR	0 1 2 3 4 9			
	AUTO COOLING CONDITION-STATUS	FLOOR CEILING VERTICAL UP VERTICAL DOWN PORTRAIT AUTO			QVX: ADRI 1	ADRI 1=+00000 ADRI 1=+00001 ADRI 1=+00002 ADRI 1=+00003 ADRI 1=+00004			
	HIGH ALTITUDE MODE	OFF HIGH1 HIGH2 Under 2700m(OFF) Over 2700m(ON)		OFM: 0 OFM: 1 OFM: 2 OFM: 0 OFM: 1	QFM	0 1 2 1 1			
	LAMP POWER	NORMAL ECO ECO1 ECO2		OLP: 1 OLP: 0 OLP: 3 OLP: 4	QLP	1 0 3 4			
	LIGHT POWER	NORMAL ECO		OLP: 0 OLP: 1	QLP	0 1			
		OPERATING MODE	NORMAL ECO		VXX: LPWI 1=+00000 VXX: LPWI 1=+00001	QVX: LPWI 1	LPWI 1=+00000 LPWI 1=+00001		
			SILENT HIGH LONG LIFE1 LONG LIFE2 LONG LIFE3 QUIET1 QUIET2 USER1(USER) USER2 USER3		VXX: OPEI 1=+00000 VXX: OPEI 1=+00001 VXX: OPEI 1=+00002 VXX: OPEI 1=+00004 VXX: OPEI 1=+00011 VXX: OPEI 1=+00012 VXX: OPEI 1=+00013 VXX: OPEI 1=+00021 VXX: OPEI 1=+00022 VXX: OPEI 1=+00101 VXX: OPEI 1=+00102 VXX: OPEI 1=+00103	QVX: OPEI 1	OPEI 1=+00000 OPEI 1=+00001 OPEI 1=+00002 OPEI 1=+00004 OPEI 1=+00011 OPEI 1=+00012 OPEI 1=+00013 OPEI 1=+00021 OPEI 1=+00022 OPEI 1=+00101 OPEI 1=+00102 OPEI 1=+00103		
		LIGHT OUTPUT	min. max.		VXX: LOPI 2=+00100 VXX: LOPI 2=+01000	QVX: LOPI 2	LOPI 2=+00100 LOPI 2=+01000		
		MAX LIGHT OUTPUT	min.		VXX: LOPI 3=+00100	QVX: LOPI 3	LOPI 3=+00100		

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		LB423 SERIES
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R	
		max.		VXX: LOPI 3=+01000		LOPI 3=+01000		
	ECO MANAGEMENT-AUTO POWER SAVE	OFF ON		VXX: ECOI 0=+00000 VXX: ECOI 0=+00001	QVX: ECOI 0	ECOI 0=+00000 ECOI 0=+00001		
	ECO MANAGEMENT-AMBIENT LIGHT DETECTION	OFF ON		VXX: ECOI 1=+00000 VXX: ECOI 1=+00001	QVX: ECOI 1	ECOI 1=+00000 ECOI 1=+00001		
	ECO MANAGEMENT-SIGNAL DETECTION	OFF ON		VXX: ECOI 2=+00000 VXX: ECOI 2=+00001	QVX: ECOI 2	ECOI 2=+00000 ECOI 2=+00001		
	ECO MANAGEMENT-AV MUTE DETECTION	OFF ON		VXX: ECOI 3=+00000 VXX: ECOI 3=+00001	QVX: ECOI 3	ECOI 3=+00000 ECOI 3=+00001		
	POWER MANAGEMENT	OFF READY SHUTDOWN		VXX: ECOI 5=+00000 VXX: ECOI 5=+00001 VXX: ECOI 5=+00002	QVX: ECOI 5	ECOI 5=+00000 ECOI 5=+00001 ECOI 5=+00002		
	POWER MANAGEMENT-TIMER	5 MIN 120 MIN		VXX: ECOI 6=+00005 VXX: ECOI 6=+00120	QVX: ECOI 6	ECOI 6=+00005 ECOI 6=+00120		
	BRIGHTNESS CONTROL-SETUP-CALIBRATION TIME	OFF 00:01 23:59 00:00		VXX: BTMI 1=+00000 VXX: BTMI 1=+00001 VXX: BTMI 1=+02359 VXX: BTMI 1=+02400	QVX: BTMI 1	BTMI 1=+00000 BTMI 1=+00001 BTMI 1=+02359 BTMI 1=+02400		
	BRIGHTNESS CONTROL-SETUP-CALIBRATION MESSAGE	OFF ON		VXX: BMGI 1=+00000 VXX: BMGI 1=+00001	QVX: BMGI 1	BMGI 1=+00000 BMGI 1=+00001		
	BRIGHTNESS CONTROL-GAIN	20% 100%		VXX: TGAI 0=+00020 VXX: TGAI 0=+00100	QVX: TGAI 0	TGAI 0=+00020 TGAI 0=+00100		
	BRIGHTNESS CONTROL-SETUP-CONSTANT MDOE	OFF AUTO PC		VXX: BCMI 0=+00000 VXX: BCMI 0=+00001 VXX: BCMI 0=+00002	QVX: BCMI 0	BCMI 0=+00000 BCMI 0=+00001 BCMI 0=+00002		
	BRIGHTNESS CONTROL-SETUP-LINK	OFF GROUP A GROUP B GROUP C GROUP D		VXX: BCLI 0=+00000 VXX: BCLI 0=+00001 VXX: BCLI 0=+00002 VXX: BCLI 0=+00003 VXX: BCLI 0=+00004	QVX: BCLI 0	BCLI 0=+00000 BCLI 0=+00001 BCLI 0=+00002 BCLI 0=+00003 BCLI 0=+00004		
	BRIGHTNESS CONTROL-CHROMA CORRECTION	OFF ON		VXX: CHCI 1=+00000 VXX: CHCI 1=+00001	QVX: CHCI 1	CHCI 1=+00000 CHCI 1=+00001		
	BRIGHTNESS CONTROL-SETUP APPLY	APPLY		VXX: BCSI 0=+00001				
	STANDBY MODE	NORMAL NETWORK ECO		VXX: STMI 0=+00000 VXX: STMI 0=+00001 VXX: STMI 0=+00003	QVX: STMI 0	STMI 0=+00000 STMI 0=+00001 STMI 0=+00003		
	QUICK STARTUP	OFF ON		VXX: QSUI 1=+00000 VXX: QSUI 1=+00001	QVX: QSUI 1	QSUI 1=+00000 QSUI 1=+00001		
	QUICK STARTUP-VALID PERIOD	30MIN. 60MIN. 90MIN.		VXX: QSUI 2=+00030 VXX: QSUI 2=+00060 VXX: QSUI 2=+00090	QVX: QSUI 2	QSUI 2=+00030 QSUI 2=+00060 QSUI 2=+00090		
	SCHEDULE	OFF ON		VXX: SCHI 0=+00000 VXX: SCHI 0=+00001	QVX: SCHI 0	SCHI 0=+00000 SCHI 0=+00001		
	SCHEDULE-PROGRAM ASSIGN	OFF PROGRAM1 PROGRAM2 PROGRAM3 PROGRAM4 PROGRAM5 PROGRAM6 PROGRAM7		VXX: SPGI *=+00000 VXX: SPGI *=+00001 VXX: SPGI *=+00002 VXX: SPGI *=+00003 VXX: SPGI *=+00004 VXX: SPGI *=+00005 VXX: SPGI *=+00006 VXX: SPGI *=+00007	QVX: SPGI *	SPGI *=+00000 SPGI *=+00001 SPGI *=+00002 SPGI *=+00003 SPGI *=+00004 SPGI *=+00005 SPGI *=+00006 SPGI *=+00007		
		* PARAMETER	SUN MON TUE WED THU FRI SAT	VXX: SPGI 0=+0000* VXX: SPGI 1=+0000* VXX: SPGI 2=+0000* VXX: SPGI 3=+0000* VXX: SPGI 4=+0000* VXX: SPGI 5=+0000* VXX: SPGI 6=+0000*	QVX: SPGI 0 QVX: SPGI 1 QVX: SPGI 2 QVX: SPGI 3 QVX: SPGI 4 QVX: SPGI 5 QVX: SPGI 6	SPGI 0=+0000* SPGI 1=+0000* SPGI 2=+0000* SPGI 3=+0000* SPGI 4=+0000* SPGI 5=+0000* SPGI 6=+0000*		
