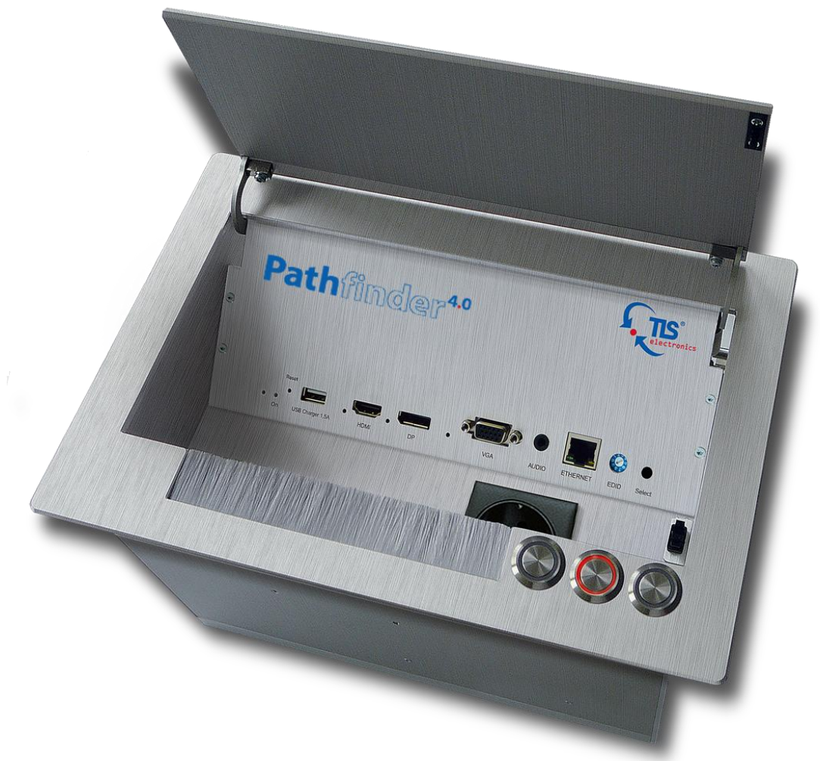

Pathfinder 4.0 MF

Programming guide

Telnet Connection

Before the process of sending the telnet command , shall make telnet connection to the corresponding device.

The form of telnet command are as follow:

telnet ip port

ip: The IP of required device

port: Port number of the device (Pathfinder fixed port number is 23)

Example: The IP of required device is 192.168.1.121,

The telnet command is ***telnet 192.168.1.121 23***

This is only an example of telnet command!

Please check telnet syntax of your controlling unit!

Please send command strings in HEX format!

About the Command Set

Take Command *SET AUTOSW_ONOFF prm [CR/LF]*as an example:

1. *[SET AUTOSW_ONOFF]* denotes command key words, case in-sensitive.
2. *[prm]* denotes parameters, case in-sensitive, incorrect parameters number will not be recognized.
3. *[CR/LF]* is needed, all commands end up with [CR/LF].

IDX	Function Description	More Details	
Normal switch case			
1	Set Auto Switch On/Off	**Syntax** **Command:** SET AUTOSW_ONOFF prm[CR/LF] **Return:** AUTOSW_ONOFF prm[CR/LF] **Description:** prm = {on, off} When the prm is on, Auto Switch mode is in active status. When the prm is off, Auto Switch mode is in inactive status.	**Example** **Command:** SET AUTOSW_ONOFF on[CR/LF] **Return:** AUTOSW_ONOFF on[CR/LF] **Description:** Set Auto Switch Mode is in active status.
2	Get Auto Switch Status	**Syntax** **Command:** GET AUTOSW_ONOFF[CR/LF] **Return:** AUTOSW_ONOFF prm[CR/LF] **Description:** prm = {on, off} Get Auto Switch mode is in active status or inactive status.	**Example** **Command:** GET AUTOSW_ONOFF[CR/LF] **Return:** AUTOSW_ONOFF on[CR/LF] **Description:** Get Auto Switch mode is in active status or inactive status. The result is in active status.
3	Switch selected input to all outputs	**Syntax** **Command:** SET SW in all[CR/LF] **Return:** SW in all [CR/LF] **Description:** SW is short for Switch in = {dp, vga ,hdmi, hdbt}; all = {all};	**Example** **Command:** SET SW hdmi all[CR/LF] **Return:** SW hdmi all[CR/LF] **Description:** Switch selected HDMI input to all outputs
4	Get the Mapping Status for Outputs and Inputs	**Syntax** **Command:** GET MP all[CR/LF] **Return:** MP in out[CR/LF] MP in out[CR/LF] **Description:** MP is short for mapping in = {dp, vga, hdmi, hdbt}; out = {hdmi, hdbt}; all = {all};	**Example** **Command:** GET MP all[CR/LF] **Return:** MP hdmi hdmi[CR/LF] MP hdmi hdbt[CR/LF] **Description:** HDMI output is mapping HDMI input HDBT output is mapping HDMI input

