

**RS232C/LAN command list**  
**MODEL : TH-86EQ2/75EQ2/65EQ2/55EQ2/50EQ2/43EQ2**

6/22/2022  
Panasonic Connect Co., Ltd.

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby		
Basic Control	Power ON	PON	Avail	-	-	-	-	Power ON
	Power OFF	POF	-	-	-	-	-	Power OFF
	Power Status	-	-	QPW	QPW:*	Avail	0 / 1	0 : Standby (Off) 1 : Power ON (On)
	Input Change	IMS:***	Not avail	QMI	QMI:***	Avail	HM1/HM2/HM3/UC1/SL1/PC1/NW1/UD1/MV1/WB1	HM1 : HDMI1 HM2 : HDMI2 HM3 : HDMI3 UC1 : USB-C SL1 : SLOT PC1 : PC (*PC[YBPBR]) NW1 : Screen Transfer UD1 : USB/Internal Memory MV1 : MEMORY VIEWER WB1 : WHITEBOARD (*PC input mode:PC[YBPBR])
	SLOT Input select for YFB Series	IMS:SL1***	Not avail	QMI:SL1	QMI:SL1***	Not avail	HD1/HD2/PC1/PC2/SVD/VID (YFB100) HD1/HD2/PC1/PC2/VID (YFB200)	*YFB100/YFB200 Available when YFB100 is connected. HD1 : HDMI1 HD2 : HDMI2 PC1 : COMPUTER 1 PC2 : COMPUTER 2 SVD : S-VIDEO (* YFB100 only) VID : VIDEO
	Audio Volume	AVL:***	Not avail	-	-	-	000 - 100	Volume value
	Volume Up	AUU	Not avail	-	-	-	-	Volume Up
	Volume Down	AUD	Not avail	-	-	-	-	Volume Down
	Current Audio Volume	-	-	QAV	QAV:***	Avail	000 - 100	Volume value
	Audio Mute	AMT (:*)	Not avail	QAM	QAM: *	Avail	Control:(Toggle) 0 / 1	Toggle (Audio mute Off) / (Audio mute On)
Video Mute	VMT (:*)	Not avail	QVM	QVM: *	Avail	Control:(Toggle) 0 / 1	Toggle (Video mute Off) / (Video mute On)	
Aspect Change	DAM (:****)	Not avail	QAS	QAS:****	Not avail	FULL / NORM / NATV / HFIT / VFIT / ZOOM / ZOM2	Toggle FULL / NORMAL / REAL / H FIT / V FIT / ZOOM1 / ZOOM2	
Picture Adjustment	Picture Mode	VPC:MEN***	Not avail	QPC:MEN	QPC:MEN***	Not avail	VIV / NAT / STD / SUV / GRH / DCM	VIV : VIVID SIGNAGE NAT : NATURAL SIGNAGE STD : STANDARD SUV : SURVEILLANCE GRH : GRAPHIC DCM : DICOM
	Backlight	VPC:BLT***	Not avail	QPC:BLT	QPC:BLT***	Avail	000 ~ 100 DEF	0 ~ 100 DEF:SET SHIPPING VALUE Available when Power save is Off & Long Life mode is Off.
	Picture Contrast	VPC:PIC***	Not avail	QPC:PIC	QPC:PIC***	Avail	000 ~ 100 DEF	0 ~ 100 DEF:SET SHIPPING VALUE
	Black Level Brightness	VPC:BLK***	Not avail	QPC:BLK	QPC:BLK***	Avail	000 ~ 100 DEF	0 ~ 100 DEF:SET SHIPPING VALUE
	Colour	VPC:COL***	Not avail	QPC:COL	QPC:COL***	Avail	000 ~ 100 DEF	0 ~ 100 DEF:SET SHIPPING VALUE
	Tint	VPC:TIN***	Not avail	QPC:TIN	QPC:TIN***	Not avail	000 ~ 100 DEF	0 ~ 100 DEF:SET SHIPPING VALUE
	Sharpness	VPC:SHP***	Not avail	QPC:SHP	QPC:SHP***	Avail	000 ~ 100 DEF	0 ~ 100 DEF:SET SHIPPING VALUE

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby		
Picture Adjustment	Enhance level	VPC:SHE*	Not avail	QPC:SHE	QPC:SHE*	Not avail	1 / 2	1: low 2: high
	Gamma	VWB:GMM**	Not avail	QWB:GMM	QWB:GMM**	Not avail	20 / 22 / 24 / 26	2.0 / 2.2 / 2.4 / 2.6
	Colour Temperature	VPC:TMP***	Not avail	QPC:TMP	QPC:TMP***	Not avail	032 / 040 / 050 / 065 / 075 / 093 / 107 / NTV / U01 / U02	3200K ~ 10700K / NaTiVe / USER1 / USER2
	Red Gain	VWB:RGN****	Not avail	QWB:RGN	QWB:RGN****	Not avail	0000 ~ 0255	0 ~ 255 Available when Color Temperature is USER1 or USER2.
	Green Gain	VWB:GGN****	Not avail	QWB:GGN	QWB:GGN****	Not avail	0000 ~ 0255	0 ~ 255 Available when Color Temperature is USER1 or USER2.
	Blue Gain	VWB:BGN****	Not avail	QWB:BGN	QWB:BGN****	Not avail	0000 ~ 0255	0 ~ 255 Available when Color Temperature is USER1 or USER2.
	Red Bias	VWB:RBS****	Not avail	QWB:RBS	QWB:RBS****	Not avail	-127 ~ 0000 ~ 0128	-127 ~ 128 Available when Color Temperature is USER1 or USER2.
	Green Bias	VWB:GBS****	Not avail	QWB:GBS	QWB:GBS****	Not avail	-127 ~ 0000 ~ 0128	-127 ~ 128 Available when Color Temperature is USER1 or USER2.
	Blue Bias	VWB:BBS****	Not avail	QWB:BBS	QWB:BBS****	Not avail	-127 ~ 0000 ~ 0128	-127 ~ 128 Available when Color Temperature is USER1 or USER2.
	Colour management	VWB:CMF*	Not avail	QWB:CMF	QWB:CMF*	Not avail	0 / 1 / 2	0 : off 1 : 6-segment 2 : 12-segment
	6-segment color management select color	VWB:CML* **** **** ****	Not avail	QWB:CML*	QWB:CML* **** **** ****	Not avail	R / Y / G / C / B / M -127 ~ 0000 ~ 0127 -127 ~ 0000 ~ 0127 -127 ~ 0000 ~ 0127	Red / Yellow / Green / Cyan / Blue / Magenta TINT : -127 ~ 127 SATURATION : -127 ~ 127 VALUE : -127 ~ 127 Available when color management is 6-segment.
	6-segment color management reset	VWB:CMR	Not avail	-	-	Not avail	-	Available when color management is 6-segment.
	12-segment color management select color	VWB:CWL** **** **** ****	Not avail	QWB:CWL**	QWB:CWL** **** **** ****	Not avail	RR/RV/YY/YG/GG/GC/CC/CB/BB/BM/MM/MR -127 ~ 0000 ~ 0127 -127 ~ 0000 ~ 0127 -127 ~ 0000 ~ 0127	Red / Red-Yellow / Yellow / Yellow-Green / Green / Green-Cyan / Cyan / Cyan-Blue / Blue / Blue-Magenta / Magenta / Magenta-Red TINT : -127 ~ 127 SATURATION : -127 ~ 127 VALUE : -127 ~ 127 Available when color management is 12-segment.
	12-segment color management reset	VWB:CWR	Not avail	-	-	-	-	Available when color management is 12-segment.
	Dynamic Contrast	VPC:DCO**	Not avail	QPC:DCO	QPC:DCO**	Not avail	00 ~ 10	0 ~ 10
	Colour Enhancement	VPC:PAJ*	Not avail	QPC:PAJ	QPC:PAJ*	Not avail	0 / 1	OFF / ON
	Blue light reduction	VPC:BLR	Not avail	QPC:BLR	QPC:BLR	Not avail	0 / 1 / 2 / 3	OFF / Low / Mid / High
	Refine enhancer	VPC:SRC*	Not avail	QPC:SRC	QPC:SRC*	Not avail	0 / 1 / 2 / 3	OFF / Low / Mid / High
	Gradation smoother	VPC:GRS*	Not avail	QPC:GRS	QPC:GRS*	Not avail	0 / 1	0 : off / 1 : on
	Default	VPC:DEF*	Not avail	-	-	-	1 / 2 / 3	Mode1 / Mode2 / Mode3 Mode1 : Default video input value for current input and current picture mode. Mode2 : Default video input value for current input and all picture mode. Mode3 : Default video input value for all input and all picture mode.