	SCHEDULE-COMMAND SETTING	COMMAND Del STANDBY POWER ON SHUTTER OPEN SHUTTER CLOSE RGB1 INPUT RGB2 INPUT VIDEO INPUT DVI-D INPUT SDI1 INPUT HDMI1 INPUT HDMI2 INPUT SDI2 INPUT SDI3 INPUT SDI4 INPUT NETWORK INPUT SLOT1-1 INPUT SLOT1-2 INPUT SLOT2-3 INPUT SLOT2-4 INPUT NORMAL ECO LONG LIFE1 LONG LIFE2 LONG LIFE3 USER1(USER) USER2 USER3 SILENT HIGH SILENT1 SILENT2 SINGLE LAMP DUAL LAMP TRIPLE LAMP QUAD LAMP DIGITAL LINK INPUT 1 INPUT 2 INPUT 3 INPUT 4 INPUT 5 INPUT 6 INPUT 7 INPUT 8 INPUT 9 INPUT 10 Multi Display OFF Multi Display USER1 Multi Display USER2 Multi Display USER3 AUDIO IN STANDBY OFF AUDIO IN STANDBY ON QUICK STARTUP OFF QUICK STARTUP ON AUDIO VOLUME		VXX: SCCS *=*00**** VXX: SCCS *=*10**** VXX: SCCS *=*11**** VXX: SCCS *=*20**** VXX: SCCS *=*21**** VXX: SCCS *=*31**** VXX: SCCS *=*32**** VXX: SCCS *=*41**** VXX: SCCS *=*51**** VXX: SCCS *=*52**** VXX: SCCS *=*53**** VXX: SCCS *=*54**** VXX: SCCS *=*56**** VXX: SCCS *=*58**** VXX: SCCS *=*59**** VXX: SCCS *=*61**** VXX: SCCS *=*68**** VXX: SCCS *=*69**** VXX: SCCS *=*6A**** VXX: SCCS *=*6B**** VXX: SCCS *=*70**** VXX: SCCS *=*71**** VXX: SCCS *=*72**** VXX: SCCS *=*73**** VXX: SCCS *=*74**** VXX: SCCS *=*75**** VXX: SCCS *=*76**** VXX: SCCS *=*77**** VXX: SCCS *=*78**** VXX: SCCS *=*79**** VXX: SCCS *=*7A**** VXX: SCCS *=*7B**** VXX: SCCS *=*81**** VXX: SCCS *=*82**** VXX: SCCS *=*83**** VXX: SCCS *=*84**** VXX: SCCS *=*B0**** VXX: SCCS *=*B1**** VXX: SCCS *=*B2**** VXX: SCCS *=*B3**** VXX: SCCS *=*B4**** VXX: SCCS *=*B5**** VXX: SCCS *=*B6**** VXX: SCCS *=*B7**** VXX: SCCS *=*B8**** VXX: SCCS *=*B9**** VXX: SCCS *=*BA**** VXX: SCCS *=*90**** VXX: SCCS *=*91**** VXX: SCCS *=*92**** VXX: SCCS *=*93**** VXX: SCCS *=*A0**** VXX: SCCS *=*A1**** VXX: SCCS *=*A2**** VXX: SCCS *=*A3**** VXX: SCCS *=*C0**** VXX: SCCS *=*FF****	QVX: SCCS *=**	SCCS *=*00**** SCCS *=*10**** SCCS *=*11**** SCCS *=*20**** SCCS *=*21**** SCCS *=*31**** SCCS *=*32**** SCCS *=*41**** SCCS *=*51**** SCCS *=*52**** SCCS *=*53**** SCCS *=*54**** SCCS *=*56**** SCCS *=*58**** SCCS *=*59**** SCCS *=*61**** SCCS *=*68**** SCCS *=*69**** SCCS *=*6A**** SCCS *=*6B**** SCCS *=*70**** SCCS *=*71**** SCCS *=*72**** SCCS *=*73**** SCCS *=*74**** SCCS *=*75**** SCCS *=*76**** SCCS *=*77**** SCCS *=*78**** SCCS *=*79**** SCCS *=*7A**** SCCS *=*7B**** SCCS *=*81**** SCCS *=*82**** SCCS *=*83**** SCCS *=*84**** SCCS *=*B0**** SCCS *=*B1**** SCCS *=*B2**** SCCS *=*B3**** SCCS *=*B4**** SCCS *=*B5**** SCCS *=*B6**** SCCS *=*B7**** SCCS *=*B8**** SCCS *=*B9**** SCCS *=*BA**** SCCS *=*90**** SCCS *=*91**** SCCS *=*92**** SCCS *=*93**** SCCS *=*A0**** SCCS *=*A1**** SCCS *=*A2**** SCCS *=*A3**** SCCS *=*C0**** SCCS *=*FF****		

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R
PROJECTOR SETUP		* PARAMETER1	PROGRAM1	VXX: SCCS1=*****	QVX: SCCS1=**	SCCS1=*****	
			PROGRAM2	VXX: SCCS2=*****	QVX: SCCS2=**	SCCS2=*****	
			PROGRAM3	VXX: SCCS3=*****	QVX: SCCS3=**	SCCS3=*****	
		* PARAMETER2	PROGRAM4	VXX: SCCS4=*****	QVX: SCCS4=**	SCCS4=*****	
			PROGRAM5	VXX: SCCS5=*****	QVX: SCCS5=**	SCCS5=*****	
			PROGRAM6	VXX: SCCS6=*****	QVX: SCCS6=**	SCCS6=*****	
		* PARAMETER3	PROGRAM7	VXX: SCCS7=*****	QVX: SCCS7=**	SCCS7=*****	
			COMMAND 1	VXX: SCCS*=01*****	QVX: SCCS*=01	SCCS*=01*****	
	STARTUP INPUT SELECT		COMMAND 16	VXX: SCCS*=16*****	QVX: SCCS*=16	SCCS*=16*****	
			00:00	VXX: SCCS*=****0000		SCCS*=****0000	
			23:59	VXX: SCCS*=****2359		SCCS*=****2359	
			RGB1	VXX: SI SS1=RG1	QVX: SI SS1	SI SS1=RG1	
			RGB2	VXX: SI SS1=RG2		SI SS1=RG2	
			VIDEO	VXX: SI SS1=VI D		SI SS1=VI D	
			DVI-D	VXX: SI SS1=DVI		SI SS1=DVI	
			HDMI1	VXX: SI SS1=HD1		SI SS1=HD1	
HDMI2			VXX: SI SS1=HD2		SI SS1=HD2		
NETWORK			VXX: SI SS1=NWP		SI SS1=NWP		
DIGITAL LINK			VXX: SI SS1=DL1		SI SS1=DL1		
SDI1			VXX: SI SS1=SD1		SI SS1=SD1		
SDI2			VXX: SI SS1=SD2		SI SS1=SD2		
SDI3			VXX: SI SS1=SD3		SI SS1=SD3		
SDI4			VXX: SI SS1=SD4		SI SS1=SD4		
SLOT1 : SDI1			VXX: SI SS1=AU1, SD1		SI SS1=AU1, SD1		
SLOT1 : SDI2	VXX: SI SS1=AU1, SD2		SI SS1=AU1, SD2				
SLOT2 : SDI3	VXX: SI SS1=AU2, SD3		SI SS1=AU2, SD3				
SLOT2 : SDI4	VXX: SI SS1=AU2, SD4		SI SS1=AU2, SD4				
SLOT1 : HDMI1	VXX: SI SS1=AU1, HD1		SI SS1=AU1, HD1				
SLOT1 : HDMI2	VXX: SI SS1=AU1, HD2		SI SS1=AU1, HD2				
SLOT2 : HDMI3	VXX: SI SS1=AU2, HD3		SI SS1=AU2, HD3				
SLOT2 : HDMI4	VXX: SI SS1=AU2, HD4		SI SS1=AU2, HD4				
SLOT1 : DVI1	VXX: SI SS1=AU1, DV1		SI SS1=AU1, DV1				
SLOT1 : DVI2	VXX: SI SS1=AU1, DV2		SI SS1=AU1, DV2				
