

Serial Communication

The following table describes the serial communication configuration that should be used when interfacing to CLI via the serial port.

Windows HyperTerminal or ProComm are two tools that can be used to send CLI commands across the serial port.

Setting	Value
Bits per second	19200
Data bits	8
Parity	None
Stop bits	1
Flow control	None
Emulation	VT100

No	Function	Command	RW	Min	Max	Default	Step	Parameter
1V	AC Power On (Auto power on)	APO	RW	0	1	0	1	0:Disable; 1:Enable
3V	Aspect Ratio	ARZ	RW	0	5	0	1	0:Fill 1:4:3 2:16:9 3:Letterbox 4:Native 5:2.35:1
4V	Auto Image	AIM	W	n/a	1	1	1	1:Enable
5V	Auto Off Time	AOT	RW	0	36	6	1	0:Never 1~36 * 5 = ? min 1:5min 6:30min (Default) 36:180min
6V	Auto Source	ASC	RW	0	1	1	1	0:Disable; 1:Enable
7V	Blank Screen	BLK	RW	0	1	0	1	0:Disable; 1:Enable
9V	Brightness	BRT	RW	0	100	50	1	Valid only when Display Mode = User
11V	Projection (Ceiling mode)	CEL	RW	0	3	0	1	0:Front 1:Rear 2:Ceiling 3:Ceiling+Rear
12V	Closed Captions: Non-Muted	CLC	RW	0	1	0	1	Off On (CC1)
14V	Color	CLR	RW	0	100	50	1	Video S-Video only = saturation
15 (None)	Color Space	CSM	RW	0	2	0	1	Valid only when Display Mode = User 0:Auto 1:RGB 2:YUV

No	Function	Command	RW	Min	Max	Default	Step	Parameter
16V	Color Temp	TMP	RW	0	2	Source Specific	1	Valid only when Display Mode = User 0:Warm 1:Normal 2:Cold
17V	Contrast	CON	RW	0	100	50	1	Valid only when Display Mode = User
18V	Current Source	SRC	RW	0	13	0	1	0:VGA1 5:HDMI-1 6:HDMI-2 10:Component 12:Video 13:S-Video
21V	Digital Zoom	DZM	RW	-10	10	0	1	-10~10
27V	Error Condition	ERR	R	n/a	n/a	n/a	n/a	0:No error 1:Lamp not lit after 5 Attempts 3:Lamp went out unexpectedly 4:Fan failure 5:Over- heating 8:DMD error 9:Color wheel
28V	Factory Reset	RST	W	n/a	1	1	1	1:reset
32V	Freeze Screen	FRZ	RW	0	1	0	1	0:Disable
34V	Gamma	GTB	RW	0	5	Source Specific	1	Valid only when Display Mode = User 0:1.8 1:2.0 2:2.2 3:2.4 4:B&W 5:Linear
40V	Horz. Position	HPS	RW	x	x	0	1	RGB source only (HPS?) to get range
45V	Lamp Hours in High Power Mode	LMO	R	0	9999			Displays the number of hours that the current lamp has run in High Power (Normal) mode.
46V	Lamp Hours in Low Power Mode	LME	R	0	9999			Displays the number of hours that the current lamp has run in Low Power (Eco) mode.
47V	Lamp Life	LIF	R	n/a	4000			240W lamp life 4000
49V	Lamp Resets (Total number)	LMR	R	0	9999	0	1	
62V	Lamp Low Power	IPM	RW	0	1	0	1	1=ECO, 0=Normal

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No	Function	Command	RW	Min	Max	Default	Step	Parameter
63V	Language	LAN	RW	0	20	0	1	0:English 1:French 2:German 3:Spanish 4:Portuguese 5:Simplified Chinese 6:Traditional Chinese 7:Italian 8:Norwegian 9:Swedish 10:Dutch 11:Russian 12:Finnish 13:Korean 14:Arabic 15:Turkish 16:Japanese 17:Brazilian Portuguese 18:Kazakh 19:Vietnamese 20:Danish
77V	Menu	MNU	RW	0	1	0	1	0:Clear; 1:Display
79V	Menu Navigation	NAV	W	0	5	n/a	1	0:Menu Key 1:Up Key 2:Down Key 3:Select Key 4:Left Key 5:Right Key
81V	Menu Transparency	TOE	RW	0	4	0	5	0:0% 1:20% 2:40% 3:60% 4:80%
91V	Mute	MTE	RW	0	1	0	1	0:disable; 1:enable
103 (None)	Overscan	OVS	RW	0	1	0	1	0:disable; 1:enable
104V	Frequency (Phase)	MSS	RW	0	31	x	1	RGB source only
108V	Power	PWR	RW	0	1	0	1	0:Turn Off 1:Turn On
111V	Presets	PST	RW	0	7	source Specific	1	0:Presentation 1:Bright 2:Game 3:Movie 4:TV 5:sRGB 6:Blackboard 7:User
114V	Projector Firmware Ver.	FVS	R	string				HT186-495IF-DPXXX
115	Projector High Power Hours	LTO	R	0	9999			Displays the numbers of hours that the projector has run in High Power (Normal) mode over its life (including all lamps).
116V	Projector Info menu	PRI	W		1		1	Display Projector Info menu

No	Function	Command	RW	Min	Max	Default	Step	Parameter
117	Projector Low Power Hours	LTE	R	0	9999			Displays the numbers of hours that the projector has run in Low Power (Eco) mode over its life (including all lamps).
118V	Projector Model	MDL	R	string				IN8606HD
119V	Projector Resolution	NRS	R	string				1080p
121V	Projector Total Hours	LMT	R	0	9999		1	
123V	Lamp Hour Reset	LRT	RW	n/a	1	n/a	1	Reset Lamp Hour (OSD:Status)
126V	Search Screen	DSU	RW	0	4	0	1	0:Gray 1:Red 2:Black 3:Blue 4:White
130V	Sharpness	SHP	RW	0	100	50	1	
155V	System State	SYS	R	0	18	0	1	0:Standby 2:Start Up 12:Cooling 18:Error
158V	Tint	TNT	RW	0	100	50	1	
160V	Tracking	MTS	RW	-5	5	0	1	RGB source only -5~5
162V	Vert. Keystone	DKV	RW	-40	40	0	1	
164V	Vert. Position	VPS	RW	x	x	0	1	RGB source only (VPS?) to get range (VPS+) (VPS-)
167V	Volume	VOL	RW	0	30	4	1	0~30