RS232C Command List for EK-600U/601W

Pin Alignment

PC			Projector	
Pin	Description		Pin	Description
1	DCD		1	NC
2	RXD		2	RXD
3	TXD		3	TXD
4	DTR		4	NC
5	GND		5	GND
6	DSR		6	NC
7	RTS		7	RTS
8	CTS		8	CTS
9	RI		9	NC
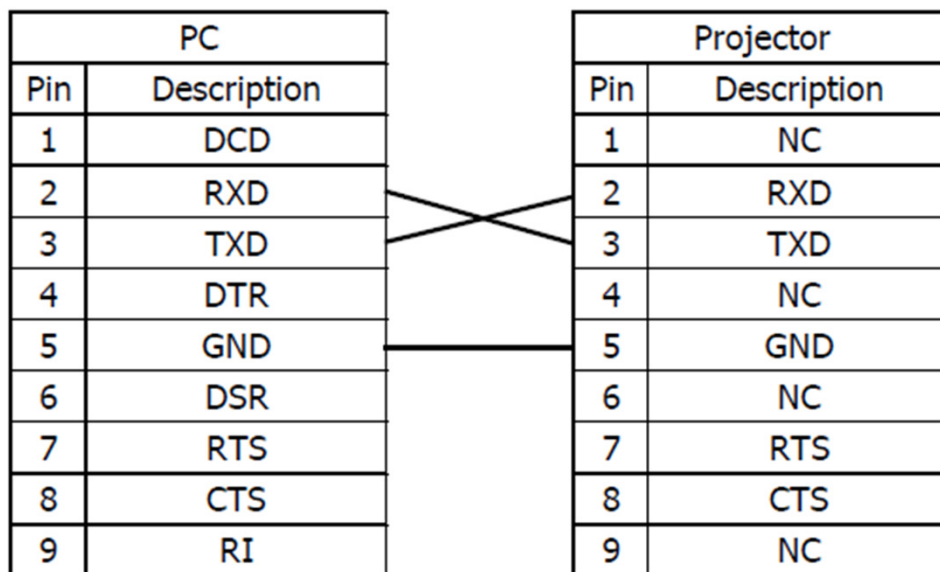
RS232C Setting

Baud Rate:	19200 (Default)
Parity Check:	None
Data Bit:	8
Stop Bit:	1
Flow Control:	None

Category	Item	Standard format commands	Expand format commands	parameter(%1=)	reply	note
IMAGE	1-1		CR_IMAGE		0~7	Check Display Mode
			CF_IMAGE_%1	0		Presentation
				1		Bright
				2		Movie
				3		sRGB
				4		Blackboard
				5		3D_DLP
				6		DICOM SIM
				7		User
	1-2		CR_BRIGHT		-50~50	Check Brightness Value
			CF_BRIGHT_%1	-50~50		Set Brightness Value (-50 ~ 50)
		C20		UP		Increase setting value (+1) from current setting
		C21		DN		Decrease setting value (-1) from current setting
	1-3		CR_CONT		-50~50	Check Contrast Value
			CF_CONT_%1	-50~50		Set Contrast Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-4		CR_SHARP		1~15	Check Sharpness Value
			CF_SHARP_%1	1~15		Set Sharpness Value (1 ~ 15)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-5		CR_COLOR		-50~50	Check Color Value
			CF_COLOR_%1	-50~50		Set Color Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-6		CR_TINT		-50~50	Check Tint Value
			CF_TINT_%1	-50~50		Set Tint Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-7		CR_NZRED		0~10	Check Noise Reduction Value
			CF_NZRED_%1	0~10		Set Noise Reduction Value (0 ~ 10)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-8		CR_BCOLOR		1~10	Check Brilliant Color Value
			CF_BCOLOR_%1	1~10		Set Brilliant Color Value (1 ~ 10)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-9		CR_DYNAMICBLACK		0 ~ 1	Check Dynamic Black setting
			CF_DYNAMICBLACK_%1	0		off
				1		on
	1-10		CR_GAMMA		0 ~ 7	Check Gamma setting
				0		Film
				1		Graphics
				2		1.8
			CF_GAMMA_%1	3		2
				4		2.2
				5		2.6
				6		Blackboard
				7		DICOM
	1-11		CR_COLTEMP		0~3	Check Color Temp setting
				0		Warm
			CF_COLTEMP_%1	1		Standard
				2		Cool
				3		Cold
	1-12		CR_COLORSPACE		0~3	Check Color Space setting
				0		digital:Auto analog:AUTO
			CF_COLORSPACE_%1	1		digital:RGB0~255 analog:RGB
				2		digital:RGB16~235 analog:YUV
				3		digital:YUV
	1-13-1		CR_GAIN_R		-50~50	Check Red Gain Value
			CF_GAIN_R_%1	-50~50		Set Red Gain Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-13-2		CR_GAIN_G		-50~50	Check Green Gain Value
			CF_GAIN_G_%1	-50~50		Set Red Gain Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-13-3		CR_GAIN_B		-50~50	Check Blue Gain Value
			CF_GAIN_B_%1	-50~50		Set Red Gain Value(-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-13-4		CR_OFFSET_R		-50~50	Check Red Bias Value
			CF_OFFSET_R_%1	-50~50		Set Red Bias Value(-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-13-5		CR_OFFSET_G		-50~50	Check Green Bias Value