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation	
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby			
Picture	Memory function	Memory delete	VPF:DEL**	Not avail	-	-	-	01 ~ 06	Memory No.1 - Memory No.6
		Memory load	VPF:LOD**	Not avail	-	-	-	01 ~ 06	Memory No.1 - Memory No.6
		Memory name change	VPF:NAM** *...*	Not avail	QPF:NAM**	QPF:NAM** *...*	Not avail	01 ~ 06 space ! " # \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ ¥ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z {   } ~	Memory No.1 - Memory No.6 Memory name(Max 20 Parameters)
		Memory save	VPF:SAV** *...*	Not avail	-	-	-	01 ~ 06 space ! " # \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ ¥ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z {   } ~	Memory No.1 - Memory No.6 Memory name(Max 20 Parameters)
		Memory state	-	-	QPF:STA	QPF:STA*****	Not avail	- / 0 (Memory No.1 - No.06)	Unused / Use
Sound	Sound Adjustment	Output Select	AAC:OUT***	Not avail	QAC:OUT	QAC:OUT***	Not avail	SPO / LNO	INTERNAL SPEAKERS / AUDIO OUT
		Balance	AAC:BAL***	Not avail	QAC:BAL	QAC:BAL***	Not avail	-20 ~ 000 ~ +20(020)	-20 ~ 20 Available when Output Select is Not AUDIO OUT.
		Sound Mode	AAC:MEN***	Not avail	QAC:MEN	QAC:MEN***	Not avail	STD(AUT) / DYN / CLR	STANDARD / DYNAMIC / CLEAR Available when Output Select is Not AUDIO OUT.
		Bass	AAC:BAS***	Not avail	QAC:BAS	QAC:BAS***	Not avail	-20 ~ 000 ~ +20(020)	-20 ~ 20 Available when Output Select is Not AUDIO OUT.
		Treble	AAC:TRE***	Not avail	QAC:TRE	QAC:TRE***	Not avail	-20 ~ 000 ~ +20(020)	-20 ~ 20 Available when Output Select is Not AUDIO OUT.
		Surround	AAC:SUR***	Not avail	QAC:SUR	QAC:SUR***	Not avail	MON / OFF	ON / OFF Available when Output Select is Not AUDIO OUT.
		Auto Volume	AAC:ATV***	Not avail	QAC:ATV	QAC:ATV***	Not avail	OFF / LOW / MID / HIG	Off / Low / Middle / High
		Installation	AAC:IST***	Not avail	QAC:IST	QAC:IST***	Not avail	STD / WMT	Stand / Wall mounted
Position	Position/Size Adjustment	Horizontal Position	DGE:HPO****	Not avail	QGE:HPO	QGE:HPO****	Not avail	-100 ~ 0000 ~ +100(0100)	H-Pos : -100 - 0000 - +100(0100)
		Horizontal Size	DGE:HSZ****	Not avail	QGE:HSZ	QGE:HSZ****	Not avail	-100 ~ 0000 ~ +100(0100)	H-Size : -100 - 0000 - +100(0100)
		Vertical Position	DGE:VPO****	Not avail	QGE:VPO	QGE:VPO****	Not avail	-100 ~ 0000 ~ +100(0100)	V-Pos : -100 - 0000 - +100(0100)
		Vertical Size	DGE:VSZ****	Not avail	QGE:VSZ	QGE:VSZ****	Not avail	-100 ~ 0000 ~ +100(0100)	V-Size : -100 - 0000 - +100(0100)
		Clock Phase	DGE:CLK**	Not avail	QGE:CLK	QGE:CLK**	Not avail	00 ~ 30	0 ~ 30
		Dot Clock	DGE:DCL**	Not avail	QGE:DCL	QGE:DCL**	Not avail	-5 ~ 00 ~ +5(05)	-5 ~ 5
		Overscan	DGE:OVS*	Not avail	QGE:OVS	QGE:OVS*	Not avail	0 / 1	OFF / ON
		Pos./Size Lump Setting	DGE:PSZ**** **** **** ****	Not avail	QGE:PSZ	QGE:PSZ**** **** **** ****	Not avail	-100 ~ 0000 ~ +100(0100), -100 ~ 0000 ~ +100(0100), -100 ~ 0000 ~ +100(0100), -100 ~ 0000 ~ +100(0100)	H-Pos : -100 - 0000 - +100(0100) H-Size : -100 - 0000 - +100(0100) V-Pos : -100 - 0000 - +100(0100) V-Size : -100 - 0000 - +100(0100)
		Auto Setup	DGE:ASU *	Not avail	QGE:ASU	QGE:ASU  **	Not avail	Control: 1 Inquiry: OK NG OF NW	Control: 1 : Execution start Inquiry: OK : result OK NG : result NG OF : Un-performing or when not effective NW : adjusting
PC auto setting	OSP:PAS*	Not avail	QSP:PAS	QSP:PAS*	Not avail	0 / 1	OFF / ON		