SLOT2 : DVI3	VXX: SI SS1=AU2, DV3		SI SS1=AU2, DV3				
SLOT2 : DVI4	VXX: SI SS1=AU2, DV4		SI SS1=AU2, DV4				
MEMORY VIEWER	VXX: SI SS1=MV1		SI SS1=MV1				
PANASONIC APPLICATION	VXX: SI SS1=PA1		SI SS1=PA1				
MIRRORING	VXX: SI SS1=MC1		SI SS1=MC1				
SIGNAGE	VXX: SI SS1=SI 1		SI SS1=SI 1				
LAST USED	VXX: SI SS1=LSU		SI SS1=LSU				
STARTUP INPUT SELECT (DIGITAL LINK)	LAST USED		VXX: SI SS2=+00000	QVX: SI SS2	SI SS2=+00000		
	INPUT1		VXX: SI SS2=+00001		SI SS2=+00001		
	INPUT2		VXX: SI SS2=+00002		SI SS2=+00002		
	INPUT3		VXX: SI SS2=+00003		SI SS2=+00003		
	INPUT4		VXX: SI SS2=+00004		SI SS2=+00004		
	INPUT5		VXX: SI SS2=+00005		SI SS2=+00005		
	INPUT6		VXX: SI SS2=+00006		SI SS2=+00006		
	INPUT7		VXX: SI SS2=+00007		SI SS2=+00007		
	INPUT8		VXX: SI SS2=+00008		SI SS2=+00008		
	INPUT9		VXX: SI SS2=+00009		SI SS2=+00009		
	INPIT10		VXX: SI SS2=+00010		SI SS2=+00010		
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: SLOI 1=+00000	QVX: SLOI 1	SLOI 1=+00000		
	10SEC.		VXX: SLOI 1=+00010		SLOI 1=+00010		
	20SEC.		VXX: SLOI 1=+00020		SLOI 1=+00020		
	30SEC.		VXX: SLOI 1=+00030		SLOI 1=+00030		
	1MIN.		VXX: SLOI 1=+00060		SLOI 1=+00060		
	2MIN.		VXX: SLOI 1=+00120		SLOI 1=+00120		
	3MIN.		VXX: SLOI 1=+00180		SLOI 1=+00180		
	5MIN.		VXX: SLOI 1=+00300		SLOI 1=+00300		
REMOTE2 - MODE	DEFAULT		VXX: RMPI 0=+00000	QVX: RMPI 0	RMPI 0=+00000		
	USER		VXX: RMPI 0=+00001		RMPI 0=+00001		
	F/FW SERIES		VXX: RMPI 0=+00003		RMPI 0=+00003		
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	
	RGB2		VXX: RMPS1=P*<RGB2		RMPS1=P*<RGB2		
	VIDEO		VXX: RMPS1=P*<VI DEO		RMPS1=P*<VI DEO		
	HDMI1		VXX: RMPS1=P*<HDMI 1		RMPS1=P*<HDMI 1		
	HDMI2		VXX: RMPS1=P*<HDMI 2		RMPS1=P*<HDMI 2		
	NETWORK		VXX: RMPS1=P*<NETWORK		RMPS1=P*<NETWORK		
	SDI1		VXX: RMPS1=P*<SD1		RMPS1=P*<SD1		
	SDI2		VXX: RMPS1=P*<SD2		RMPS1=P*<SD2		
	SDI3		VXX: RMPS1=P*<SD3		RMPS1=P*<SD3		
	SDI4		VXX: RMPS1=P*<SD4		RMPS1=P*<SD4		
	DIGITAL LINK		VXX: RMPS1=P*<DLINK		RMPS1=P*<DLINK		
	SLOT1 : SDI1		VXX: RMPS1=P*<AU1, SD1		RMPS1=P*<AU1, SD1		
	SLOT1 : SDI2		VXX: RMPS1=P*<AU1, SD2		RMPS1=P*<AU1, SD2		
	SLOT2 : SDI3		VXX: RMPS1=P*<AU2, SD3		RMPS1=P*<AU2, SD3		
	SLOT2 : SDI4		VXX: RMPS1=P*<AU2, SD4		RMPS1=P*<AU2, SD4		
	SLOT1 : HDMI1	VXX: RMPS1=P*<AU1, HD1		RMPS1=P*<AU1, HD1			
	SLOT1 : HDMI2	VXX: RMPS1=P*<AU1, HD2		RMPS1=P*<AU1, HD2			
	SLOT2 : HDMI3	VXX: RMPS1=P*<AU2, HD3		RMPS1=P*<AU2, HD3			
	SLOT2 : HDMI4	VXX: RMPS1=P*<AU2, HD4		RMPS1=P*<AU2, HD4			
	SLOT1 : DVI1	VXX: RMPS1=P*<AU1, DV1		RMPS1=P*<AU1, DV1			
	SLOT1 : DVI2	VXX: RMPS1=P*<AU1, DV2		RMPS1=P*<AU1, DV2			
	SLOT2 : DVI3	VXX: RMPS1=P*<AU2, DV3		RMPS1=P*<AU2, DV3			
	SLOT2 : DVI4	VXX: RMPS1=P*<AU2, DV4		RMPS1=P*<AU2, DV4			
REMOTE2 - PIN8	NONE		VXX: RMPS1=P8<NONE	QVX: RMPS1=P8	RMPS1=P8<NONE		
	POWER		VXX: RMPS1=P8<POWER		RMPS1=P8<POWER		
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		
	P IN P		OFC: 5		5		
	WAVEFORM MONITOR		OFC: 6		6		

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R
		LENS MEMORY LOAD PROJECTION METHOD * PARAMETER		OFC: 7 OFC: 10 OFC: *****		7 10 *****	
	DATE AND TIME-DATE SETTING	Year: yyyy Month: mm Date: dd Day:w(1~7:Mon~Sun)		TSD: 201506151 TSD: <i>yyymddw</i>	QCD	201506161 <i>yyymddw</i>	
	DATE AND TIME-TIME SETTING	Hour: hh Minute: mm Second: ss		TST: 154503 TST: <i>hhmmss</i>	QGT	154503 <i>hhmmss</i>	
	DATE AND TIME-NTP SYNCHRONIZATION	OFF ON		VXX: NTPI 0=+00000 VXX: NTPI 0=+00001	QVX: NTPI 0	NTPI 0=+00000 NTPI 0=+00001	
	LENS CALIBRATION	EXECUTE		VXX: LNSI 0=+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 MOMORY-LOAD	LENS MEMORY1 LENS MEMORY2 LENS MEMORY3 LENS MEMORY4 LENS MEMORY5 LENS MEMORY6 LENS MEMORY7 LENS MEMORY8 LENS MEMORY9 LENS MEMORY10		VXX: LNMI 1=+00000 VXX: LNMI 1=+00001 VXX: LNMI 1=+00002 VXX: LNMI 1=+00003 VXX: LNMI 1=+00004 VXX: LNMI 1=+00005 VXX: LNMI 1=+00006 VXX: LNMI 1=+00007 VXX: LNMI 1=+00008 VXX: LNMI 1=+00009			
	LENS MOMORY-SAVE	LENS MEMORY1 LENS MEMORY2 LENS MEMORY3 LENS MEMORY4 LENS MEMORY5 LENS MEMORY6 LENS MEMORY7 LENS MEMORY8 LENS MEMORY9 LENS MEMORY10		VXX: LNMI 2=+00000 VXX: LNMI 2=+00001 VXX: LNMI 2=+00002 VXX: LNMI 2=+00003 VXX: LNMI 2=+00004 VXX: LNMI 2=+00005 VXX: LNMI 2=+00006 VXX: LNMI 2=+00007 VXX: LNMI 2=+00008 VXX: LNMI 2=+00009			
	LENS MOMORY-DELETE	LENS MEMORY1 LENS MEMORY2 LENS MEMORY3 LENS MEMORY4 LENS MEMORY5 LENS MEMORY6 LENS MEMORY7 LENS MEMORY8 LENS MEMORY9 LENS MEMORY10		VXX: LNMI 3=+00000 VXX: LNMI 3=+00001 VXX: LNMI 3=+00002 VXX: LNMI 3=+00003 VXX: LNMI 3=+00004 VXX: LNMI 3=+00005 VXX: LNMI 3=+00006 VXX: LNMI 3=+00007 VXX: LNMI 3=+00008 VXX: LNMI 3=+00009			