			CF_OFFSET_G_%1	-50~50		Set Green Bias Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-13-6		CR_OFFSET_B		-50~50	Check Blue Bias Value
			CF_OFFSET_B_%1	-50~50		Set Blue Bias Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-13-7		CF_GO_RST			Reset the value of Gain/Bias
	1-14-1		CR_CM_RH		-50~50	Check Red Part of Hue Value
			CF_CM_RH_%1	-50~50		Set Red Part of Hue Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-14-2		CR_CM_RS		-50~50	Check Red Part of Saturation Value
			CF_CM_RS_%1	-50~50		Set Red Part of Saturation Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-14-3		CR_CM_RG		-50~50	Check Red Part of Gain Value
			CF_CM_RG_%1	-50~50		Set Red Part of Gain Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-14-4		CR_CM_GH		-50~50	Check Green Part of Hue Value
			CF_CM_GH_%1	-50~50		Set Green Part of Hue Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-14-5		CR_CM_GS		-50~50	Check Green Part of Saturation Value
			CF_CM_GS_%1	-50~50		Set Green Part of Saturation Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting

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			CR_CM_GG		-50~50	Check Green Part of Gain Value
	1-14-6		CF_CM_GG_%1	-50~50		Set Green Part of Gain Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_BH		-50~50	Check Blue Part of Hue Value
	1-14-7		CF_CM_BH_%1	-50~50		Set Blue Part of Hue Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_BS		-50~50	Check Blue Part of Saturation Value
	1-14-8		CF_CM_BS_%1	-50~50		Set Blue Part of Saturation Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_BG		-50~50	Check Blue Part of Gain Value
	1-14-9		CF_CM_BG_%1	-50~50		Set Blue Part of Gain Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_CH		-50~50	Check Cyan Part of Hue Value
	1-14-10		CF_CM_CH_%1	-50~50		Set Cyan Part of Hue Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_CS		-50~50	Check Cyan Part of Saturation Value
	1-14-11		CF_CM_CS_%1	-50~50		Set Cyan Part of Saturation Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_CG		-50~50	Check Cyan Part of Gain Value
	1-14-12		CF_CM_CG_%1	-50~50		Set Cyan Part of Gain Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_MH		-50~50	Check Magenta Part of Hue Value
	1-14-13		CF_CM_MH_%1	-50~50		Set Magenta Part of Hue Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_MS		-50~50	Check Magenta Part of Saturation Value
	1-14-14		CF_CM_MS_%1	-50~50		Set Magenta Part of Saturation Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_MG		-50~50	Check Magenta Part of Gain Value
	1-14-15		CF_CM_MG_%1	-50~50		Set Magenta Part of Gain Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_YH		-50~50	Check Yellow Part of Hue Value
	1-14-16		CF_CM_YH_%1	-50~50		Set Yellow Part of Hue Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_YS		-50~50	Check Yellow Part of Saturation Value
	1-14-17		CF_CM_YS_%1	-50~50		Set Yellow Part of Saturation Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_YG		-50~50	Check Yellow Part of Gain Value