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation	
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby			
setup	Setup	Input lock	OSP:INL***	Not avail	QSP:INL	QSP:INL***	Not avail	OFF/HM1/HM2/HM3/UC1/SL1/PC1/NW1/UD1/MV1/WB1	OFF / HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC (*PC[YBPBR]) / Screen Transfer / USB/Internal Memory / MEMORY VIEWER / WHITEBOARD (*PC input mode:PC[YBPBR])
		Off-timer function	OSP:OFT*	Not avail	QSP:OFT	QSP:OFT*	Not avail	0 / 1	OFF / ON
		No activity power off	SSU:NAO*	Not avail	QSU:NAO	QSU:NAO*	Not avail	0 / 1	OFF / ON
		OSD Language	SSU:LNG***	Not avail	QSU:LNG	QSU:LNG***	Not avail	ENG / DEU / FRA / ITL(ITA) / ESP / USA / CHA / JPN / RUS	English (UK) / German / French / Italian / Spanish / English (US) / Chinese/Japanese / Russian
	Setup   Mode settings	Display Orientation	SSU:DOR*	Not avail	QSU:DOR	QSU:DOR*	Not avail	0 / 1 /	Landscape / Portrait /
		Image rotation	SSU:IMR*	Not avail	QSU:IMR	QSU:IMR*	Not avail	0 / 1	Off / 180 degrees
		POWER button lock	SSU:PBO***	Not avail	QSU:PBO	QSU:PBO***	Not avail	OFF / STB	OFF / Standby
		POWER LED	SSU:PLS*	Not avail	QSU:PLS	QSU:PLS*	Not avail	0 / 1	OFF / ON
		PC input mode	SSU:PCM*	Not avail	QSU:PCM	QSU:PCM*	Not avail	0 / 1	PC / PC[YBPBR]
		Use memory select	SSU:SWM***	Not avail	QSU:SWM	QSU:SWM***	Not avail	USB / INT	USB memory / Built-in memory
		DIGITAL AV OUT setting	SSU:DGO*	Not avail	QSU:DGO	QSU:DGO	Not avail	0 / 1 / 2 / 3	0 : Auto 1 : 4K(2160p) 2 : 1080p 3 : OFF
		DIGITAL AV OUT volume	SSU:DOL***	Not avail	QSU:DOL	QSU:DOL***	Not avail	000~100	Volume value
		USB(DEVICE) connect setting	SSU:UCS***	Not avail	QSU:UCS	QSU:UCS***	Not avail	INT / UC1 / SL1 / AUT	INTERNAL / USB-C / SLOT / AUTO
		USB-C/SLOT select	-	-	QSU:ICS	QSU:ICS***	Not avail	UC1 / CS1	USB-C / USB-C+SLOT
	LAN setting	SSU:LTS***	Not avail	QSU:LTS	QSU:LTS***	Not avail	LN1 / DS1	LAN / DIGITAL LINK SLOT SLOT(DIGITAL LINK) only	
	Setup   Restriction settings	Maximum VOL level	OSP:MVL****	Not avail	QSP:MVL	QSP:MVL****	Not avail	0 / 1, 000 ~ 100	function : OFF / ON, volume : 0~100
		Button lock	OSP:BTL***	Not avail	QSP:BTL	QSP:BTL***	Not avail	OFF / MEN / ALL	OFF / MENU&ENTER / ON
		Controller User level	OSP:RCM*	Not avail	QSP:RCM	QSP:RCM*	Not avail	0 / 1 / 2 / 3	OFF / User1 / User2 / User3
	Whiteboard settings	Whiteboard	STS:WBS*	Not avail	QTS:WBS	QTS:WBS*	Not avail	0 / 1	OFF / ON
		Control menu	STS:CTM*	Not avail	QTS:CTM	QTS:CTM*	Not avail	1 / 2	Top / Bottom
Quick input settings		STS:QIP*+++	Not avail	QTS:QIP*	QTS:QIP*+++	Not avail	* : 1 / 2 / 3 / 4 +++ : HM1/HM2/HM3/UC1/SL1/NW1/PC1/UD1/MV1/WB1	* : Quick input1 - Quick input 4 +++ : HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / Screen Transfer / PC (*PC[YBPBR]) / USB/Internal Memory / MEMORY VIEWER / WHITEBOARD (*PC input mode:PC[YBPBR])	
Menu lock		STS:LCK*	Not avail	QTS:LCK	QTS:LCK*	Not avail	0 / 1	OFF / ON	
Shiring position		STS:MPS*	Not avail	QTS:MPS	QTS:MPS*	Not avail	1 / 2 / 3 / 4 / 5 / 6	Left / Centre / Right / Left2 / Centre2 / Right2	

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation	
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby			
setup	Multi display settings	Multi Screen ON/OFF	MDC:*	Not avail	-	-	-	0 / 1	OFF / ON
		Multi Screen Setup Detail	MDC:EXP* ** ** *** *** ***	Not avail	QDC:EXP	QDC:EXP* ** ** *** *** ***	Not avail	0 / 1, 01 ~ 10, 01 ~ 10, 000 ~ 100, 000 ~ 100, 001 ~ 100	OFF / ON, Horizontal scale 1~10, Vertical scale 1~10, Bezel H adjustment 0~100, Bezel V adjustment 0~100, Location (A1~J10)
		Frame control	MDC:FCT*	Not avail	QDC:FCT	QDC:FCT*	Not avail	0 / 1 / 2 / 3 / 4	Auto / 1 / 2 / 3 / 4
	Portrait settings	Portrait display	DPR:*	Not avail	QPR	QPR:*	Not avail	0 / 1	OFF / ON
		Inquiry about Portrait display setup	-	-	QPR:DET	QPR:DET* **	Not avail	0 / 1, 01 / 03 / L3	OFF / ON, Portrait 1 screen / Portrait 3 screens / Landscape 3
		Portrait display setup ( Instration method: Portrait 1 screen )	DPR:D01*	Not avail	QPR:D01	QPR:D01*	Not avail	0 / 1	OFF / ON
		Portrait display setup ( Instration method: Portrait 3 screens )	DPR:D03* * *** **	Not avail	QPR:D03	QPR:D03* * *** **	Not avail	0 / 1, 1 / 2 / 3, 000 ~ 100, 01 ~ 03	OFF / ON, Display format 1=16:9 V fit / 2=16:9 H fit / 3=Full Bezel adjustment 0~100, Location 01=Left / 02=Centre / 03=Right
	Video conference mode settings	HDMI1	SSU:VCMHM1*	Not avail	QSU:VCMHM1	QSU:VCMHM1*	Not avail	0 / 1	OFF / ON
		HDMI2	SSU:VCMHM2*	Not avail	QSU:VCMHM2	QSU:VCMHM2*	Not avail	0 / 1	OFF / ON
		HDMI3	SSU:VCMHM3*	Not avail	QSU:VCMHM3	QSU:VCMHM3*	Not avail	0 / 1	OFF / ON
		USB-C	SSU:VCMUC1*	Not avail	QSU:VCMUC1	QSU:VCMUC1*	Not avail	0 / 1	OFF / ON
	Signal	Cinema Reality 3:2 Pull Down	SSG:DCR*	Not avail	QSG:DCR	QSG:DCR*	Not avail	0 / 1	OFF / ON
		XGA Mode	SSG:XGA*	Not avail	QSG:XGA	QSG:XGA*	Not avail	1 / 2 / 3 / 4	1:1024x768 2:1280x768 3:1366x768 4:Auto
		Noise Reduction	SSG:NRS***	Not avail	QSG:NRS	QSG:NRS***	Not avail	OFF / AUT / LOW / MID / HIG	OFF / Auto / Low / Middle / High
		MPEG Noise Reduction	SSG:MNR***	Not avail	QSG:MNR	QSG:MNR***	Not avail	OFF / LOW / MID / HIG	OFF / Low / Middle / High
		Signal Range	SSG:HRC***	Not avail	QSG:HRC	QSG:HRC***	Not avail	VID / FUL / AUT	(HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT(12G SDI) input) Video / FULL / Auto (SLOT(3G SDI) input) Video / FULL (Other input) not avail
		YUV/RGB-IN Select	SSU:DYR***	Not avail	QSU:DYR	QSU:DYR***	Not avail	YUV / RGB	YUV Signal / RGB Signal Available when HDMI1/HDMI2/HDMI3/USB-C/SLOT is selected.  Auto is Not available when DIGITAL LINK is selected.
		Input Level	VWB:ILV***	Not avail	QWB:ILV	QWB:ILV***	Not avail	-16 ~ 000 ~ +16(016)	-16 ~ 16 Available when PC is selected.