	LENS MEMORY1-DEFAULT NAME	LENSMEMORY1		VXX: NCLI 5=+00000			
	LENS MEMORY2-DEFAULT NAME	LENSMEMORY2		VXX: NCLI 6=+00000			
	LENS MEMORY3-DEFAULT NAME	LENSMEMORY3		VXX: NCLI 7=+00000			
	LENS MEMORY4-DEFAULT NAME	LENSMEMORY4		VXX: NCLI 9=+00000			
	LENS MEMORY5-DEFAULT NAME	LENSMEMORY5		VXX: NCLI A=+00000			
	LENS MEMORY6-DEFAULT NAME	LENSMEMORY6		VXX: NCLI B=+00000			
	LENS MEMORY7-DEFAULT NAME	LENSMEMORY7		VXX: NCLI C=+00000			
	LENS MEMORY8-DEFAULT NAME	LENSMEMORY8		VXX: NCLI D=+00000			
	LENS MEMORY9-DEFAULT NAME	LENSMEMORY9		VXX: NCLI E=+00000			
	LENS MEMORY10-DEFAULT NAME	LENSMEMORY10		VXX: NCLI F=+00000			
	INITIALIZE-ALL USER DATA	USER INITILIZE USER RESTORE		VXX: RSTS1=0password VXX: RSTS1=1password			
	INITIAL START UP	STANDBY ON LAST MEMORY		OPY: 0 OPY: 1 OPY: 2	QPY	0 1 2	
	EMULATE	DEFAULT D3500 D4000 D/W5k SERIES D/W/Z6k SERIES L730 L780 L735 L785 LB/W SERIES F/W SERIES LZ370 VX500 SERIES EZ570 SERIES VW431D SERIES		VXX: EMUI 0=+00001 VXX: EMUI 0=+00002 VXX: EMUI 0=+00003 VXX: EMUI 0=+00004 VXX: EMUI 0=+00005 VXX: EMUI 0=+00006 VXX: EMUI 0=+00007 VXX: EMUI 0=+00008 VXX: EMUI 0=+00009 VXX: EMUI 0=+00010 VXX: EMUI 0=+00011 VXX: EMUI 0=+00012 VXX: EMUI 0=+00013 VXX: EMUI 0=+00014 VXX: EMUI 0=+00015	QVX: EMUI 0	EMUI 0=+00001 EMUI 0=+00002 EMUI 0=+00003 EMUI 0=+00004 EMUI 0=+00005 EMUI 0=+00006 EMUI 0=+00007 EMUI 0=+00008 EMUI 0=+00009 EMUI 0=+00010 EMUI 0=+00011 EMUI 0=+00012 EMUI 0=+00013 EMUI 0=+00014 EMUI 0=+00015	
	AUDIO SETTING-VOLUME	0 63		AVL: 000 AVL: 063	QAV	000 063	
	AUDIO SETTING-BALANCE	-16 16		ABL: - 16 ABL: 016	QBL	- 16 16	
	AUDIO SETTING-IN STANDBY MODE	OFF ON		VXX: ASBI 0=+00000 VXX: ASBI 0=+00001	QVX: ASBI 0	ASBI 0=+00000 ASBI 0=+00001	
	AUDIO SETTING-IN SHUTTER MODE	OFF ON		VXX: ASHI 0=+00000 VXX: ASHI 0=+00001	QVX: ASHI 0	ASHI 0=+00000 ASHI 0=+00001	
	AUDIO SETTING-AUDIO IN SELECT-COMPUTER1	AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 0=+00000 VXX: AINI 0=+00001 VXX: AINI 0=+00002	QVX: AINI 0	AINI 0=+00000 AINI 0=+00001 AINI 0=+00002	
	AUDIO SETTING-AUDIO IN SELECT-COMPUTER2	AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 1=+00000 VXX: AINI 1=+00001 VXX: AINI 1=+00002	QVX: AINI 1	AINI 1=+00000 AINI 1=+00001 AINI 1=+00002	
	AUDIO SETTING-AUDIO IN SELECT-HDMI1	HDMI1 AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 3=+00003 VXX: AINI 3=+00000 VXX: AINI 3=+00001 VXX: AINI 3=+00002	QVX: AINI 3	AINI 3=+00003 AINI 3=+00000 AINI 3=+00001 AINI 3=+00002	
	AUDIO SETTING-AUDIO IN SELECT-VIDEO	AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 4=+00000 VXX: AINI 4=+00001 VXX: AINI 4=+00002	QVX: AINI 4	AINI 4=+00000 AINI 4=+00001 AINI 4=+00002	
	AUDIO SETTING-AUDIO IN SELECT-S-VIDEO	AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 5=+00000 VXX: AINI 5=+00001 VXX: AINI 5=+00002	QVX: AINI 5	AINI 5=+00000 AINI 5=+00001 AINI 5=+00002	
	AUDIO SETTING-AUDIO IN SELECT-NETWORK	NETWORK/USB AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 6=+00004 VXX: AINI 6=+00000 VXX: AINI 6=+00001 VXX: AINI 6=+00002	QVX: AINI 6	AINI 6=+00004 AINI 6=+00000 AINI 6=+00001 AINI 6=+00002	
	AUDIO SETTING-AUDIO IN SELECT-HDMI2	HDMI2 AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 7=+00003 VXX: AINI 7=+00000 VXX: AINI 7=+00001 VXX: AINI 7=+00002	QVX: AINI 7	AINI 7=+00003 AINI 7=+00000 AINI 7=+00001 AINI 7=+00002	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R
AUDIO	AUDIO SETTING-AUDIO IN SELECT-DIGITAL LINK	DIGITAL LINK AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 8=+00005 VXX: AINI 8=+00000 VXX: AINI 8=+00001 VXX: AINI 8=+00002	QVX: AINI 8	AINI 8=+00005 AINI 8=+00000 AINI 8=+00001 AINI 8=+00002	
	AUDIO SETTING-MIC	OFF ON		VXX: MICI 1=+00000 VXX: MICI 1=+00001	QVX: MICI 1	MICI 1=+00000 MICI 1=+00001	
	AUDIO SETTING-MIC GAIN	0 63		VXX: MICI 2=+00000 VXX: MICI 2=+00063	QVX: MICI 2	MICI 2=+00000 MICI 2=+00063	
	AUDIO SETTING-Bluetooth AUDIO	OFF ON		VXX: BLTI 1=+00000 VXX: BLTI 1=+00001	QVX: BLTI 1	BLTI 1=+00000 BLTI 1=+00001	
	AUDIO SETTING-PAIRING			VXX: BLTI 2=+00000			
	AUDIO SETTING-PAIRING RESET			VXX: BLTI 3=+00000			
	AUDIO SETTING-Bluetooth-STATUS	CONNECTED SEARCHING PAIRING DISCONNECTION			QVX: BLTI 4	BLTI 4=+00001 BLTI 4=+00002 BLTI 4=+00003 BLTI 4=+00004	
	EASY SETTING-FOCUS ASSIST	OFF ON		VXX: ESSI 1=+00000 VXX: ESSI 1=+00001	QVX: ESSI 1	ESSI 1=+00000 ESSI 1=+00001	