IDX	Function Description	More Details	
		Especially control or config	
5	Set Order	**Syntax** **Command:** SET ORDER[CR/LF] **Return:** ORDER 1[CR/LF] **Parameter:** NA **Description:** Start order.	**Example** **Command:** SET ORDER[CR/LF] **Return:** ORDER 1[CR/LF] **Description:** Start order
6	Get Order Sequence Number	**Syntax** **Command:** GET ORDER[CR/LF] **Return:** ORDER *prm*[CR/LF] **Parameter:** *prm* = sequence number **Description:** Get order sequence number	**Example** **Command:** GET ORDER[CR/LF] **Return:** ORDER *X*[CR/LF] **Description:** Get order sequence number
7	Set ShowMe Sign	**Syntax** **Command:** SET SHOWME *prm[CR/LF]* **Return:** SHOWME *prm*[CR/LF] **Parameter:** *prm* = {true, false} **Description:** Set Show Me signal.	**Example** **Command:** SET SHOWME *true*[CR/LF] **Return:** SHOWME *true*[CR/LF] **Description:** Set Show Me signal true
8	Get ShowMe Sign	**Syntax** **Command:** GET SHOWME[CR/LF] **Return:** SHOWME *prm*[CR/LF] **Parameter:** *prm* = {true, false} **Description:** Get Show Me signal	**Example** **Command:** GET SHOWME[CR/LF] **Return:** SHOWME *true*[CR/LF] **Description:** Get Show Me signal

IDX	Function Description	More Details	
		Syntax	**Example**
9	Get Ring marker	**Command:** GET RING_MARKER[CR/LF] **Return:** RING_MARKER *prm*[CR/LF] **Parameter:** *prm* = {true, false} **Description:** Get Ring Marker	**Command:** GET RING_MARKER[CR/LF] **Return:** RING_MARKER *true*[CR/LF] **Description:** Get Ring Marker
		Syntax	**Example**

10	Set Subgroup	**Command:**
		SET SUBGROUP prm1 prm2[CR/LF]
		
		Return:
		SUBGROUP prm1 prm2 [CR/LF]
		
		Description:
		prm1 = {self, all}
		//self: Current device
		//all: All the Pathfinder in link
		prm2 = {on, off}
		//on: Current device Subgroup
		//off: Current device no Subgroup
			Command:
			SET SUBGROUP self on[CR/LF]
			
			Return:
			SUBGROUP self on[CR/LF]
			
			Description:
			Set current device subgroup

		Syntax	**Example**

11	Get Subgroup	**Command:**
		GET SUBGROUP[CR/LF]
		
		Return:
		SUBGROUP prm[CR/LF]
		
		Description:
		prm = {on, off}
		//on: Current Device is Subgroup
		//off: Current device is no Subgroup
			Command:
			GET SUBGROUP[CR/LF]
			
			Return:
			SUBGROUP on[CR/LF]
			
			Description:
			Current Device is Subgroup

		Syntax	**Example**
12	Set Sort Ungrouping	**Command:** SET SORTUNGROUP *prm[CR/LF]* **Return:** SORTUNGROUP *prm*[CR/LF] **Parameter:** *prm* = {on, off} **Description:** Set Sort Ungrouping, off is by default.	**Command:** SET SORTUNGROUP *on*[CR/LF] **Return:** SORTUNGROUP on[CR/LF] **Description:** Set Sort Ungrouping

