



DV-T6SS4K-41A
4x1 Scaler Switcher
4K 60Hz HDMI 2.0
User Manual
V1.0



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43409 LIT1809

Feature List

- 4 x HDMI video inputs:
- HDMI inputs support up to 4Kx2K@60Hz
- Supports multiple HDMI output resolutions, such as 4Kx2K@60Hz, 4Kx2K@30Hz and 1080P.
- Independent automatic or fixed scaler setting per input.
- HDCP 2.2 & 1.4 compliant.
- Provides HDMI audio extraction, via 3.5mm jack.
- Audio embedding via front panel 3.5mm input jack.
- User-friendly web GUI operation and setup.
- Simple Front Panel direct input select controls.
- Three control modes; Manual, Auto Last Connect and Auto Input Scan.
- Remote Control by switch with lamp feedback, LAN (Web GUI and TCP), or RS232
- Supports CEC, Serial Display control and Custom Screen Saver images and videos.
- Compact enclosure, 1U height, rack mountable design

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Version log:

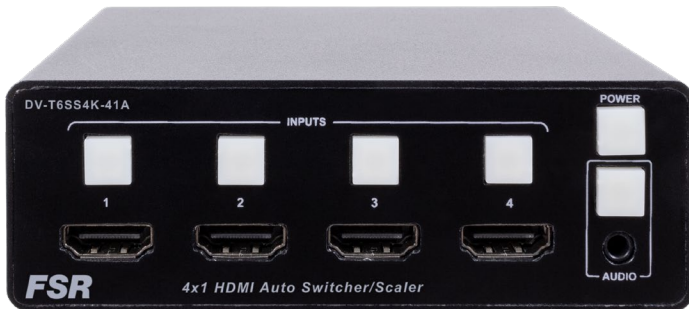
Version	Revise time	Description
0.1	2018, Mar. 28 th	Created
0.2	2018, Jun. 1st	Updated the Web GUI

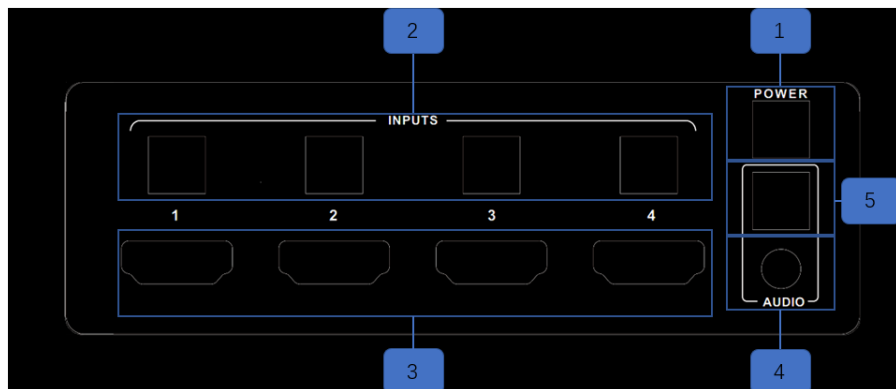
1.0	2019, July, 3rd	Updated product design pictures
1.1	2020, June, 8 th	Updated product rear panel design
1.2	2020, June, 11 th	Updated command list