	EASY SETTING-SCREEN FIT	OFF FULL ORIGINAL		VXX: ESSI 2=+00000 VXX: ESSI 2=+00001 VXX: ESSI 2=+00002	QVX: ESSI 2	ESSI 2=+00000 ESSI 2=+00001 ESSI 2=+00002	
	EASY SETTING-COLOR BOARD	OFF ON		VXX: ESSI 3=+00000 VXX: ESSI 3=+00001	QVX: ESSI 3	ESSI 3=+00000 ESSI 3=+00001	
	FILTER COUNTER-TIMER	OFF 1000H 2000H 3000H 4000H 5000H 6000H 7000H 8000H 9000H 10000H 11000H 12000H 13000H 14000H 15000H 16000H		VXX: FCTI 1=+00000 VXX: FCTI 1=+01000 VXX: FCTI 1=+02000 VXX: FCTI 1=+03000 VXX: FCTI 1=+04000 VXX: FCTI 1=+05000 VXX: FCTI 1=+06000 VXX: FCTI 1=+07000 VXX: FCTI 1=+08000 VXX: FCTI 1=+09000 VXX: FCTI 1=+10000 VXX: FCTI 1=+11000 VXX: FCTI 1=+12000 VXX: FCTI 1=+13000 VXX: FCTI 1=+14000 VXX: FCTI 1=+15000 VXX: FCTI 1=+16000	QVX: FCTI 1	FCTI 1=+00000 FCTI 1=+01000 FCTI 1=+02000 FCTI 1=+03000 FCTI 1=+04000 FCTI 1=+05000 FCTI 1=+06000 FCTI 1=+07000 FCTI 1=+08000 FCTI 1=+09000 FCTI 1=+10000 FCTI 1=+11000 FCTI 1=+12000 FCTI 1=+13000 FCTI 1=+14000 FCTI 1=+15000 FCTI 1=+16000	
	FILTER COUNTER-RESET			VXX: FCTI 2=+00000			
	MODEL NAME	MODEL NAME			QID	MODELNAME	
	SERIAL NUMBER	SW0101234			QSN	SW0101234	✓
	PROJECTOR RUNTIME	99999H			QVX: RTMI 0	RTMI 0=99999	✓
	PROJECTOR RUNTIME	7864320H			QVX: RTMS 1	RTMS 1=7864320	
	LAMP RUNTIME	9999H			QSL	9999	✓
	LAMP1(LIGHT1) RUNTIME	9999H			QSL: 1	9999	
	LAMP2(LIGHT2) RUNTIME	9999H			QSL: 2	9999	
	LAMP3(LIGHT4) RUNTIME	9999H			QSL: 3	9999	
	LAMP4(LIGHT4) RNTIME	9999H			QSL: 4	9999	
	LIGHT RUNTIME	7864320H			QVX: LRTS 1	LRTS 1=7864320	
	LIGHT1 RUNTIME	7864320H			QVX: LRTS3=00	LRTS3=00: 7864320	
	LIGHT2 RUNTIME	7864320H			QVX: LRTS3=01	LRTS3=01: 7864320	
	LIGHT STATUS	ALL OFF 1:ON, 2:OFF 1:OFF, 2:ON ALL ON			QLS	0 1 2 3	
	LAMP STATUS	ALL OFF ALL ON 1:ON, 4:ON 2:ON, 3:ON 1:ON, 2:ON, 3:ON 1:ON, 2:ON, 4:ON 1:ON, 3:ON, 4:ON 2:ON, 3:ON, 4:ON 1:ON 2:ON 3:ON 4:ON			QLS	0 1 2 3 4 5 6 7 8 9 10 11	
	LAMP UNIT MODEL NUMBER	LAMP MODELNAME			QVX: LMNSO	LMNSO=LAMPMODELNO	
	LAMP UNIT SERIAL NUMBER	12345-67890			QVX: LSNSO	LSNSO=12345-	
	AIR FILTER MODEL NUMBER	FILTER MODELNAME			QVX: FMNSO	FMNSO=FILTERMODELNO	
	AIR FILTER TYPE	NORMAL SPECIAL		MFS: 3 MFS: 4	QFI: 2	0 1	
	FILTER COUNTER	99999H			QFI: 0	99999	
	MAC ADDRESS	AB0102030405			QMA	AB0102030405	
	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) CHANNEL2 (SUB CH) CHANNEL3 CHANNEL4			QVX: NSGS1 QVX: NSGS2 QVX: NSGS3 QVX: NSGS4	NSGS1=*****..... NSGS2=*****..... NSGS3=*****..... NSGS4=*****.....		
SIGNAGE - PLAY MODE	SCHEDULE SLIDE SHOW		VXX: SIGI 1=+00001 VXX: SIGI 1=+00002	QVX: SIGI 1	SIGI 1=+00001 SIGI 1=+00002		
SIGNAGE - RESTART OPTION - POWER	DISABLE ENABLE		VXX: SIGI 2=+00000 VXX: SIGI 2=+00001	QVX: SIGI 2	SIGI 2=+00000 SIGI 2=+00001		
SIGNAGE - RESTART OPTION - IMAGE CONTENT	DISABLE ENABLE		VXX: SIGI 3=+00000 VXX: SIGI 3=+00001	QVX: SIGI 3	SIGI 3=+00000 SIGI 3=+00001		
DIRECT PLAY	MEMORY VIEWER CONTENT MANAGER		VXX: DPSI 1=+00001 VXX: DPSI 1=+00002	QVX: DPSI 1	DPSI 1=+00001 DPSI 1=+00002		
DC OUT	OFF ON ERROR		VXX: DCOI 1=+00000 VXX: DCOI 1=+00001	QVX: DCOI 1	DCOI 1=+00000 DCOI 1=+00001 DCOI 1=+00002		
P IN P-MODE	OFF SIDE BY SIDE P IN P		OPP: 0 OPP: 1 OPP: 2	QPP	0 1 2		
P IN P-MODE	OFF USER1 USER2 USER3		OPP: 0 OPP: 1 OPP: 2 OPP: 3	QPP	0 1 2 3		
P IN P-MAIN WINDOW	RGB1 RGB2 VIDEO DVI HDMI1 HDMI2 DIGITAL LINK SDI1 SDI2		MSI: RG1 MSI: RG2 MSI: VID MSI: DVI MSI: HD1 MSI: HD2 MSI: DL1 MSI: SD1 MSI: SD2	QIM	RG1 RG2 VID DVI HD1 HD2 DL1 SD1 SD2		
P IN P-MAIN WINDOW-SIZE-INTERLOCKED	OFF ON		MSL: 0 MSL: 1				
P IN P-MAIN WINDOW-SIZE-VERTICAL	10 100		MSV: 010 MSV: 100				
P IN P-MAIN WINDOW-SIZE-	10		MSH: 010				

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES	
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R	
P IN P	HORIZONTAL	100		MSH: 100				
	P IN P-MAIN WIDNOW-SIZE-BOTH	10 100		MSZ: 010 MSZ: 100				
	P IN P-MAIN WIDNOW-POSITION-VERTICAL	min. max.		MPV: - 600 MPV: +600				
	P IN P-MAIN WIDNOW-POSITION-HORIZONTAL	min. max.		MPH: - 960 MPH: +960				
	P IN P-MAIN WINDOW-SIZE	INTERLOCKED	OFF ON			QSM	OF. VO10. H010. HV100 ON. VO10. H010. HV100 *. VO10. H***. HV***	
		VERTICAL SIZE	10-100				*. V***. H010. HV***	
		HORIZONTAL SIZE	10-100				*. V***. H***. HV100	
		H/V SIZE	10-100					
	P IN P-MAIN WINDOW-POSITION	V:-364 +364 H:-651 +651				QPA	V- 364. H- 651 V+364. H+651	
	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	
		HDMI2			SIS: HD2		HD2	
		DIGITAL LINK			SIS: DL1		DL1	
	SD1			SIS: SD1	SD1			
	SD2			SIS: SD2	SD2			
	P IN P-SUB WINDOW-SIZE	INTERLOCKED	OFF ON			QSS	OF. VO10. H010. HV100 ON. VO10. H010. HV100 *. VO10. H***. HV***	