IDX	Function Description	More Details	
		Syntax	**Example**
13	Get Sort Ungrouping	**Command:** GET SORTUNGROUP prm[CR/LF] **Return:** SORTUNGROUP prm[CR/LF] **Parameter:** *prm* = {on, off} **Description:** Get Sort Ungrouping	**Command:** GET SORTUNGROUP[CR/LF] **Return:** SORTUNGROUP *on*[CR/LF] **Description:** Get Sort Ungrouping
		Syntax	**Example**
14	Set LocateMe LED	**Command:** SET LEDFLICKER *prm*[CR/LF] **Return:** LEDFLICKER *prm*[CR/LF] **Parameter:** *prm* = {on, off} **Description:** Indicates my current location.	**Command:** SET LEDFLICKER *on*[CR/LF] **Return:** LEDFLICKER *on*[CR/LF] **Description:** LocateMe
		Syntax	**Example**
15	Get LocateMe	**Command:** GET LEDFLICKER[CR/LF] **Return:** LEDFLICKER *prm*[CR/LF] **Parameter:** *prm* = {on, off} **Description:** Indicates my current location.	**Command:** GET LEDFLICKER[CR/LF] **Return:** LEDFLICKER *on*[CR/LF] **Description:** LocateMe

IDX	Function Description	More Details	
CEC Control			
16	Set CEC for Sink Power On/Off	**Syntax** **Command:** SET CECPWR_ONOFF out prm[CR/LF] **Return:** CECPWR_ONOFF out prm[CR/LF] **Description:** CECPWR_ONOFF will control sink power on or off prm = {on, off} out = {hdmi};	**Example** **Command:** SET CECPWR_ONOFF hdmi on[CR/LF] **Return:** CECPWR_ONOFF hdmi on[CR/LF] **Description:** Set CEC control for sink power on with HDMI out
17	Set CEC Auto Power On/Off	**Syntax** **Command:** SET CECAUTO_ONOFF out prm[CR/LF] **Return:** CECAUTO_ONOFF out prm[CR/LF] **Description:** prm = {on, off} out = {hdmi};	**Example** **Command:** SET CECAUTO_ONOFF hdmi on[CR/LF] **Return:** CECAUTO_ONOFF hdmi on[CR/LF] **Description:** Set CEC Auto power on with HDMI out
18	Get CEC Auto Power Status	**Syntax** **Command:** GET CECAUTO_ONOFF out[CR/LF] **Return:** CECAUTO_ONOFF out prm[CR/LF] **Description:** prm = {on, off} out = {hdmi};	**Example** **Command:** GET CECAUTO_ONOFF hdmi[CR/LF] **Return:** CECAUTO_ONOFF hdmi on[CR/LF] **Description:** Get CEC Auto power on with HDMI out
19	Set CEC Power Delay Time	**Syntax** **Command:** SET CECAUTO_DELAY out prm[CR/LF] **Return:** CECAUTO_DELAY out prm[CR/LF] **Description:** CECAUTO_DELAY is short for CEC auto Power Delay Timing out = {hdmi}; prm = {0,1,2,3…,30}// according to the actual time counter,1 means 1 minute ,2 means 2 minutes, Default wait time is 2 minutes 0 means when no active signal ,the unit auto power off immediately.	**Example** **Command:** SET CECAUTO_DELAY hdmi 3[CR/LF] **Return:** CECAUTO_DELAY hdmi 3[CR/LF] **Description:** Set CEC power delay time for 3 minutes