Getting Started

Panel Layout

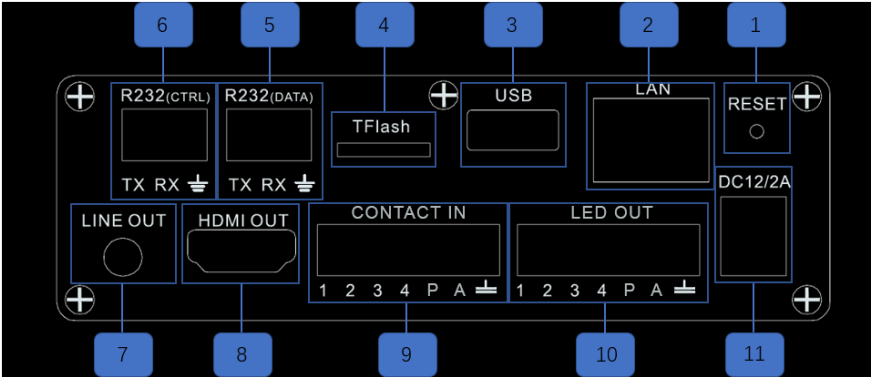
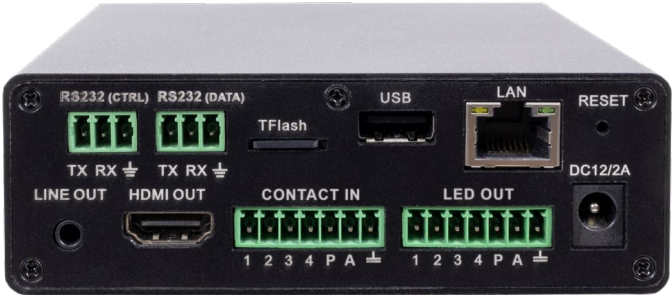
Front Panel





ID	Name	Description
1	Display On/Off	Turns the output on and off, sends out CEC and Serial display control commands if setup in the GUI.
2	Input Buttons and Indicator	Input select buttons used to select inputs 1~4. The indicators display the selected video audio input.
3	HDMI input 1~4	HDMI video input connectors support four 4K 60Hz sources.
4	Line in	Stereo analog audio input, Connect a 3.5mm mini-stereo cable from the Line Out jack on the audio source device to this jack.
5	Audio Buttons and Indicator	Audio mode selection. The button and indicator allows the user to replace the output HDMI audio with the analog audio connected to the front 3.5mm jack.

Rear Panel



ID	Name	Description
1	Reset	Restores the unit to the factory default setting.
2	LAN	Connect an Ethernet cable between this jack and a LAN to use the web GUI or IP control. Refer to RS-232 and IP Configuration for more information on setting up IP control.
3	USB	USB port for upgrading or charging.
4	T-Flash	T-Flash port for standby player.
5	RS232 (Data)	Connect an RS232 cable from this port to an RS232-compliant device to automatically control the device when the switcher turns on or off. See RS232 and IP Configuration for information on setting up RS232 control.
6	RS232 (Ctrl)	Connect an RS232 cable from this port to a third-party control system to control the scaler switcher. See

		RS232 and IP Configuration for more information on setting up RS232 control.
7	Line Out	Analog stereo audio output, Connect a 3.5mm mini-stereo cable from this jack to the line-in jack of a multimedia system.
8	HDMI output	Connect an HDMI cable from this port to an HDMI display.
9	Key - Input	Contact closer Input mirrors the front button functions.
10	LED - Output	LED Drive Voltage mirrors the front button LEDs.
11	DC Power Connector	Connect the original AC-DC power adapter to this receptacle. Connect the included AC power cord to the original power adapter, then connect the plug to an available electrical outlet.

Power Cord and Adapter



The DV-T6SS4K-41A multi-format presentation scaling switcher adopts international standard 12V AC-DC power adopter.

Voltage: 12V, Max Current: 4A.

Attention: A variety of different country specific plug adaptors are included with the standard package.