	1-14-18		CF_CM_YG_%1	-50~50		Set Yellow Part of Gain Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_WGR		-50~50	Check White Part of Red Gain Value
	1-14-19		CF_CM_WGR_%1	-50~50		Set White Part of Red Gain Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_WGG		-50~50	Check White Part of Green Gain Value
	1-14-20		CF_CM_WGG_%1	-50~50		Set White Part of Green Gain Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_CM_WGB		-50~50	Check White Part of Blue Gain Value
	1-14-21		CF_CM_WGB_%1	-50~50		Set White Part of Blue Gain Value (-50 ~ 50)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-14-22		CF_CMFDEFAULT_RST			Reset the value of Color Matching
			CR_AUTOPHASEFREQ		0~1	Check Auto Phace and frequency Value. 0:off,1:on
	1-15		CF_AUTOPHASEFREQ_%1	0		Set Auto Phace and frequency Value
				1		Set Auto Phace and frequency Value
			CR_PHASE		0~31	Check Phase Value
	1-16		CF_PHASE_%1	0~31		Set Phase Value (0 ~ 31)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_FREQ		-10~10	Check Frequency Value
	1-17		CF_FREQ_%1	-10~10		Set Frequenc Value (-10 ~ 10)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_HPOS		-10~10	Check Horizontal Position Value
	1-18		CF_HPOS_%1	-10~10		Set Horizontal Position Value (-10 ~ 10)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_VPOS		-10~10	Check Vertical Position Value
	1-19		CF_VPOS_%1	-10~10		Set Vertical Position Value (-10 ~ 10)
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_VBLEVEL		-5~5	Check Video Black Level setting
	1-20		CF_VBLEVEL_%1	-5~5		Set Video Black Level setting
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
			CR_VWLEVEL		0~31	Check White Peaking Value
	1-21		CF_VWLEVEL_%1	0~31		Set White Peaking setting
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	1-22		CR_IRE			Check IRE Value
			CF_IRE_%1	0		0
				1		7.5
	1-23		CF_IMAGE_RESET			Reset the value of all image setting
			CR_ASPECT		1~7	CheckAspect Ratio setting
				1		4:3
				2		16:9
	2-1			3		16:10
			CF_ASPECT_%1	4		N/A
				5		LBX
				6		Native
				7		Auto

Category	Item	Standard format commands	Expand format commands	parameter(%1=)	reply	note
DISPLAY	2-2		CR_ZOOM		-5~25	Check Zoom value
			CF_ZOOM_%1	-5~25		Set Zoom value
		C30		UP		Increase setting value (+1) from current setting
		C31		DN		Decrease setting value (-1) from current setting
	2-3		CR_EDGEMASK		0~10	Check Edge Mask value
			CF_EDGEMASK_%1	0~10		Set Edge Mask value
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	2-4		CR_DSHIFT_H		-100~100	Check H Digital Shift value
			CF_DSHIFT_H_%1	'-100~100		Set H Digital Shift value
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	2-5		CR_DSHIFT_V		-100~100	Check V Digital Shift value
			CF_DSHIFT_V_%1	'-100~100		Set V Digital Shift value
				UP		Increase setting value (+1) from current setting
				DN		Decrease setting value (-1) from current setting