		VERTICAL SIZE	10-100				*. V***. H010. HV***	
HORIZONTAL SIZE		10-100				*. V***. H***. HV100		
H/V SIZE		10-100						
P IN P-SUB WINDOW-POSITION	V:-364 +364 H:-651 +651				QPS	V- 364. H- 651 V+364. H+651		
P IN P-SUB WIDNOW-SIZE-INTERLOCKED	OFF ON		SSL: 0 SSL: 1			0 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 WINDOW-SIZE	SMALL		SSZ: 030		QSS	030		
	MIDDLE		SSZ: 040			040		
	LARGE		SSZ: 050			050		
P IN P-SUB WIDNOW-POSITION-VERTICAL	-600 +600		SPV: - 600 SPV: +600			- 600 +600		
	-960 +960		SPH: - 960 SPH: +960			- 960 +960		
P IN P-SUB WINDOW-POSITION	UPPER LEFT		VXX: SPPI 1=+00001		QVX: SPPI 1	SPPI 1=+00001		
	LOWER LEFT		VXX: SPPI 1=+00003			SPPI 1=+00003		
	UPPER RIGHT		VXX: SPPI 1=+00007			SPPI 1=+00007		
	LOWER RIGHT		VXX: SPPI 1=+00009			SPPI 1=+00009		
P IN P-SUB WINDOW-CLOCK PHASE	0		VXX: SCPI 0=+00000		QVX: SCPI 0	SCPI 0=+00000		
	31		VXX: SCPI 0=+00031			SCPI 0=+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		
MULTI DISPLAY	MULTI DISPLAY - MODE	OFF USER1 USER2 USER3		VXX: MDMI 1=+00000 VXX: MDMI 1=+00001 VXX: MDMI 1=+00002 VXX: MDMI 1=+00003		QVX: MDMI 1	MDMI 1=+00000 MDMI 1=+00001 MDMI 1=+00002 MDMI 1=+00003	
	MULTI DISPLAY INPUT - UPPER LEFT	RGB1		VXX: MDI S1=RG1		QVX: MDI S1	MDI S1=RG1	
		RGB2		VXX: MDI S1=RG2			MDI S1=RG2	
		VIDEO		VXX: MDI S1=VI D			MDI S1=VI D	
		S-VIDEO		VXX: MDI S1=SVD			MDI S1=SVD	
		DVI		VXX: MDI S1=DVI			MDI S1=DVI	
		HDMI		VXX: MDI S1=HD1			MDI S1=HD1	
		DIGITAL LINK		VXX: MDI S1=DL1			MDI S1=DL1	
		SD1		VXX: MDI S1=SD1			MDI S1=SD1	
		SDI2		VXX: MDI S1=SD2			MDI S1=SD2	
		SDI3		VXX: MDI S1=SD3			MDI S1=SD3	
		SDI4		VXX: MDI S1=SD4			MDI S1=SD4	
SLOT1 : SDI1		VXX: MDI S1=AU1, SD1		MDI S1=AU1, SD1				
SLOT1 : SDI2		VXX: MDI S1=AU1, SD2		MDI S1=AU1, SD2				
SLOT2 : SDI3		VXX: MDI S1=AU2, SD3		MDI S1=AU2, SD3				
SLOT2 : SDI4		VXX: MDI S1=AU2, SD4		MDI S1=AU2, SD4				
SLOT1 : HDMI1		VXX: MDI S1=AU1, HD1		MDI S1=AU1, HD1				
SLOT1 : HDMI2		VXX: MDI S1=AU1, HD2		MDI S1=AU1, HD2				
SLOT2 : HDMI3		VXX: MDI S1=AU2, HD3		MDI S1=AU2, HD3				
SLOT2 : HDMI4		VXX: MDI S1=AU2, HD4		MDI S1=AU2, HD4				
SLOT1 : DVI1		VXX: MDI S1=AU1, DV1		MDI S1=AU1, DV1				
SLOT1 : DVI2		VXX: MDI S1=AU1, DV2		MDI S1=AU1, DV2				
SLOT2 : DVI3		VXX: MDI S1=AU2, DV3		MDI S1=AU2, DV3				
SLOT2 : DVI4		VXX: MDI S1=AU2, DV4		MDI S1=AU2, DV4				
MULTI DISPLAY INPUT - UPPER RIGHT	RGB1		VXX: MDI S2=RG1		QVX: MDI S2	MDI S2=RG1		
	RGB2		VXX: MDI S2=RG2			MDI S2=RG2		
	VIDEO		VXX: MDI S2=VI D			MDI S2=VI D		
	S-VIDEO		VXX: MDI S2=SVD			MDI S2=SVD		
	DVI		VXX: MDI S2=DVI			MDI S2=DVI		
	HDMI		VXX: MDI S2=HD1			MDI S2=HD1		
	DIGITAL LINK		VXX: MDI S2=DL1			MDI S2=DL1		
	SDI1		VXX: MDI S2=SD1			MDI S2=SD1		
	SDI2		VXX: MDI S2=SD2			MDI S2=SD2		
	SDI3		VXX: MDI S2=SD3			MDI S2=SD3		
	SDI4		VXX: MDI S2=SD4			MDI S2=SD4		
SLOT1 : SDI1		VXX: MDI S2=AU1, SD1		MDI S2=AU1, SD1				
SLOT1 : SDI2		VXX: MDI S2=AU1, SD2		MDI S2=AU1, SD2				
SLOT2 : SDI3		VXX: MDI S2=AU2, SD3		MDI S2=AU2, SD3				
SLOT2 : SDI4		VXX: MDI S2=AU2, SD4		MDI S2=AU2, SD4				
SLOT1 : HDMI1		VXX: MDI S2=AU1, HD1		MDI S2=AU1, HD1				
SLOT1 : HDMI2		VXX: MDI S2=AU1, HD2		MDI S2=AU1, HD2				
SLOT2 : HDMI3		VXX: MDI S2=AU2, HD3		MDI S2=AU2, HD3				
SLOT2 : HDMI4		VXX: MDI S2=AU2, HD4		MDI S2=AU2, HD4				
SLOT1 : DVI1		VXX: MDI S2=AU1, DV1		MDI S2=AU1, DV1				
SLOT1 : DVI2		VXX: MDI S2=AU1, DV2		MDI S2=AU1, DV2				
SLOT2 : DVI3		VXX: MDI S2=AU2, DV3		MDI S2=AU2, DV3				
SLOT2 : DVI4		VXX: MDI S2=AU2, DV4		MDI S2=AU2, DV4				
MULTI DISPLAY INPUT - LOWER LEFT	RGB1		VXX: MDI S3=RG1		QVX: MDI S3	MDI S3=RG1		
	RGB2		VXX: MDI S3=RG2			MDI S3=RG2		
	VIDEO		VXX: MDI S3=VI D			MDI S3=VI D		
	S-VIDEO		VXX: MDI S3=SVD			MDI S3=SVD		
	DVI		VXX: MDI S3=DVI			MDI S3=DVI		
	HDMI		VXX: MDI S3=HD1			MDI S3=HD1		
	DIGITAL LINK		VXX: MDI S3=DL1			MDI S3=DL1		
SDI1		VXX: MDI S3=SD1		MDI S3=SD1				
SDI2		VXX: MDI S3=SD2		MDI S3=SD2				
SDI3		VXX: MDI S3=SD3		MDI S3=SD3				

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R
		SDI4 SLOT1 : SDI1 SLOT1 : SDI2 SLOT2 : SDI3 SLOT2 : SDI4 SLOT1 : HDMI1 SLOT1 : HDMI2 SLOT2 : HDMI3 SLOT2 : HDMI4 SLOT1 : DVI1 SLOT1 : DVI2 SLOT2 : DVI3 SLOT2 : DVI4		VXX: MDI S3=SD4 VXX: MDI S3=AU1, SD1 VXX: MDI S3=AU1, SD2 VXX: MDI S3=AU2, SD3 VXX: MDI S3=AU2, SD4 VXX: MDI S3=AU1, HD1 VXX: MDI S3=AU1, HD2 VXX: MDI S3=AU2, HD3 VXX: MDI S3=AU2, HD4 VXX: MDI S3=AU1, DV1 VXX: MDI S3=AU1, DV2 VXX: MDI S3=AU2, DV3 VXX: MDI S3=AU2, DV4		MDI S3=SD4 MDI S3=AU1, SD1 MDI S3=AU1, SD2 MDI S3=AU2, SD3 MDI S3=AU2, SD4 MDI S3=AU1, HD1 MDI S3=AU1, HD2 MDI S3=AU2, HD3 MDI S3=AU2, HD4 MDI S3=AU1, DV1 MDI S3=AU1, DV2 MDI S3=AU2, DV3 MDI S3=AU2, DV4	