IDX	Function Description	More Details	
		Syntax	**Example**
20	Get CEC POWER Delay Time Status	**Command:** GET CECAUTO_DELAY out[CR/LF] **Return:** CECAUTO_DELAY out prm[CR/LF] **Description:** CECAUTO_DELAY is short for CEC auto Power Delay Timing out = {hdmi}; prm = {0,1,2,3…,30}// according to the actual time counter,1 means 1 minute ,2 means 2 minutes， Default wait time is 2 minutes 0 means when no active signal ,the unit auto power off immediately.	**Command:** GET CECAUTO_DELAY hdmi[CR/LF] **Return:** CECAUTO_DELAY hdmi 3[CR/LF] **Description:** Get CEC power delay time for HDMI is 3 minutes
		RS232 Control	
		Syntax	**Example**
21	Set UART Baud Rate	**Command:** SET UARTBAUDRATE prm[CR/LF] **Return:** UARTBAUDRATE prm[CR/LF] **Description:** prm = {9600,19200,38400,57600,115200} Set UART Baud Rate	**Command:** SET UARTBAUDRATE 9600[CR/LF] **Return:** UARTBAUDRATE 9600[CR/LF] **Description:** Set 9600 as UART BAUDRATE
		Syntax	**Example**
22	Set UART End Character	**Command:** SET UARTENDCHAR prm[CR/LF] **Return:** UARTENDCHAR prm[CR/LF] **Description:** prm = {null, cr, lf, crlf} null: empty cr: carriage return lf: line feed crlf: carriage return and line feed	**Command:** SET UARTENDCHAR cr[CR/LF] **Return:** UARTENDCHAR cr[CR/LF] **Description:** Set cr as UART End Character
		Syntax	**Example**
23	Set UART STOPBIT	**Command:** SET UARTSTOPBIT *prm* [CR/LF] **Return:** UARTSTOPBIT *prm*[CR/LF] **Parameter:** *prm* = {1, 1_5, 2} **Description:** Set UART STOPBIT	**Command:** SET UARTSTOPBIT *1*[CR/LF] **Return:** UARTSTOPBIT *1*[CR/LF] **Description:** Set UART Stop bit is 1 bit

IDX	Function Description	More Details	
		Syntax	**Example**
24	Set UART Parity bit	**Command:** SET UARTPARITY *prm*[CR/LF] **Return:** UARTPARITY *prm*[CR/LF] **Parameter:** *prm* = {n, o, e} N represents no parity O represents odd parity E represents even parity **Description:** Set UART Parity bit	**Command:** SET UARTPARITY *n*[CR/LF] **Return:** UARTPARITY *n*[CR/LF] **Description:** Set UART no parity
		Syntax	**Example**

25	Character UART Command Edit	**Command:**
		SET UARTCMD_STREDIT prm1 prm2[CR/LF]
		
		Return:
		UARTCMD_STREDIT prm1 prm2[CR/LF]
		
		Description:
		prm1 = {poweron, poweroff}// prm1 is to set Power ON or Power OFF of display device
		prm2 = {xxxx}// prm2 is the specific Power ON or Power OFF command of display device, up to 64 characters.
			Command:
			SET UARTCMD_STREDIT poweron pwr on[CR/LF]
			
			Return:
			UARTCMD_STREDIT poweron pwr on[CR/LF]
			
			Description:
			Set poweron pwr on to control the projector power

		Syntax	**Example**

26	Hex UART Command Edit	**Command:**
		SETEX UARTCMD_HEXEDIT prm1 hex1 hex2 hex3 ... [CR/LF]
		
		Return:
		UARTCMD_HEXEDIT prm1 hex1 hex2 hex3 … [CR/LF]
		
		Description:
		prm1 = { poweron, poweroff}// prm1 is to set Power ON or Power OFF of display device
		Hex1, hex2 …hex64= {xx xx xx xx}//hex1, hex2…hex64, is ASC II string of hex value. For example, string "123", convert to correct format string is“31 32 33”.
			Command:
			SETEX UARTCMD_HEXEDIT poweron 70 77 72 20 6F 6E 0D 0A[CR/LF]
			
			Return:
			UARTCMD_HEXEDIT poweron 70 77 72 20 6F 6E 0D 0A[CR/LF]
			
			Description:
			Set poweron 70 77 72 20 6F 6E 0D 0A to control the projector power.

		Syntax	**Example**

27	Set Telnet pass through	**Command:**
		SET TELNETPT prm1 prm2[CR/LF]
		
		Return:
		TELNETPT string 111222[CR/LF] OR
		TELNETPT hex 01 02 03[CR/LF]
		
		Description:
		TELNETPT = {TELNETPASSTHROUGH}
		prm1 = {string, hex}； //Format of data
		prm2 = {xx}; //Content of Data
		Hex: hexadecimal
			Command:
			SET TELNETPT string 111222[CR/LF]
			SET TELNETPT hex 01 02 03[CR/LF]
			Return:
			TELNETPT string 111222[CR/LF] OR
			TELNETPT hex 01 02 03[CR/LF]
			
			Description:
			Set Telnet pass through.