	2-6		CR_KYSTN_H		-30 ~ 30	Check H Keystone value
			CF_KYSTN_H_%1	-30 ~ 30		Set H Keystone Value ('-30 ~ 30)
		C90		UP		Increase setting value (+1) from current setting
		C91		DN		Decrease setting value (-1) from current setting
	2-7		CR_KYSTN_V		-30 ~ 30	Check V Keystone value
			CF_KYSTN_V_%1	-30 ~ 30		Set V Keystone Value ('-30 ~ 30)
		C8E		UP		Increase setting value (+1) from current setting
		C8F		DN		Decrease setting value (-1) from current setting
	2-8		CR_AUTOKYSTN_V		0~1	Check V Auto Keystone value
			CF_AUTOKYSTN_V_%1	0		Set V Auto Keystone value
				1		Set V Auto Keystone value
	2-9		CR_3D-MODE		0~2	0:off, 1:DLP-Link, 2:VESA-3D
			CF_3D-MODE_%1	0		off
				1		DLP-Link
				2		VESA-3D
	2-10		CR_3D-2D		0~2	0:3D, 1:L(2D), 2:R(2D)
			CF_3D-2D_%1	0		3D
				1		L
				2		R
	2-11		CR_3D-INVERT		0~1	Check 3D-Invert setting
			CF_3D-INVERT_%1	0		off
				1		on
SETUP	3-1		CR_LANG		0~22	Check Language setting
			CF_LANG_%1	0		English
				1		Deutsch
				2		عربي
				4		Français
				5		Italiano
				6		Español
				7		Português
				8		Polski
				9		Nederlands
				10		Русский
				11		Suomi
				12		Svenska
				13		(Norsk/Dansk)
				14		Magyar
				15		Čeština
				16		繁體中文
				17		簡体中文
				18		日本語
				19		한국어
				20		ไทย
				21		Türkçe
				22		Indonesian
	3-2		CR_PROJECTION		0~3	Check Projection (Ceiling/Rear) setting
			CF_PROJECTION_%1	0		desk top
				1		ceiling
				2		real
				3		real and ceiling
	3-3		CR_SCREENTYPE		0~1	Check screen type setting
			CF_SCREENTYPE_%1	0		16:10
				1		16:9
	3-4		CR_MENULACTION		0~4	
			CF_MENULACTION_%1	0		Top Left
				1		Top Right
				2		Center
				3		bottom Left
				4		bottom Right
	3-5		CR_PROJECTORID		0~99	Check Projector ID
			CF_PROJECTORID_%1	0~99		Set Projector ID
	3-6		CR_INTERSPEKER		0~1	Check Internal speaker status
			CF_INTERSPEKER_%1	0		off
				1		on
	3-7		CR_MUTE		0~1	Check Mute status
			CF_MUTE_%1	0		off
				1		on
	3-8-1		CR_VOLUMEAUDIO		0~10	Check Audio Volume setting
			CF_VOLUMEAUDIO_%1	0~10		Set Audio Volume setting
	3-8-2		CR_VOLUMEMIC		0~10	Check Mic Volume setting
			CF_VOLUMEMIC_%1	0~10		Set Mic Volume setting
	3-9		CR_AUDIOIN		0~3	Check Audio Input setting
			CF_AUDIOIN_%1	0		default
				1		Audio input 1
				2		Audio input 2
				3		Audio input 3
	3-10		CR_AUDIOOUTSTANDBY		0~1	Check Audio Out Standby setting
			CF_AUDIOOUTSTANDBY_%1	0		off
				1		on
	3-11		CR_LOGO		0~2	Check LOGO setting
			CF_LOGO_%1	0		Default
				1		User(Logo capturu only)
				2		Neutral
	3-12		CF_LOGOCAPTURE			Logo Capture
	3-13		CR_CCAPTIONDISP		0~2	Check Closed Caption setting
			CF_CCAPTIONDISP_%1	0		off
				1		CC1
				2		CC2

Category	Item	Standard format commands	Expand format commands	parameter(%1=)	reply	note
	3-14-1		CR_HDBASETNET		0~1	Check HDBaseT Ethernet setting
			CF_HDBASETNET_%1	0		off
				1		on
	3-14-2		CR_HDBASET232		0~1	Check HDBaseT RS232 setting
			CF_HDBASET232_%1	0		off