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby		
setup	Signal	Dynamic backlight control	SSG:DBC*	Not avail	QSG:DBC	QSG:DBC*	Not avail	0 / 1 OFF / ON Screen Transfer and USB/Internal Memory, MEMORY VIEWER, WHITEBOARD cannot be set
		EDID select	SSG:EID*	Not avail	QSG:EID	QSG:EID*	Not avail	0 / 1 / 2 / 3 0 : 4K/60p/SDR 1 : 4K/30p 2 : 2K 3 : 4K/60p/HDR
		Dynamic range	SSG:DNR*	Not avail	QSG:DNR	QSG:DNR*	Not avail	0 / 1 / 2 / 3 0 : Auto 1 : HDR(PQ) 2 : HDR(HLG) 3 : SDR Available when HDMI1/HDMI2/HDMI3/SLOT(12G SDI) is selected.
		Colour gamut	SSG:CLG*	Not avail	QSG:CLG	QSG:CLG*	Not avail	0 / 1 / 2 0 : Auto 1 : Native 2 : ITU-2020 emu. Available when HDMI1/HDMI2/HDMI3/SLOT(12G SDI) is selected.
	Power on settings	Initial input	OSP:IIN***	Not avail	QSP:IIN	QSP:IIN***	Not avail	OFF / HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC / HM1/HM2/HM3/UC1/SL1/PC1/NW1/UD1/MV1/W B1 (*PC[YBPBR]) / Screen Transfer / USB/Internal Memory / MEMORY VIEWER / WHITE BOARD (*PC input mode:PC[YBPBR])
		Initial Startup	OSP:ISU***	Not avail	QSP:ISU	QSP:ISU***	Not avail	LST PON STB LST : Last memory(return to a front state) PON : ON STB : STANDBY
		Initial VOL level	OSP:IVL****	Not avail	QSP:IVL	QSP:IVL****	Not avail	0 / 1, 000 ~ 100 function : OFF / ON, volume : 0~100
		Power ON Screen Delay	OSP:POD**	Not avail	QSP:POD	QSP:POD**	Not avail	AT / 00 ~ 30 AT : Auto 0~30 : 0~30 seconds
		Information(No activity power off)	OSP:NAP*	Not avail	QSP:NAP	QSP:NAP*	Not avail	0 / 1 OFF / ON
		Information(Power management)	OSP:PMM*	Not avail	QSP:PMM	QSP:PMM*	Not avail	0 / 1 OFF / ON
		Information(Colour design)	OSP:CLD*	Not avail	QSP:CLD	QSP:CLD*	Not avail	0 / 1 OFF / ON
	Quick start	SSU:QST*	Not avail	QSU:QST	QSU:QST	Not avail	0 / 1 OFF / ON	
	Input search	Input search	ISH:FNC***	Not avail	QSH:FNC	QSH:FNC***	Not avail	OFF / ALL / PRI / IDC OFF / ALL inputs / Custom / Input detection
		1st search input	ISH:PRI***	Not avail	QSH:PRI	QSH:PRI***	Not avail	NON/HM1/HM2/HM3/UC1/SL1/PC1/UD1 NONE / HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC (*PC[YBPBR]) / USB/Internal Memory (*PC input mode:PC[YBPBR])
		2nd search input	ISH:SCI***	Not avail	QSH:SCI	QSH:SCI***	Not avail	NON/HM1/HM2/HM3/UC1/SL1/PC1/UD1 NONE / HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC (*PC[YBPBR]) / USB/Internal Memory (*PC input mode:PC[YBPBR])
		Detect digital input	ISH:DIN*** +	Not avail	QSH:DIN***	QSH:DIN***+	Not avail	***:HM1/HM2/HM3/UC1/SL1/PC1/ +:0 / 1 / HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC / OFF / ON
		Changing delay	ISH:CGD**	Not avail	QSH:CGD	QSH:CGD**	Not avail	00 / 01 / 02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 00 : OFF 01~10 : changing time(sec)

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation	
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby			
setup	Failover / Failback	Input Change Mode Off	SBI:OFF (NON NON *)	Not avail	QBI	QBI:OFF NON NON *	Not avail	0	0: Disable (Auto switch back mode)
		Input Change Mode On	SBI:ON (*** *** *)	Not avail	QBI	QBI:ON * *** *** *	Not avail	" " NON/HM1/HM2/HM3/UC1/SL1/PC1/UD1 NON/HM1/HM2/HM3/UC1/SL1/PC1/UD1 0 / 1	" " : Space Primary backup input : (None) / HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC / USB/Internal Memory Secondary backup input : (None) / HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC / USB/Internal Memory Auto switch back mode : 0: Disable / 1 : Enable
		Backup Input Status	-	-	QBI:STS	QBI:STS * *** *	Not avail	0 / 1 HM1/HM2/HM3/UC1/SL1/PC1/NW1/UD1/MV1/WB 1 0 / 1 / 2	0: inactive / 1: active (Status) Main Input : HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC / Screen Transfer / USB/Internal Memory / MEMORY VIEWER / WHITEBOARD 0: Main Input / 1: Primary Backup input / 2: Secondary Backup input (Current Input Status)
		Backup Input Signal Status	-	-	QBI:SIG	QBI:SIG * * *	Not avail	0 / 1 0 / 1 0 / 1	0 : no signal / 1 : not no signal (Main input) 0 : no signal / 1 : not no signal (Primary backup input) 0 : no signal / 1 : not no signal (Secondary backup input)  When Input change mode is not Off
		Manual Switch Back	BIP:FSB	Not avail	-	-	Not avail	-	Enable when Input change mode is not Off and Auto switch back mode is Disable.
	Screensaver	Screensaver ON/OFF	OSP:SCR*	Not avail	QSP:SCR	QSP:SCR*	Not avail	0 / 5	0 : stop 5 : operating
		Screensaver Mode	SSC:MOD*	Not avail	QSC:MOD	QSC:MOD*	Not avail	0 / 1 / 2 / 3 / 4	0:OFF 1:Interval 2:Time Designation 3:ON 4:Standby after Screensaver
		Interval Screensaver	SSC:INT**** ****	Not avail	QSC:INT	QSC:INT**** ****	Not avail	0000 ~ 2359, 0000 ~ 2359	Periodic time Operating time
		Time Designation Screensaver	SSC:TIM**** ****	Not avail	QSC:TIM	QSC:TIM**** ****	Not avail	0000 ~ 2359, 0000 ~ 2359	Start time Finish time
		Standby after Screensaver	SSC:AOF****	Not avail	QSC:AOF	QSC:AOF****	Not avail	0000 ~ 2359	Time of operation(hour:minute)
	Wobbling	OSP:WOB*	Not avail	QSP:WOB	QSP:WOB*	Not avail	0 / 1	OFF / ON	

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby		
setup	Input label	Set Label for Current Input	SSU:ILA***	Not avail	QSU:ILA	QSU:ILA***	Not avail	INP / PCN / BD1 / CTV / STB / PIT / HDC / U01 reset input name(Except PC) / reset input name(for PC) / Blu-ray / CATV / STB / PressIT / HDCOM / USER Valid except for USB input
		Set Label for EACH INPUT	SSU:ILA+++***	Not avail	QSU:ILA+++	QSU:ILA+++ ***	Not avail	+++ : HM1/HM2/HM3/UC1/SL1/PC1 *** : INP / PCN / BD1 / CTV / STB / PIT / HDC / U01 Input HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC(*PC[YBPBR]) (*PC input mode:PC[YBPBR]) Not SLOT : Label reset(input other than PC) / Label reset(PC input) / Blu-ray / CATV / STB / PressIT / HDCOM / USER  SLOT : Label reset(INP) / PressIT(PIT) / USER(U01)
		User Name Setting	SSU:USN++++- *...*	Not avail	QSU:USN+++	QSU:USN++++- *...*	Not avail	+++ : HM1/HM2/HM3/UC1/SL1/PC1 -- : 01 ~ 16 *..* : space ! " # \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z {   } ~ User name (1 ~ 16 Parameters) User name(A string of the specified length)
	Input skip settings	Input Skip Setting	SSU:ISP+++ *	Not avail	QSU:ISP+++	QSU:ISP+++ *	Not avail	+++ : HM1/HM2/HM3/UC1/SL1/PC1/NW1/UD1/MV1/WB1 * : 0 / 1 HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC (*PC[YBPBR]) / Screen Transfer / USB/Internal Memory / MEMORY VIEWER / WHITEBOARD OFF / ON (*PC input mode:PC[YBPBR])
	Audio input select	for Current Input	SAI: A+++	Not avail	QAI	QAI:V*** A+++	Not avail	*** : HM1/HM2/HM3/UC1/SL1/PC1/NW1 +++ : HM1/HM2/HM3/UC1/SL1/PC1/NW1/AI1/NAD HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC (*PC[YBPBR]) / Screen Transfer HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC (*PC[YBPBR]) / Screen Transfer / AUDIO-IN / NO AUDIO (*PC input mode:PC[YBPBR])
		for EACH INPUT	SAI:V*** A+++	Not avail	QAI:V***	QAI:V*** A+++	Not avail	*** : HM1/HM2/HM3/UC1/SL1/PC1/NW1 +++ : HM1/HM2/HM3/UC1/SL1/PC1/NW1/AI1/NAD HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC (*PC[YBPBR]) / Screen Transfer HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC (*PC[YBPBR]) / Screen Transfer / AUDIO-IN / NO AUDIO (*PC input mode:PC[YBPBR])
	Power management settings	Power Management Mode	SSU:ECS*	Not avail	QSU:ECS	QSU:ECS*	Not avail	0 / 1 / 2 CUSTOM / ON / Input detection
		No Signal Power Off	SSU:AOF*	Not avail	QSU:AOF	QSU:AOF*	Not avail	0 / 1 OFF / ON
		HDMI1 Power Management	SSU:D1H*	Not avail	QSU:D1H	QSU:D1H*	Not avail	0 / 1 OFF / ON
		HDMI2 Power Management	SSU:D2H*	Not avail	QSU:D2H	QSU:D2H*	Not avail	0 / 1 OFF / ON
HDMI3 Power Management		SSU:D3H*	Not avail	QSU:D3H	QSU:D3H*	Not avail	0 / 1 OFF / ON	
PC Power Management		SSU:DPM*	Not avail	QSU:DPM	QSU:DPM*	Not avail	0 / 1 OFF / ON	
SLOT Power Management		SSU:D1S*	Not avail	QSU:D1S	QSU:D1S*	Not avail	0 / 1 OFF / ON	
USB-C Power Management	SSU:D1C*	Not avail	QSU:D1C	QSU:D1C*	Not avail	0 / 1 OFF / ON		



TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation	
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby			
setup	Power management settings	Power Save	Not avail	SSU:ECO*	QSU:ECO	QSU:ECO*	Not avail	0 / 1	OFF / ON
		Extended standby mode	Not avail	SSU:ESM*	QSU:ESM	QSU:ESM*	Not avail	0 / 1 / 2	Mode1 / Mode2 / Mode3
		Changing delay	Not avail	SSU:CGD**	QSU:CGD	QSU:CGD**	Not avail	00 / 01 / 02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10	00 : OFF 01~10 : changing time(sec)
	External device link settings	Device Information	Not avail	SSU:DDP*	QSU:DDP	QSU:DDP*	Not avail	0 / 1	OFF / ON
		Wireless presentation link	Not avail	SSU:WIS*	QSU:WIS	QSU:WIS*	Not avail	0 / 1	OFF / ON
		Webex link	Not avail	SSU:WBX**	QSU:WBX	QSU:WBX**	Not avail	OF / ON	OFF / ON
	HDMI-CEC settings	HDMI-CEC control	Not avail	SHC:FNC*	QHC:FNC	QHC:FNC*	Not avail	0 / 1	Disable / Enable
		HDMI1 (change device)	Not avail	SHC:HM1***	-	-	-	NXT / PRE	Change to next device / Change to previous device
		HDMI1 (get device name)	-	-	QHC:HM1	QHC:HM1*...*	Not avail	space ! " # \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z {   } -	Device name (Max 23 Parameters)
		HDMI2 (change device)	Not avail	SHC:HM2***	-	-	-	NXT / PRE	Change to next device / Change to previous device
		HDMI2 (get device name)	-	-	QHC:HM2	QHC:HM2*...*	Not avail	space ! " # \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z {   } -	Device name (Max 23 Parameters)
		HDMI3 (change device)	Not avail	SHC:HM3***	-	-	-	NXT / PRE	Change to next device / Change to previous device
		HDMI3 (get device name)	-	-	QHC:HM3	QHC:HM3*...*	Not avail	space ! " # \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z {   } -	Device name (Max 23 Parameters)
		SLOT (change device)	Not avail	SHC:SL1***	-	-	-	NXT / PRE	Change to next device / Change to previous device
		SLOT (get device name)	-	-	QHC:SL1	QHC:SL1*...*	Not avail	space ! " # \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z {   } -	Device name (Max 23 Parameters)
		MENU code	Not avail	SHC:MNC*	QHC:MNC	QHC:MNC*	Not avail	1 / 2 / 3 / 4 / 5 / 6	1 / 2 / 3 / 4 / 5 / 6
		Display → Device	Not avail	SHC:PTS***	QHC:PTS	QHC:PTS***	Not avail	OFF / POF / PWR	"Disable" / "Power off" / "Power on / off"
		Device → Display	Not avail	SHC:STP***	QHC:STP	QHC:STP***	Not avail	OFF / PON / PWR	"Disable" / "Power on" / "Power on / off"
		ARC	Not avail	SHC:ARC***	QHC:ARC	QHC:ARC***	Not avail	OFF / AON / AUT	OFF / ON / Auto
	Image settings   Startup image settings	Display setting	Not avail	SCI:SIM*	QCI:SIM	QCI:SIM*	Not avail	0 / 1	OFF / ON
Image select		Not avail	SCI:SCG*	QCI:SCG	QCI:SCG*	Not avail	0 / 1	0 : Default image 1 : User image	
Image settings   No signal image settings	Display setting	Not avail	SCI:NIM*	QCI:NIM	QCI:NIM*	Not avail	0 / 1	OFF / ON	
	Image select	Not avail	SCI:NCG*	QCI:NCG	QCI:NCG*	Not avail	0 / 1	0 : Default image 1 : User image	

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby		
setup	Timer Setup Detail	TIM:PRG** *  ***  *** **** ***	Not avail	QIM:PRG**	QIM:PRG** *  *** *** **** ***	Not avail	01 ~ 20, 0 / 1, SUN / MON / TUE / WED / THU / FRI / SAT / EVD / WDA / WEN / CUS, PON / POF, 0000 ~ 2359, HM1/HM2/HM3/UC1/SL1/PC1/NW1/UD1/MV1/WB 1	Program number : 1~20, Function : OFF / ON, (*Inquiry Command reply, A lower parameter is not given when the upper setup is "OFF." ) a day of the week : Sunday / Monday / Tuesday / Wednesday / Thursday / Friday / Saturday / Everyday / Weekday / Weekend / Custom (*Custom can't be set with Control Command. However, after setting, the day on the menu is "Custom".) (*The day of the inquiry response is "Custom" only if it doesn't apply to any of Monday through Weekend.) Action type : PON / POF, Time : hour, minute, Start-up input : HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC (*PC[YBPBR]) / Screen Transfer / USB/Internal Memory / MEMORY VIEWER / WHITEBOARD (*PC input mode:PC[YBPBR])
	Multiple day specification	TIM:PRC** * * * * * * * * * * *** **** ***	Not avail	QIM:PRC**	QIM:PRC** * * * * * * * * * * *** **** ***	Not avail	01 ~ 20, 0 / 1, 0 / 1, 0 / 1, 0 / 1, 0 / 1, 0 / 1, 0 / 1, 0 / 1, 0 / 1, 0 / 1, 0 / 1, PON / POF, 0000 ~ 2359, HM1/HM2/HM3/UC1/SL1/PC1/NW1/UD1/MV1/WB 1	Program number : 1~20, Function : OFF / ON, (*A lower parameter is not given when the upper setup is "OFF." ) Monday : OFF / ON, Tuesday : OFF / ON, Wednesday : OFF / ON, Thursday : OFF / ON, Friday : OFF / ON, Saturday : OFF / ON, Sunday : OFF / ON, Action type : PON / POF, Time : hour, minute, Start-up input : HDMI1 / HDMI2 / HDMI3 / USB-C / SLOT / PC (*PC[YBPBR]) / Screen Transfer / USB/Internal Memory / MEMORY VIEWER / WHITEBOARD (*PC input mode:PC[YBPBR])
Date and time	Present Day	-	-	QIM:DAY	QIM:DAY***	Not avail	SUN / MON / TUE / WED / THU / FRI / SAT	(a day of the week): Sunday / Monday / Tuesday / Wednesday / Thursday / Friday / Saturday
	Present Time	-	-	QIM:NOW	QIM:NOW****	Not avail	0000 ~ 2359	Present time (hour:minute)
	DAY TIME	TIM:DAT**** ** ** ** **	Not avail	QIM:DAT	QIM:DAT**** ** ** ** **	Not avail	YYYY : 2022 ~ 2035 MM : 01 ~ 12 DD : 01 ~ 31 hh : 00 ~ 23 mm : 00 ~ 59	(Year) (Month) (Day) (Hour) (Minute) format is "YYYYMMDDhhmm "
	Clock Display	OSP:CLK*	Not avail	QSP:CLK	QSP:CLK*	Not avail	0 / 1	OFF / ON
	Synchronize display	TIM:SDM*	Not avail	QIM:SDM	QIM:SDM*	Not avail	0 / 1	Off / On
	Parent or child setting	TIM:PCS*	Not avail	QIM:PCS	QIM:PCS*	Not avail	0 / 1	Child / Parent
Network settings	Network Control	SSU:NCT*	Not avail	QSU:NCT	QSU:NCT*	Not avail	0 / 1	OFF / ON Setting to Off while connected with LAN might disconnect the connection.
	PJLink Setup - PJLink Control	SSU:PCT*	Not avail	QSU:PCT	QSU:PCT*	Not avail	0 / 1	OFF / ON