Installation

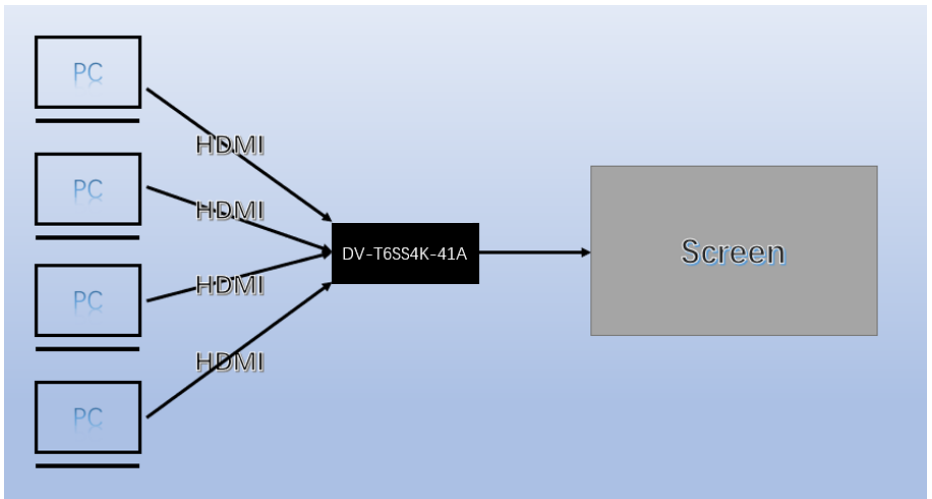
How to Connect the DV-T6SS4K-41A Multi-Format Presentation Scaler Switcher

1. Connect four 4K or HD HDMI sources to the input ports (**HDMI 1 - HDMI 4**) on the DV-T6SS4K-41A.
2. Connect a 4K or HD display to the **HDMI Output** port on the DV-T6SS4K-41A.
3. OPTIONAL: Connect analog audio to the audio line-in port on the DV-T6SS4K-41A.
4. OPTIONAL: Connect an RS-232 cable from the **RS-232 (Ctrl)** port on the DV-T6SS4K-41A to the RS-232 connector on the serial controller.
5. OPTIONAL: Connect one 3.5mm **mini-stereo** cables from the jacks on the DV-T6SS4K-41A to the line in jack of a multimedia system.
6. OPTIONAL: Connect an RS-232 cable from the **RS-232 (Data)** port on the DV-T6SS4K-41A to the RS-232 connector on the device, which is to be controlled by the DV-T6SS4K-41A.
7. OPTIONAL: Connect an ethernet cable from the **LAN** port on the DV-T6SS4K-

41A to a Local Area Network (LAN).

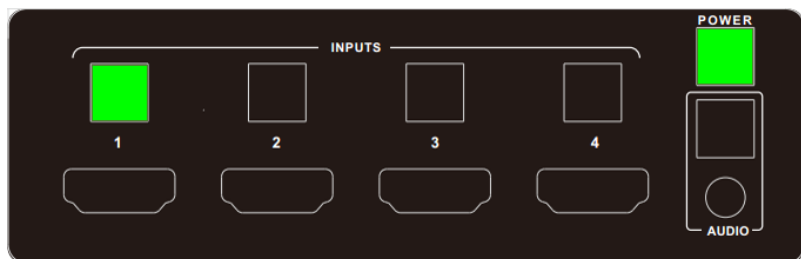
8. Connect the AC power cord to the AC-DC **adapter** and connect the plug to an available electrical outlet.

Wiring Diagram

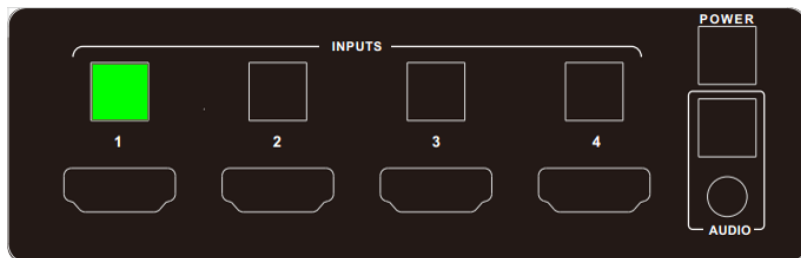


The “**Power**” **button** on the front panel, turns the DV-T6SS4K-41A output on and off and optionally will send an HDMI CEC turn-on or turn-off command or serial command to the display.

The indicator will turn green when the DV-T6SS4K-41A output turns on and optionally sends a HDMI CEC turn-on command to the display; this is shown as follows.