	MULTI DISPLAY INPUT - LOWER RIGHT	RGB1 RGB2 VIDEO S-VIDEO DVI HDMI DIGITAL LINK SDI1 SDI2 SDI3 SDI4 SLOT1 : SDI1 SLOT1 : SDI2 SLOT2 : SDI3 SLOT2 : SDI4 SLOT1 : HDMI1 SLOT1 : HDMI2 SLOT2 : HDMI3 SLOT2 : HDMI4 SLOT1 : DVI1 SLOT1 : DVI2 SLOT2 : DVI3 SLOT2 : DVI4		VXX: MDI S4=RG1 VXX: MDI S4=RG2 VXX: MDI S4=VID VXX: MDI S4=SVD VXX: MDI S4=DVI VXX: MDI S4=HD1 VXX: MDI S4=DL1 VXX: MDI S4=SD1 VXX: MDI S4=SD2 VXX: MDI S4=SD3 VXX: MDI S4=SD4 VXX: MDI S4=AU1, SD1 VXX: MDI S4=AU1, SD2 VXX: MDI S4=AU2, SD3 VXX: MDI S4=AU2, SD4 VXX: MDI S4=AU1, HD1 VXX: MDI S4=AU1, HD2 VXX: MDI S4=AU2, HD3 VXX: MDI S4=AU2, HD4 VXX: MDI S4=AU1, DV1 VXX: MDI S4=AU1, DV2 VXX: MDI S4=AU2, DV3 VXX: MDI S4=AU2, DV4	QVX: MDI S4	MDI S4=RG1 MDI S4=RG2 MDI S4=VID MDI S4=SVD MDI S4=DVI MDI S4=HD1 MDI S4=DL1 MDI S4=SD1 MDI S4=SD2 MDI S4=SD3 MDI S4=SD4 MDI S4=AU1, SD1 MDI S4=AU1, SD2 MDI S4=AU2, SD3 MDI S4=AU2, SD4 MDI S4=AU1, HD1 MDI S4=AU1, HD2 MDI S4=AU2, HD3 MDI S4=AU2, HD4 MDI S4=AU1, DV1 MDI S4=AU1, DV2 MDI S4=AU2, DV3 MDI S4=AU2, DV4	
	MULTI DISPLAY - FRAME LOCK WINDOW	UPPER LEFT UPPER RIGHT LOWER LEFT LOWER RIGHT		VXX: MDFI 1=+00001 VXX: MDFI 1=+00002 VXX: MDFI 1=+00003 VXX: MDFI 1=+00004	QVX: MDFI 1	MDFI 1=+00001 MDFI 1=+00002 MDFI 1=+00003 MDFI 1=+00004	
TEST PATTERN	White Color Bar H White Cross on Black Black Cross on White Cross Hatch Convergence Off White Black Window Reversed Window Cross Hatch Color Bar V Convergence Black Cross on White White Cross on Black Color Bar H Color Bar Side 16:9/4:3 Gradation 1 Gradation 2 Gradation 3 Gradation 4 Focus Red Focus Green Focus Blue Focus Cyan Focus Magenta Focus Yellow 3D-1 3D-2 3D-3 3D-4		OTS: 0 OTS: 1 OTS: 2 OTS: 3 OTS: 4 OTS: 9 OTS: 00 OTS: 01 OTS: 02 OTS: 05 OTS: 06 OTS: 07 OTS: 08 OTS: 11 OTS: 18 OTS: 19 OTS: 51 OTS: 51 OTS: 59 OTS: 60 OTS: 61 OTS: 62 OTS: 63 OTS: 70 OTS: 71 OTS: 72 OTS: 73 OTS: 74 OTS: 75 OTS: 80 OTS: 81 OTS: 82 OTS: 83	QTS	0 1 2 3 4 9 00 01 02 05 06 07 08 11 18 19 51 51 59 60 61 62 63 70 71 72 73 74 75 78 80 81 82 83		
SIGNAL LIST	SIGNAL LIST-REGISTRATION		OEM				
	SIGNAL LIST-DELETE	A1 A2 A7 A8 L1 L2 L7 L8	ODM A1 ODM A2 ODM A7 ODM A8 ODM L1 ODM L2 ODM L7 ODM L8				
	SUB MEMORY LIST-CHANGEVER	01 96	OCS: 01 OCS: 96				
	SUB MEMORY LIST-CHANGEVER (EXTENDED)	01 96	OCS: 01- 01 OCS: 95- 96				
	SUB MEMORY LIST-REGISTRATION		OES				
	SUB MEMORY LIST-DELETE	01 96	ODS: 01- 01 ODS: 95- 96				
	SUB MEMORY USAGE STATE	01 96		QSB	01 96		
SECURITY	SECURITY SETTING	OFF ON		QVX: SPWI 1	SPWI 1=+00000 SPWI 1=+00001		
	WIRELESS LAN	OFF USER1 USER2 USER3 S-DIRECT M-DIRECT SIMPLE	ONS: 0 ONS: 5 ONS: 6 ONS: 7 ONS: 11 ONS: 12 ONS: 13	QVX: WLSI 1	WLSI 1=+00000 WLSI 1=+00005 WLSI 1=+00006 WLSI 1=+00007 WLSI 1=+00011 WLSI 1=+00012 WLSI 1=+00013		
	CONNECTION LOCK	OFF Panasonic APPLICATION Miracast/Mirroring MEMORY VIEWER	VXX: COLI 1=+00000 VXX: COLI 1=+00001 VXX: COLI 1=+00002 VXX: COLI 1=+00003	QVX: COLI 1	COLI 1=+00000 COLI 1=+00001 COLI 1=+00002 COLI 1=+00003		
	DIGITAL LINK MODE	AUTO DIGITAL LINK ETHERNET LONG REACH MODE	VXX: DKMI 1=+00001 VXX: DKMI 1=+00002 VXX: DKMI 1=+00003 VXX: DKMI 1=+00004	QVX: DKMI 1	DKMI 1=+00001 DKMI 1=+00002 DKMI 1=+00003 DKMI 1=+00004		
	DIGITAL LINK-DUPLEX(Ethernet)	Auto negotiation 100BaseTX-Full 100BaseTX-Half	VXX: DKDI 1=+00000 VXX: DKDI 1=+00001 VXX: DKDI 1=+00002	QVX: DKDI 1	DKDI 1=+00000 DKDI 1=+00001 DKDI 1=+00002		
	DIGITAL LINK-DUPLEX(DIGITAL LINK)	Auto negotiation 100BaseTX-Full 100BaseTX-Half	VXX: DKDI 2=+00000 VXX: DKDI 2=+00001 VXX: DKDI 2=+00002	QVX: DKDI 2	DKDI 2=+00000 DKDI 2=+00001 DKDI 2=+00002		

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		LB423 SERIES	
				COMMANDS	COMMANDS	CALL BACK	LB423 TW351R	
NETWORK	DIGITAL LINK STATUS-LINK	NO LINK DIGITAL LINK LPM ETHERNET				QVX: DKSI 1	DKSI 1=+00000 DKSI 1=+00001 DKSI 1=+00002 DKSI 1=+00003	
	DIGITAL LINK STATUS-HDCP STATUS	NO SIGNAL OFF ON				QVX: DKSI 2	DKSI 2=+00000 DKSI 2=+00001 DKSI 2=+00002	
	DIGITAL LINK STATUS-SIGNAL QUALITY (MIN)	-255 0				QVX: DKSI 3	DKSI 3=- 00255 DKSI 3=+00000	
	DIGITAL LINK STATUS-SIGNAL QUALITY (MAX)	-255 0				QVX: DKSI 4	DKSI 4=- 00255 DKSI 4=+00000	
	DIGITAL LINK INPUT CH LIST	HD1:HDMI1,HD2:HDMI2...				QVX: DL1S1	DL1S1=HD1: HDMI 1, ****: ***	
	PROJECTOR NAME SETTING	PROJECTOR1			VXX: NCGS8=PROJECTOR1	QVX: NCGS8	NCGS8=PROJECTOR1	