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby		
setup  Network settings	PJLink Setup - PJLink Notification	SSU:PNT*	Not avail	QSU:PNT	QSU:PNT*	Not avail	0 / 1	OFF / ON
	PJLink Setup - PJLink Notified IP Address	SSU:PIA* *** *** *** ***	Not avail	QSU:PIA*	QSU:PIA* *** *** *** ***	Not avail	1 / 2 000~255 000~255 000~255 000~255	Notified IP Address1 / Notified IP Address2 IP address 1st BYTE 000~255 IP address 2nd BYTE 000~255 IP address 3rd BYTE 000~255 IP address 4th BYTE 000~255
	Auto Display Name	SSU:ADN*	Not avail	QSU:ADN	QSU:ADN*	Not avail	0 / 1	OFF / ON
	Display name	SSU:LDN *...*	Not avail	QSU:LDN	QSU:LDN *...*	Not avail	space ! " # \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z {   } -	DISPLAY NAME(Max 8 Parameters)
	LAN Setup - Network Address	SSU:NET*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** * * *	Not avail	QSU:NET	QSU:NET*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** * * *	Not avail	000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 000 ~ 255 0/1	IP address 1st BYTE 000 ~ 255 IP address 2nd BYTE 000 ~ 255 IP address 3rd BYTE 000 ~ 255 IP address 4th BYTE 000 ~ 255 SUB NET MASK 1st BYTE 000 ~ 255 SUB NET MASK 2nd BYTE 000 ~ 255 SUB NET MASK 1st BYTE 000 ~ 255 SUB NET MASK 2nd BYTE 000 ~ 255 Gateway address 1st BYTE 000 ~ 255 Gateway address 2nd BYTE 000 ~ 255 Gateway address 3rd BYTE 000 ~ 255 Gateway address 4th BYTE 000 ~ 255 DHCP OFF / DHCP ON
	LAN Setup - Command Port Number	SSU:LCP*****	Not avail	QSU:LCP	QSU:LCP*****	Not avail	01024~65535 (04352, 10000, 12000, 12004, 12006, 14000, 20000, 27250, 41794 are excluded.)	Command Port Number (1024~65535, followings are excluded : 4352, 10000, 12000, 12004, 12006, 14000, 20000, 27250, 41794)
	DIGITAL LINK Mode	SSU:DLM**	Not avail	QSU:DLM	QSU:DLM**	Not avail	AT/DL/EN/LR	Auto / DIGITAL LINK mode / Ethernet / LongReach
	DIGITAL LINK STATUS	-	-	QSU:DLS	QSU:DLS* * -** -**	Not avail	0 / 1 / 2 / 3 0 / 1 / 2 -00 ~ -99 -00 ~ -99	No connect / Digital Link / LPM / Ethernet No HDMI / HDMI(No HDCP) / HDMI(HDCP) Minimum Signal Quality Maximum Signal Quality  (Example) QSU:DLS%1%2-%3%4-%5%6 %1: Link Status %2:HDMI Signal Status (correspond to HDMI Status) %3%4:Signal Quality MIN (00-99) %5%6:Signal Quality MAX (00-99)
	AMX D.D.	SSU:ADD*	Not avail	QSU:ADD	QSU:ADD*	Not avail	0 / 1	OFF / ON
	Crestron Connected™	SSU:CRV*	Not avail	QSU:CRV	QSU:CRV*	Not avail	0 / 1	OFF / ON

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation	
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby			
setup	Network settings	Extron XTP	SSU:EXP*	Not avail	QSU:EXP	QSU:EXP*	Not avail	0 / 1	OFF / ON
		USB memory network settings	SSU:UNS*	Not avail	QSU:UNS	QSU:UNS*	Not avail	0 / 1	Prohibit / Permit
		LAN Control Protocol	OSP:LPN***	Not avail	QSP:LPN	QSP:LPN***	Not avail	LP1 / LP2	Procotol1 / Protocol2
		Reset	SSU:LRT	Not avail	-	-	-	-	
	USB media player settings	USB media player	SUS:UMP*	Not avail	QUS:UMP	QUS:UMP*	Not avail	0 / 1	Disable / Enable
		Schedule play function	SUS:SPF*	Not avail	QUS:SPF	QUS:SPF*	Not avail	0 / 1	Disable / Enable
		Video Playback Mode	SUS:VPB*	Not avail	QUS:VPB	QUS:VPB*	Not avail	0 / 1	Standard / Adjust
		Still picture rotation	SUS:STR*	Not avail	QUS:STR	QUS:STR*	Not avail	0 / 1 / 2	Landscape / Portrait / Exif information
		Resume play	SUS:RSP*	Not avail	QUS:RSP	QUS:RSP*	Not avail	0 / 1	OFF / ON
		Slide show duration	SUS:SSD***	Not avail	QUS:SSD	QUS:SSD***	Not avail	010 ~ 600	10 - 600 seconds (5 second unit)
		Play mode	SUS:SPM*	Not avail	QUS:SPM	QUS:SPM*	Not avail	0 / 1	Individual play / Synchronize play
		get Schedule play mode	-	-	QUS:CMS	QUS:CMS*	Avail	0 / 1	Normal mode / Schedule play mode (standby : Normal standby / Schedule wait standby)
	Memory viewer settings	Memory viewer function	SMS:MVF*	Not avail	QMS:MVF	QMS:MVF*	Not avail	0 / 1	OFF / ON
		View	SMS:VIE***	Not avail	QMS:VIE	QMS:VIE***	Not avail	THU / LIS	Thumbnail / List
		Content select	SMS:CON***	Not avail	QMS:CON	QMS:CON***	Not avail	STL / VID / AUD / ALL / SAV / SAA / VAA	Picture / Video / Audio / All / Picture/Video / Picture/Audio / Video/Audio
		Sort type	SMS:TYP***	Not avail	QMS:TYP	QMS:TYP***	Not avail	DAT / NAM	Date / Name
		Sort order	SMS:ODR***	Not avail	QMS:ODR	QMS:ODR***	Not avail	ASD / DSD	Ascending / Descending
		Play method	SMS:RPT***	Not avail	QMS:RPT	QMS:RPT***	Not avail	NON / ONE / ALL / RAN / SEL / PRG	None / Repeat one file / Repeat all files / Random / Select / Program
		Picture duration	SMS:SSD***	Not avail	QMS:SSD	QMS:SSD***	Not avail	010 ~ 600	10 - 600 seconds (5 second unit)
		Auto display content info	SMS:INF*	Not avail	QMS:INF	QMS:INF*	Not avail	0 / 1	OFF / ON
		Auto display operation guide	SMS:GUI*	Not avail	QMS:GUI	QMS:GUI*	Not avail	0 / 1	OFF / ON
	Screen Transfer settings	Screen Transfer function	SSU:STF*	Not avail	QSU:STF	QSU:STF*	Not avail	0 / 1	Disable / Enable
		Cut in	SSU:STC*	Not avail	QSU:STC	QSU:STC*	Not avail	0 / 1	OFF / ON
PIN code		SSU:STP*	Not avail	QSU:STP	QSU:STP*	Not avail	0 / 1	OFF / ON	