				1		on
	3-14-3		CR_CRESTRON		0~1	Check Crestron setting
			CF_CRESTRON_%1	0		off
				1		on
	3-14-4		CR_EXTRON		0~1	Check Extron setting
			CF_EXTRON_%1	0		off
				1		on
	3-14-5		CR_PJLINK		0~1	Check PJ-Link setting
			CF_PJLINK_%1	0		off
				1		on
	3-14-6		CR_AMX		0~1	Check AMX Device Discovery setting
			CF_AMX_%1	0		off
				1		on
	3-14-7		CR_TELNET		0~1	Check Telnet setting
			CF_TELNET_%1	0		off
				1		on
	3-14-8		CR_HTTP		0~1	Check HTTP setting
			CF_HTTP_%1	0		off
				1		on
OPTION	4-1-1		CR_SOURCEVGA1		0~1	Check Input source VGA1 setting
			CF_SOURCEVGA1_%1	0		disable
				1		enable
	4-1-2		CR_SOURCEVGA2		0~1	Check Input source VGA2 setting
			CF_SOURCEVGA2_%1	0		disable
				1		enable
	4-1-3		CR_SOURCEHDMI1		0~1	Check Input source HDMI1 setting
			CF_SOURCEHDMI1_%1	0		disable
				1		enable
	4-1-4		CR_SOURCEHDMI2		0~1	Check Input source HDMI2 setting
			CF_SOURCEHDMI2_%1	0		disable
				1		enable
	4-1-5		CR_SOURCEVIDEO		0~1	Check Input source VIDEO setting
			CF_SOURCEVIDEO_%1	0		disable
				1		enable
	4-1-6		CR_SOURCESVIDEO		0~1	Check Input source SVIDEO setting
			CF_SOURCESVIDEO_%1	0		disable
				1		enable
	4-1-7		CR_SOURCEDP		0~1	Check Input source Displayport setting
			CF_SOURCEDP_%1	0		disable
				1		enable
	4-1-8		CR_SOURCEHDBASET		0~1	Check Input source HDBaseT setting
			CF_SOURCEHDBASET_%1	0		disable
				1		enable
	4-2		CR_SOURCELOCK		0~1	Check Input Source Lock setting
			CF_SOURCELOCK_%1	0		off
				1		on
	4-3		CR_ALTITUDE		0~1	Check High Altitude setting
			CF_ALTITUDE_%1	0		off
				1		on
	4-4		CR_INFOHIDE		0~1	Check Information Hide setting
			CF_INFOHIDE_%1	0		off
				1		on
	4-5		CR_KEYPADLOCK		0~1	Check Keypad Lock setting
			CF_KEYPADLOCK_%1	0		off
				1		on
	4-6		CR_DISPLAYMODELOCK		0~1	Check Display Mode Lock setting
			CF_DISPLAYMODELOCK_%1	0		off
				1		on
	4-7		CR_TESTPAT		0~2	Check Test Pattern setting
			CF_TESTPAT_%1	0		None
				1		Grid
				2		White
	4-8		CR_BACKGND		0~4	Check Background color setting
			CF_BACKGND_%1	0		Black
				1		Red
				2		Blue
				3		Green
				4		White
	4-9		CR_WALL		0~5	Check Wall color setting
			CF_WALL_%1	0		off
				1		Light Yellow
				2		Light Green
				3		Light Blue
				4		Pink
				5		Gray
	4-10		CR_REMOTEUSER1		0~7	Check Remote USER key 1 setting
			CF_REMOTEUSER1_%1	0		HDMI2
				1		DP
				2		VGA2
				3		SVEDIO
				4		Test Pattrn
				5		Zoom
				6		Info
				7		HDBeseT
	4-11		CR_REMOTEUSER2		0~7	Check Remote USER key 2 setting
			CF_REMOTEUSER2_%1	0		HDMI2
				1		DP
				2		VGA2
				3		SVEDIO
				4		Test Pattrn
				5		Zoom
				6		Info
				7		HDBeseT
	4-12		CR_IR		0~3	Check IR Function setting
			CF_IR_%1	0		all
				1		front
				2		top
				3		off

Category	Item	Standard format commands	Expand format commands	parameter(%1=)	reply	note
	4-13		CR_12VTRIGGER		0~1	Check 12V Trigger setting
			CF_12VTRIGGER_%1	0		off
				1		on
	4-14		CR_BEEP		0~1	Check Beep setting
			CF_BEEP_%1	0		off