IDX	Function Description	More Details	
		Syntax	**Example**
28	Set UART Power On/Off	**Command:** SET UARTPWR_ONOFF out prm[CR/LF] **Return:** UARTPWR_ONOFF out prm[CR/LF] **Description:** UARTPWR_ONOFF will control sink is power on or off prm = {on, off} out = {hdmi}; **Note:** Before sending conmmand" SET UARTPWR_ONOFF", shall configure the projector as following:(Shown as IDX 13, 14, 15, 16) 1. Baud Rate; (SET UARTBAUDRATE) 2. API end character; (SET UARTENDCHAR) 3. Set projector API; (SET UARTCMD_STREDIT or SETEX UARTCMD_HEXEDIT)	**Command:** SET UARTPWR_ONOFF hdmi on[CR/LF] **Return:** UARTPWR_ONOFF hdmi on[CR/LF] **Description:** Set UART to control the projector power, the projector is power on
		Syntax	**Example**
29	Set UART Auto Power On/Off	**Command:** SET UARTAUTO_ONOFF out prm[CR/LF] **Return:** UARTAUTO_ONOFF out prm[CR/LF] **Description:** prm = {on, off} out = {hdmi};	**Command:** SET UARTAUTO_ONOFF hdmi on[CR/LF] **Return:** UARTAUTO_ONOFF hdmi on[CR/LF] **Description:** Set UART to control projector auto power on
		Syntax	**Example**
30	Get UART Auto Power Status	**Command:** GET UARTAUTO_ONOFF out[CR/LF] **Return:** UARTAUTO_ONOFF out prm[CR/LF] **Description:** prm = {on, off} out = {hdmi};	**Command:** GET UARTAUTO_ONOFF hdmi[CR/LF] **Return:** UARTAUTO_ONOFF hdmi on[CR/LF] **Description:** The projector is power on

IDX	Function Description	More Details	
		Syntax	**Example**
31	Set UART Power Delay Time	**Command:** SET UARTPWR_DELAY out prm[CR/LF] **Return:** UARTPWR_DELAY out prm[CR/LF] **Description:** UARTPWR_DELAY is short for UART Power Delay Timing out = {hdmi}; prm = {0,1,2,3…,30 }// according to the actual time counter,1 means 1 minute ,2 means 2 minutes, Default wait time is 2 minutes 0 means when no active signal ,the unit auto power off immediately.	**Command:** SET UARTPWR_DELAY hdmi 2[CR/LF] **Return:** UARTPWR_DELAY hdmi 2[CR/LF] **Description:** Set HDMI out UART power delay time 2 minutes
		Syntax	**Example**
32	Get display POWER Delay Time Status	**Command:** GET UARTPWR_DELAY out[CR/LF] **Return:** UARTPWR_DELAY out prm[CR/LF] **Description:** UARTPWR_DELAY is short for UART Power Delay Timing out = {hdmi}; prm = {0,1,2,3…}// according to the actual time counter,1 means 1 minute ,2 means 2 minutes， Default wait time is 2 minutes 0 means when no active signal ,the unit auto power off immediately.	**Command:** GET UARTPWR_DELAY hdmi[CR/LF] **Return:** UARTPWR_DELAY hdmi 3[CR/LF] **Description:** HDMI out UART power delay time is 3 minutes
		HDCP	
		Syntax	**Example**
33	Get Input HDCP status	**Command:** GET HDCP_IN in[CR/LF] **Return:** HDCP_IN in prm[CR/LF] **Description:** in= {dp, vga, hdmi, hdbt} prm = {hdcp1.4，hdcp2.2，off}// off means Non-HDCP	**Command:** GET HDCP_IN hdmi[CR/LF] **Return:** HDCP_IN hdmi hdcp1.4[CR/LF] **Description:** HDMI input supports HDCP 1.4
		Syntax	**Example**
34	Set Inputs support HDCP or not	**Command:** SET HDCPSUPPORT_ONOFF in prm[CR/LF] **Return:** HDCPSUPPORT_ONOFF in prm[CR/LF] **Description:** HDCPSUPPORT_ONOFF will control source hdcp support on or off prm = {on, off} in = { hdmi}	**Command:** SET HDCPSUPPORT_ONOFF hdmi on[CR/LF] **Return:** HDCPSUPPORT_ONOFF hdmi on[CR/LF] **Description:** Set HDMI input support HDCP