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation		
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby				
setup	Wireless presentation settings	Background colour settings	SSU:WBC*	Not avail	QSU:WBC	QSU:WBC*	Not avail	0 / 1	Black / Blue	
		Date/Time setting	SSU:WDT***	Not avail	QSU:WDT	QSU:WDT***	Not avail	000:OFF 001:Y-M-D 002:Y/M/D 003:Y.M.D 004:D-M-Y 005:D/M/Y 006:D.M.Y 007:M-D-Y 008:M/D/Y 009:M.D.Y 010:M D,Y	OFF Y-M-D (Example) 2021-08-24 Y/M/D (Example) 2021/08/24 Y.M.D (Example) 2021.08.24 D-M-Y (Example) 24-08-2021 D/M/Y (Example) 24/08/2021 D.M.Y (Example) 24.08.2021 M-D-Y (Example) 08-24-2021 M/D/Y (Example) 08/24/2021 M.D.Y (Example) 08.24.2021 M D,Y (Example) 08 24,2021	
		Language link	SSU:WLG*	Not avail	QSU:WLG	QSU:WLG*	Not avail	0 / 1	Disable / Enable	
		Function button settings	Function Button Settings	OSP:KFN* ***	Not avail	QSP:KFN* ***	Not avail	Not avail	1 - 6 (SHORT CUT) SIG / SSV / SUT / LNS / ECO / OSH / PRT / PDS / DZM / MSW / MLT / DID / HCO / PLE / POF / PON (INPUT) HM1/HM2/HM3/UC1/SL1/NW1/PC1/UD1/MV1/WB 1 (MEMORY) MEM	setup to FUNCTION KEY 1 - 6 (ACTION & MENU) SIG : Signal menu SSV : Screensaver menu SUT : Timer setup menu LNS : Network settings menu ECO : Power management settings menu OSH : AV Mute MLT : Multi display settings menu PRT : Portrait settings menu PDS : Portrait display switching DZM : Digital zoom MSW : Multi display switching DID : Display ID & Display Name HCO : HDMI-CEC operation PLE : Playlist edit PON : Power on POF : Power off (INPUT) HM1 : HDMI1 HM2 : HDMI2 HM3 : HDMI3 UC1 : USB-C SL1 : SLOT NW1 : Screen Transfer PC1 : PC (*PC[YBPBR]) UD1 : USB/Internal Memory MV1 : MEMORY VIEWER WB1 : WHITEBOARD (MEMORY) MEM : MEMORY 1 - 6 (*PC input mode : PC[YBPBR])
			Function guide Settings	OSP:KFG*	Not avail	QSP:KFG	QSP:KFG*	Not avail	0 / 1	OFF /ON
		Colour design settings	Colour design	SSU:CDS***	Not avail	QSU:CDS	QSU:CDS***	Not avail	ORG / UNV	Original / Universal
		OSD settings	Menu Position	SSU:OPS*	Not avail	QSU:OPS	QSU:OPS*	Not avail	1 / 2 / 3	1:Left(Landscape) / Upper(Portrait) 2:Center 3:Right(Landscape) / Lower(Portrait)

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby		
setup	OSD settings	Menu Display Duration	SSU:MDT***	Not avail	QSU:MDT	QSU:MDT***	Not avail	005 ~ 180 Timeout time of a menu display 5 - 180 seconds (5 second unit)
		On screen display	OSP:OSD*	Not avail	QSP:OSD	QSP:OSD*	Not avail	0 / 1 OFF / ON
		OSD Transparency	SSU:MTL***	Not avail	QSU:MTL	QSU:MTL***	Not avail	000 ~ 100 Transmissivity of a menu 0 ~ 100% (10% unit)
		OSD Memory	SSU:OMY*	Not avail	QSU:OMY	QSU:OMY*	Not avail	0 / 1 OFF / ON
	Control settings	Display ID	-	-	QID:DID	QID:DID***	Not avail	000 ~ 100 Display ID
		Serial ID function	SID:SID*	Not avail	QID:SID	QID:SID*	Not avail	0 / 1 OFF / ON
		Serial Response(Normal)	SCT:RIN*	Not avail	QCT:RIN	QCT:RIN*	Not avail	0 / 1 OFF / ON
		Serial Response(ID all)	SCT:RIA*	Not avail	QCT:RIA	QCT:RIA*	Not avail	0 / 1 OFF / ON
		Serial ID Setup (Serial ID Function and Display ID)	SIF:* ***	Not avail	QIF	QIF:* ***	Not avail	0 / 1 000~100 OFF / ON Display ID
		Serial Control	SCT:SEC***	Not avail	QCT:SEC	QCT:SEC***	Not avail	SE1 / SL1 Serial in / SLOT
		Serial Daisy Chain Position	SCT:DCP***	Not avail	QCT:DCP	QCT:DCP***	Not avail	TOP / DEF / END TOP / --- / END
		Serial ID Group	SCT:SIG*	Not avail	QCT:SIG	QCT:SIG*	Not avail	A / B / C / D / E / F / G A / B / C / D / E / F / G
		Serial Response(ID Group)	SCT:RIG*	Not avail	QCT:RIG	QCT:RIG*	Not avail	0 / 1 OFF / ON
	Sensor settings	Ambient light sensor	SSU:ALS*	Not avail	QSU:ALS	QSU:ALS*	Not avail	0 / 1 / 3 0 : Off 1 : Power save Low 3 : Power save High
		Proximity sensor	SSU:PRS*	Not avail	QSU:PRS	QSU:PRS*	Not avail	0 / 1 / 2 0 : Off 1 : Content operation 2 : Power operation
		Colour sensor	SSU:CLS*	Not avail	QSU:CLS	QSU:CLS*	Not avail	0 / 1 / 2 / 3 / 4 / 5 0 : Off 1 : Colour temperature setting 2 : White adjustment 3 : Colour enhancement 4 : Colour temp/enhance 5 : White adj./Colour enh.
		Mode	SSU:CSM***	Not avail	QSU:CSM	QSU:CSM***	Not avail	LIT / DLT LIT : Illumination DLT : Daylight
	Information Timing	No Signal Warning	SIT:NSW*	Not avail	QIT:NSW	QIT:NSW*	Not avail	0 / 1 0: Off / 1:On On:display sends out the no signal warning.(QST:NSW*)
		No Signal Warning Timing	SIT:SWT**	Not avail	QIT:SWT	QIT:SWT**	Not avail	01 ~ 60 01 ~ 60 (minutes)
		Query status :No Signal Warning Timing	-	Not avail	QST:NSW	QST:NSW*	Not avail	0 / 1 1: No Signal Warning: 0: No waring for this function. *Reply "0" when No Signal Warning is set "OFF".
Message of No Signal Warning (Auto) While RS-232C controls: message sent on the display automatically.		-	Not avail	-	QST:NSW*	Not avail	0 / 1 1: No Signal Warning: 0: No waring for this function.	