				1		on
	4-15	C29	CR_AUTOPOWERON		0~1	Check Direct Power On setting
			CF_AUTOPOWERON_%1	0		off
		C28		1		on
	4-16		CR_AUTOPOWEROFF		0~180(min)	Check Auto Power Off setting
				0		off
			CF_AUTOPOWEROFF_%1	UP		Increase setting value (+5) from current setting
				DN		Decrease setting value (-5) from current setting
	4-17		CR_SLEEP		0~990(min)	Check Auto Power Off setting
				0		off
			CF_SLEEP_%1	UP		Increase setting value (+10) from current setting
				DN		Decrease setting value (-10) from current setting
	4-18		CR_QRESUME		0~1	Check Quick Resume setting(EK601W only)
			CF_QRESUME_%1	0		off
				1		on
	4-19		CR_STANDBYPOWER		0~1	Check Standby Power setting
			CF_STANDBYPOWER_%1	0		Normal
				1		Eco
	4-20		CR_LAMPREMINDER		0~1	Check Lamp Reminder setting
			CF_LAMPREMINDER_%1	0		off
				1		on
	4-21		CR_LAMPMODE		0~2	Check Lamp Mode setting
				0		Bright
			CF_LAMPMODE_%1	1		ECO
				2		Power
	4-22		CR_LAMPPOWER		0~5	Check Lamp Power setting
				0		280W
				1		300W
			CF_LAMPPOWER_%1	2		310W
				3		330W
				4		350W
				5		365W
	4-23		CF_LAMP_RESET			Lamp reset
	4-24		CR_FILTER		0~1	Check Filter Installed setting
			CF_FILTER_%1	0		no
				1		yes
	4-25		CR_FILTERREMINDER		0~4	Check Filter Reminder setting
				0		off
				1		300hrs
			CF_FILTERREMINDER_%1	2		500hrs
				3		800hrs
				4		1000hrs
	4-26		CF_FILTER_RESET			Reset Filter setting
	4-27		CF_INFO			Display Information
	4-28		CF_FACTORY_RESET			Do Factory reset function
Others	A-1	C01				Power Off (Directly Off)
	A-2	CR0			00~99	Get the projector's status 0 = RESET /* system is in the reset power state */ 1 = STANDBY /* system is in the standby power state */ 2 = ACTIVE /* system is in the active power state */ 3 = COOLING /* system is cooling */ 4 = WARMING /* system is warming */ 5 = POWERUP /* this state indicates system is powering up */
	A-3	CR1			00~08	Get the information of input source 01 = VGAI 02 = VGA2 03 = HDMI1 04 = HDMI2 05 = Video 06 = S-Video 07 = DisplayPort 08 = HDBaseT
	A-4	CR3			0~	Lamp time read (hours)
	A-5	CR4			"%1_%2_%3"	Get the temperature data inside the projector %1 = Temperature of Sensor 1(There is only one thermal sensor in our system)
Remote Control key						
Remote Control	B-1	C00				Power On
	B-2	C02				Power Off
	B-3		CF_KYTESTPATTERN			Test Pattern
	B-4		CF_KYMOUSESWITCH			Mouse Switch
	B-5		CF_KYF1			F1
	B-6		CF_KYF2			F2
	B-7		CF_KYMODE			Mode
	B-8		CF_KYAVMUTE			AV Mute
	B-9	C3C				↑
	B-10	C3B				←
	B-11	C3A				→
	B-12	C3D				↓
	B-13	C3F				ENTER
	B-14		CF_KYINFO			Info.
	B-15		CF_KYRESYNC			Source
	B-16	C89				Re-Sync
	B-17	C09				Volume +
	B-18	C0A				Volume -
	B-19		CF_KYMENU			Menu
	B-20	C8E				V Keystone ▲
	B-21	C8F				V Keystone ▼
	B-22		CF_KYFORMAT			Format
	B-23		CF_KYZOOM			Zoom
	B-24	C05				VGA1 (1)
	B-25	C34				S-Video (2)
	B-26	C36				HDMI1 (3)
	B-27	C38				HDMI2
	B-28	C06				VGA2 (4)
	B-29	C07				Video (5)
	B-30	C17				DisplayPort (9)