IDX	Function Description	More Details	
		Syntax	**Example**
35	Get Input HDCP Support Status	**Command:** GET HDCPSUPPORT_ONOFF in[CR/LF] **Return:** HDCPSUPPORT_ONOFF in prm[CR/LF] **Description:** HDCPSUPPORT_ONOFF is short for HDCP support prm = {on, off} in = { hdmi}	**Command:** GET HDCPSUPPORT_ONOFF hdmi[CR/LF] **Return:** HDCPSUPPORT_ONOFF hdmi on[CR/LF] **Description:** HDMI input supports HDCP
		EDID	
		Syntax	**Example**
36	Set All Input EDID	**Command:** SET EDID ALL *prm1*[CR/LF] **Return:** EDID ALL prm1[CR/LF] **Parameter:** prm1 = {10, 11 …18} **Description:** prm1: 0->//HDMI/DP/HDBT: 3840x2160@30Hz, 2CH VGA:1920x1200@60Hz, 1->//HDMI/DP/HDBT: 1920x1200@60Hz, 2CH VGA:1920x1200@60Hz, 2->//HDMI/DP/HDBT: 1920x1080@60Hz, 2CH VGA:1920x1080@60Hz, 3->//HDMI/DP/HDBT: 1680x1050@60Hz, 2CH VGA:1680x1050@60Hz, 4->//HDMI/DP/HDBT: 1600x900@60Hz, 2CH VGA:1600x900@60Hz, 5->//HDMI/DP/HDBT: 1440x900@60Hz, 2CH VGA:1440x900@60Hz, 6->//HDMI/DP/HDBT: 1366x768@60Hz, 2CH VGA:1366x768@60Hz, 7->//HDMI/DP/HDBT: 1280x800@60Hz, 2CH VGA:1280x800@60Hz, 8->//HDMI/DP/HDBT: 1024x768@60Hz, 2CH VGA:1024x768@60Hz, 9->//HDMI/DP/HDBT: Manual By Web_2CH VGA: Manual By Web 10->//HDMI/DP/HDBT: 3840x2160@60Hz, 2CH VGA:1920x1200@60Hz, 11->//HDMI/DP/HDBT: 1920x1200@60Hz, 2CH VGA:1920x1200@60Hz, 12->//HDMI/DP/HDBT: 1920x1080@60Hz, 2CH VGA:1920x1080@60Hz, 13->//HDMI/DP/HDBT: 1680x1050@60Hz, 2CH VGA:1680x1050@60Hz, 14->//HDMI/DP/HDBT: 1600x900@60Hz, 2CH VGA:1600x900@60Hz, 15->//HDMI/DP/HDBT: 1440x900@60Hz, 2CH VGA:1440x900@60Hz, 16->//HDMI/DP/HDBT: 1366x768@60Hz, 2CH VGA:1366x768@60Hz, 17->//HDMI/DP/HDBT: 1280x800@60Hz, 2CH VGA:1280x800@60Hz, 18->//HDMI/DP/HDBT: 1024x768@60Hz, 2CH VGA:1024x768@60Hz,	**Command:** SET EDID ALL 0[CR/LF] **Return:** EDID ALL 0[CR/LF] **Description:** Set the input EDID, switch to position 9 to take effect.