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation	
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby			
Setup	Information Timing	No Signal Error	SIT:NSE*	Not avail	QIT:NSE	QIT:NSE*	Not avail	0 / 1 On:display sends out the no signal error..(QST:NSE*)	
		No Signal Error Timing	SIT:SET**	Not avail	QIT:SET	QIT:SET**	Not avail	01 ~ 90	
		Query status :No Signal Error Timing	-	Not avail	QST:NSE	QST:NSE*	Not avail	0 / 1	
		Message of No Signal Error Timing (Auto) While RS-232C controls: message sent on the display automatically.	-	Not avail	-	QST:NSE*	Not avail	0 / 1	
		Temperature Warning	SIT:TPW*	Not avail	QIT:TPW	QIT:TPW*	Not avail	0 / 1	
		Query status :Temperature warning	-	Not avail	QST:TO	QST:TO*	Not avail	0 / 1	
		Message of Temperature warning(Auto) While RS-232C controls: message sent on the display automatically.	-	Not avail	-	QST:TO*	Not avail	0 / 1	
	SLOT Settings	SLOT information (Versioin)	-	-	QSU:SIV	QSU:SIV *****	Not avail	(example) ***** : 31323334	
		SLOT power link	SSU:SPL*	Not avail	QSU:SPL	QSU:SPL*	Not avail	0 / 1	
		SLOT standby	SSU:SSB*	Not avail	QSU:SSB	QSU:SSB*	Not avail	0 / 1	
		SLOT forced termination	SSU:SOF	Not avail	-	-	-	-	
		SLOT power on	SSU:SON	Not avail	-	-	-	-	
	Others	Others	Recall	DDS	Not avail	-	-	-	Recall
			Display ID / Display name	DDS:DID	Not avail	-	-	-	Display ID / Display name
Audio Mute			AOC:*	Not avail	-	-	-	0 / 1	
OSD Clear			VDO	Not avail	-	-	-	OSD Clear	
digital zoom			DZM:*	Not avail	QDZ	QDZ:*	Not avail	0 / 1, 1 / 2 / 3 / 4, 1 / 2 / 3 / 4 / 5, 1 / 2 / 3 / 4 / 5	
Off Timer			ZOT:**	Not avail	-	-	-	00 ~ 90	
USB media player Skip to the next playback file			UMP:NXT	Not avail	-	-	Not avail	-	
USB media player Skip to the previous playback file			UMP:PRE	Not avail	-	-	Not avail	-	
USB media player Playback again from top of the file			UMP:RPY	Not avail	-	-	Not avail	-	

TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby		
Others	Inquiry about Signal Status of input signal	-	-	QST:SGS	QST:SGS*	Not avail	0 / 1 / 2	Signal Status information 0 : Valid signal 1 : No signal 2 : Unsupported signal
	Inquiry about Signal Frequency of input signal	-	-	QFR	QFR:H***.** V***.**	Avail	000.00 ~ 999.99, 000.00 ~ 999.99	Horizontal frequency Vertical frequency Displayed until the decimal point second place.
	Inquiry about Signal Format of input signal	-	-	QSF	QSF:***** *****	Avail	( MAX 20 Characters )	Signal format information
	Inquiry about Signal Information(WPS)	-	-	QST:WTX	QST:WTX H***.** V**.** D***.** S***** ** H***.** V**.** D***.** S***** ** H***.** V**.** D***.** S***** ** H***.** V**.** D***.** S***** **	Not avail	( example ) With video signal H***.** : H123.45 V**.** : V12.34 D***.** : D123.45 S***** : S1080/60p----- - Without video signal H***.** : H000.00 V**.** : V00.00 D***.** : D000.00 S***** : S-----	H : Horizontal frequency V : Vertical frequency D : Dot clock S : Signal format information
	Inquiry about detail of DIGITAL LINK status	-	-	QST:DLD	QST:DLD * *** * _** _** _** _** _** _** _**	Not avail	0 / 1 / 2 / 3 000-225, <20 0 / 1 / 2 -00~-99 -00~-99 -00~-99 -00~-99 -00~-99 -00~-99	No connect / Digital Link / LPM / Ethernet (Est. Cable Length)(m) (*) No HDMI / HDMI(No HDCP) / HDMI(HDCP) ChannelA Signal Quality ChannelB Signal Quality ChannelC Signal Quality ChannelD Signal Quality Minimum Signal Quality Maximum Signal Quality (*)Est. Cable Length VS100RXFirmware :000>20(20mLAN)
	Inquiry about HDCP status	-	-	QST:DCP	QST:DCP***	Not avail	PRT / NON / ---	Protected / None / No signal
	Inquiry about Monitor Used Time	-	-	QST:PT	QST:PT*****	Avail	00000 ~ 99999	Monitor Used Time (hour)
	Setting Hostname	SSU:HSN*...*	Not avail	QSU:HSN	QSU:HSN*...*	Not avail	0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n o p q r s t u v w x y z -	HOSTNAME(Max 20 Parameters)
	Auto Command Send Setting	RCM:* *	Not avail	-	-	-	0 / 1 0 / 1 (1~2 / Number of parameters is 1 to 2.)	OFF / ON --- QSS (QSS command) OFF / ON --- QSS:STSERR (QSS:STSERR )



TYPE	Function	Control Command		Inquiry Command			Range and kind of parameter Call-back	Explanation
		Transmission Command [:Parameters]	Standby	Transmission Command [:Parameters]	Reply Command [:Parameters]	Standby		
Others	Inquiry about Model Name	-	-	QMN	QMN: ** * **	Avail	EQ2: 43 / 50 / 55 / 65 / 75 / 86 U 22  SQ2H: 43 / 50 / 55 U 22	Inch size UHD model Product of 2022
	Inquiry about Model	-	-	QID	QID: **. ***.. *	Avail	EQ2: 43 / 50 / 55 / 65 / 75 / 86 EQ2 J / W  SQ2H: 43 / 50 / 55 SQ2H J	Inch size model market
	Software Version Main MCU	-	-	QRV	QRV: * **** SF2H	Avail	*Example 1.0000 SQ1	Version model
	Software Version Sub MCU	-	-	QRV:STB	QRV:STB**.*	Avail	*Example 01.00	Version
	Software Version EEPROM	-	-	QRV:EEP	QRV:EEP**.*	Avail	*Example 01.00	Version
	Software Version HDBaseT RX	-	-	QRV:HBT	QRV:HBT **.*****	Avail	*Example 30.90.000C	Version
	Software Version FPGA	-	-	QRV:FP1	QRV:FP1_ **.*	Not Avail	*Example 01.00	Version
	Software Version SDI FPGA	-	-	QRV:FP2	QRV:FP2_ **.*	Not Avail	*Example 01.00	Version
	Software Version WPS SDM Slot	-	-	QRV:WSD	QRV:WSD **.*****.*****	Not avail	*Example 1.9598.479	Version
	Software Version USB-C	-	-	QRV:UC1	QRV:UC1 **.*	Not avail	*Example 10.1.1	Version
	Serial number	-	-	QSN	QSN:*****	Avail	(ASCII 9~15 / 9 to 15 figures of the ASCII characters)	(Alphanumeric character)(capital letter of the alphabet)(Blank)'-(0x30-0x39,0x41-0x5a,0x20,0x2d)
	MAC Address	-	-	QMA	QMA:*****	Not Avail	0~9, A~F 12 figures	MAC Address
LAN data Cloning - Write protect	LCL:WRP*	Not Avail	QCL:WRP	QCL:WRP*	Not Avail	0 / 1	OFF / ON	