	Art-Net SETUP	OFF ON ON(2.*.*) ON(10.*.*) ON(MANUAL)			VXX: DANI 1=+00000 VXX: DANI 1=+00001 VXX: DANI 1=+00002 VXX: DANI 1=+00003 VXX: DANI 1=+00004	QVX: DANI 1	DANI 1=+00000 DANI 1=+00001 DANI 1=+00002 DANI 1=+00003 DANI 1=+00004	
	Art-Net SETUP-PORT ADDRESS	OFF 32767			VXX: DANI 2=+00000 VXX: DANI 2=+32767	QVX: DANI 2	DANI 2=+00000 DANI 2=+32767	
	Art-Net SETUP-START ADDRESS	1 501			VXX: DANI 3=+00001 VXX: DANI 3=+00501	QVX: DANI 3	DANI 3=+00001 DANI 3=+00501	
	Art-Net SETUP-NET	0 127			VXX: DANI 4=+00000 VXX: DANI 4=+00127	QVX: DANI 4	DANI 4=+00000 DANI 4=+00127	
	Art-Net SETUP-SUB NET	0 15			VXX: DANI 5=+00000 VXX: DANI 5=+00015	QVX: DANI 5	DANI 5=+00000 DANI 5=+00015	
	Art-Net SETUP-UNIVERS	0 15			VXX: DANI 6=+00000 VXX: DANI 6=+00015	QVX: DANI 6	DANI 6=+00000 DANI 6=+00015	
	Art-Net	OFF WIRED LAN WIRELESS LAN			VXX: DANI 7=+00000 VXX: DANI 7=+00001 VXX: DANI 7=+00011	QVX: DANI 7	DANI 7=+00000 DANI 7=+00001 DANI 7=+00011	
	Art-Net SETUP-CHANNEL SETTING	DEFAULT 1 2 USER			VXX: DANI 8=+00000 VXX: DANI 8=+00001 VXX: DANI 8=+00002 VXX: DANI 8=+00100	QVX: DANI 8	DANI 8=+00000 DANI 8=+00001 DANI 8=+00002 DANI 8=+00100	
	MIRRORING	MODERATOR MULTI OWNER SINGLE			VXX: MI RI 1=+00001 VXX: MI RI 1=+00002 VXX: MI RI 1=+00003 VXX: MI RI 1=+00004	QVX: MI RI 1	MI RI 1=+00001 MI RI 1=+00002 MI RI 1=+00003 MI RI 1=+00004	
MEMORY VIEWER	VIEW	THUMBNAIL LIST			VXX: MEMI 1=+00000 VXX: MEMI 1=+00001	QVX: MEMI 1	MEMI 1=+00000 MEMI 1=+00001	
	SORT	NAME TYPE TIME			VXX: MEMI 2=+00000 VXX: MEMI 2=+00001 VXX: MEMI 2=+00002	QVX: MEMI 2	MEMI 2=+00000 MEMI 2=+00001 MEMI 2=+00002	
	AUTOPLAY	OFF ON			VXX: MEMI 3=+00000 VXX: MEMI 3=+00001	QVX: MEMI 3	MEMI 3=+00000 MEMI 3=+00001	
	INTERVAL	5s 10s 15s 30s 60s 120s			VXX: MEMI 4=+00005 VXX: MEMI 4=+00010 VXX: MEMI 4=+00015 VXX: MEMI 4=+00030 VXX: MEMI 4=+00060 VXX: MEMI 4=+00120	QVX: MEMI 4	MEMI 4=+00005 MEMI 4=+00010 MEMI 4=+00015 MEMI 4=+00030 MEMI 4=+00060 MEMI 4=+00120	
	EFFECT	OFF RANDOM WIPE LEFT WIPE RIGHT WIPE DOWN SPRIT ZOOM OUT FADE BLIND CHECKER WIPE SLIDE IN SLIDE OUT			VXX: MEMI 5=+00000 VXX: MEMI 5=+00001 VXX: MEMI 5=+00002 VXX: MEMI 5=+00003 VXX: MEMI 5=+00004 VXX: MEMI 5=+00005 VXX: MEMI 5=+00006 VXX: MEMI 5=+00007 VXX: MEMI 5=+00008 VXX: MEMI 5=+00009 VXX: MEMI 5=+00010 VXX: MEMI 5=+00011	QVX: MEMI 5	MEMI 5=+00000 MEMI 5=+00001 MEMI 5=+00002 MEMI 5=+00003 MEMI 5=+00004 MEMI 5=+00005 MEMI 5=+00006 MEMI 5=+00007 MEMI 5=+00008 MEMI 5=+00009 MEMI 5=+00010 MEMI 5=+00011	
	GUIDE	OFF ON			VXX: MEMI 6=+00000 VXX: MEMI 6=+00001	QVX: MEMI 6	MEMI 6=+00000 MEMI 6=+00001	
	LIGHTING	OFF ON			VXX: LI GI A=+00000 VXX: LI GI A=+00001	QVX: LI GI A	LI GI A=+00000 LI GI A=+00001	
	PATTERN	USER1 USER2 USER3 USER4 USER5			VXX: LI GI 1=+00101 VXX: LI GI 1=+00102 VXX: LI GI 1=+00103 VXX: LI GI 1=+00104 VXX: LI GI 1=+00105	QVX: LI GI 1	LI GI 1=+00101 LI GI 1=+00102 LI GI 1=+00103 LI GI 1=+00104 LI GI 1=+00105	
	CIRCULER TYPE	TYPE1 TYPE2			VXX: LI GI D=+00001 VXX: LI GI D=+00002	QVX: LI GI D	LI GI D=+00001 LI GI D=+00002	
	BACK GROUND	THROUGH BLACK			VXX: LI GI E=+00001 VXX: LI GI E=+00002	QVX: LI GI E	LI GI E=+00001 LI GI E=+00002	
LIGHTING	SPOT LIGHT1	OFF ON			VXX: SP1I 1=+00000 VXX: SP1I 1=+00001	QVX: SP1I 1	SP1I 1=+00000 SP1I 1=+00001	
	SPOT LIGHT1 - POSITION X	min. max.			VXX: SP1I 2=- 00020 VXX: SP1I 2=+00020	QVX: SP1I 2	SP1I 2=- 00020 SP1I 2=+00020	
	SPOT LIGHT1 - POSITION Y	min. max.			VXX: SP1I 3=- 00013 VXX: SP1I 3=+00013	QVX: SP1I 3	SP1I 3=- 00013 SP1I 3=+00013	
	SPOT LIGHT1 - SIZE	min. max.			VXX: SP1I 4=+00000 VXX: SP1I 4=+00006	QVX: SP1I 4	SP1I 4=+00000 SP1I 4=+00006	
	SPOT LIGHT2	OFF ON			VXX: SP2I 1=+00000 VXX: SP2I 1=+00001	QVX: SP2I 1	SP2I 1=+00000 SP2I 1=+00001	
	SPOT LIGHT2 - POSITION X	min. max.			VXX: SP2I 2=- 00020 VXX: SP2I 2=+00020	QVX: SP2I 2	SP2I 2=- 00020 SP2I 2=+00020	
	SPOT LIGHT2 - POSITION Y	min. max.			VXX: SP2I 3=- 00013 VXX: SP2I 3=+00013	QVX: SP2I 3	SP2I 3=- 00013 SP2I 3=+00013	
	SPOT LIGHT2 - SIZE	min. max.			VXX: SP2I 4=+00000 VXX: SP2I 4=+00006	QVX: SP2I 4	SP2I 4=+00000 SP2I 4=+00006	
	SPOT LIGHT3	OFF ON			VXX: SP3I 1=+00000 VXX: SP3I 1=+00001	QVX: SP3I 1	SP3I 1=+00000 SP3I 1=+00001	
	SPOT LIGHT3 - POSITION X	min. max.			VXX: SP3I 2=- 00020 VXX: SP3I 2=+00020	QVX: SP3I 2	SP3I 2=- 00020 SP3I 2=+00020	
	SPOT LIGHT3 - POSITION Y	min. max.			VXX: SP3I 3=- 00013 VXX: SP3I 3=+00013	QVX: SP3I 3	SP3I 3=- 00013 SP3I 3=+00013	
	SPOT LIGHT3 - SIZE	min. max.			VXX: SP3I 4=+00000 VXX: SP3I 4=+00006	QVX: SP3I 4	SP3I 4=+00000 SP3I 4=+00006	

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