IDX	Function Description	More Details	
		Syntax	Example
37	Get All Input EDID status	**Command:** GET EDID ALL[CR/LF] **Return:** EDID ALL prm1[CR/LF] **Parameter:** prm = {1,2 …18} **Description:** prm1: 0->//HDMI/DP/HDBT: 3840x2160@30Hz, 2CH VGA:1920x1200@60Hz, 1->//HDMI/DP/HDBT: 1920x1200@60Hz, 2CH VGA:1920x1200@60Hz, 2->//HDMI/DP/HDBT: 1920x1080@60Hz, 2CH VGA:1920x1080@60Hz, 3->//HDMI/DP/HDBT: 1680x1050@60Hz, 2CH VGA:1680x1050@60Hz, 4->//HDMI/DP/HDBT: 1600x900@60Hz, 2CH VGA:1600x900@60Hz, 5->//HDMI/DP/HDBT: 1440x900@60Hz, 2CH VGA:1440x900@60Hz, 6->//HDMI/DP/HDBT: 1366x768@60Hz, 2CH VGA:1366x768@60Hz, 7->//HDMI/DP/HDBT: 1280x800@60Hz, 2CH VGA:1280x800@60Hz, 8->//HDMI/DP/HDBT: 1024x768@60Hz, 2CH VGA:1024x768@60Hz, 9->//HDMI/DP/HDBT: Manual By Web_2CH VGA: Manual By Web 10->//HDMI/DP/HDBT: 3840x2160@60Hz, 2CH VGA:1920x1200@60Hz, 11->//HDMI/DP/HDBT: 1920x1200@60Hz, 2CH VGA:1920x1200@60Hz, 12->//HDMI/DP/HDBT: 1920x1080@60Hz, 2CH VGA:1920x1080@60Hz, 13->//HDMI/DP/HDBT: 1680x1050@60Hz, 2CH VGA:1680x1050@60Hz, 14->//HDMI/DP/HDBT: 1600x900@60Hz, 2CH VGA:1600x900@60Hz, 15->//HDMI/DP/HDBT: 1440x900@60Hz, 2CH VGA:1440x900@60Hz, 16->//HDMI/DP/HDBT: 1366x768@60Hz, 2CH VGA:1366x768@60Hz, 17->//HDMI/DP/HDBT: 1280x800@60Hz, 2CH VGA:1280x800@60Hz, 18->//HDMI/DP/HDBT: 1024x768@60Hz, 2CH VGA:1024x768@60Hz,	**Command:** GET EDID ALL[CR/LF] **Return:** GET EDID ALL 0[CR/LF] **Description:** Return the current EDID status.
System Info			
		Syntax	Example
38	Factory Reset	**Command:** RESET[CR/LF] **Return:** RESET[CR/LF] **Description:** Factory Reset	**Command:** RESET[CR/LF] **Return:** RESET[CR/LF] **Description:** Factory Reset

IDX	Function Description	More Details	
		Syntax	**Example**
39	System Reboot	**Command:** REBOOT[CR/LF] **Return:** REBOOT[CR/LF] **Description:** System Reboot	**Command:** REBOOT[CR/LF] **Return:** REBOOT[CR/LF] **Description:** System Reboot
		Syntax	**Example**
40	Get selected target firmware version	**Command:** GET VER[CR/LF] **Return:** VER *target prm*[CR/LF] **Parameter:** *target*={MCU...} *prm* = {…}// according to actual firmware version **Description:** Get selected target firmware version	**Command:** GET VER[CR/LF] **Return:** VER MCU 1.0[CR/LF] **Description:** Get all module firmware version
LAN Module			
		Syntax	**Example**
41	Set Static IP Address	**Command:** SET IPADDRESS STATIC ip4addr xx.xx.xx.xx netmask xx.xx.xx.xx gateway xx.xx.xx.xx[CR/LF] **Return:** IPADDRESS STATIC ip4addr xx.xx.xx.xx netmask xx.xx.xx.xx gateway xx.xx.xx.xx[CR/LF] **Description:** Set Static IP Address	**Command:** SET IPADDRESS STATIC ip4addr 192.168.11.243 netmask 255.255.255.0 gateway 192.168.2.1[CR/LF] **Return:** IPADDRESS STATIC ip4addr 192.168.11.243 netmask 255.255.255.0 gateway 192.168.2.1[CR/LF] **Description:** Set static IP address 192.168.11.243; netmask 255.255.255.0; gateway 192.168.2.1
		Syntax	**Example**
42	Set DHCP (Dynamic Host Configuration Protocol) IP Address	**Command:** SET IPADDRESS dhcp[CR/LF] **Return:** IPADDRESS dhcp[CR/LF] **Description:** Set DHCP IP Address	**Command:** SET IPADDRESS dhcp[CR/LF] **Return:** IPADDRESS dhcp[CR/LF] **Description:** Set DHCP IP address

IDX	Function Description	More Details	
		Syntax	Example
43	GET IP Address	**Command:** GET IPADDRESS[CR/LF] **Return:** IPADDRESS dhcp[CR/LF] OR IPADDRESS STATIC ip4addr xx.xx.xx.xx netmask xx.xx.xx.xx gateway xx.xx.xx.xx [CR/LF] **Description:** GET IP Address	**Command:** GET IPADDRESS[CR/LF] **Return:** IPADDRESS dhcp[CR/LF] **Description:** Get DHCP

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