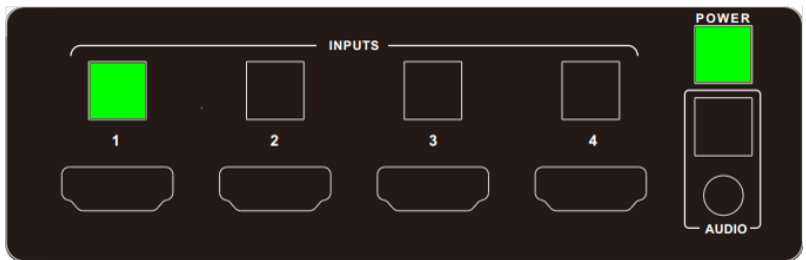


This indicator will turn off when the DV-T6SS4K-41A output is shut off and optionally sends an HDMI CEC turn-off command to the screen; this is shown as follows.



Video Source Selection Switch

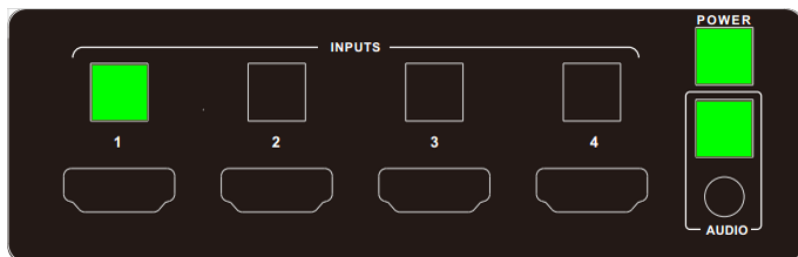
- 1) Use the INPUT buttons on the front panel or web GUI to switch between input source devices.
- 2) HDMI 1 selected for output; this is shown as follows.



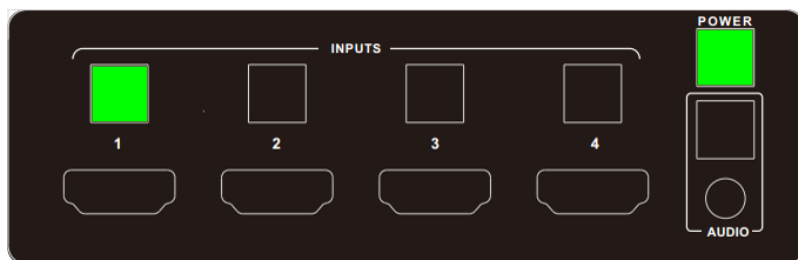
Audio Selection Mode Switch

- 1) Use AUDIO button on the front panel or web GUI to replace HDMI output audio with Analog source.

- 2) Analog audio-in mode enabled, this is shown as follows.



- 3) Embedded HDMI mode, this is shown as follows.



Output Resolution

HDMI output resolutions support multiple modes. Use the Web GUI to configure via the drop-down menu.

- 1) Auto

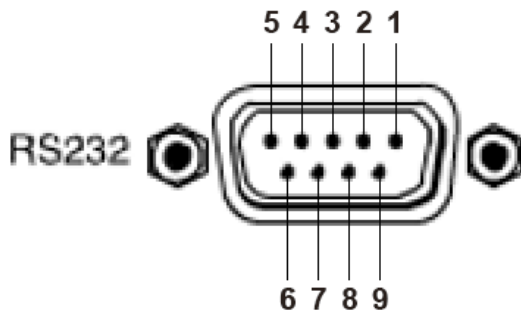
- 2) 3840x2160@60Hz
- 3) 3840x2160@50Hz
- 4) 3840x2160@30Hz
- 5) 1920x1200@60Hz
- 6) 1920x1080@60Hz
- 7) 1920x1080@50Hz
- 8) 1280x720@60Hz
- 9) 1280x720@50Hz
- 10) 1680x1050@60Hz
- 11) 1600x1200@60Hz
- 12) 1600x900@60Hz
- 13) 1400x1050@60Hz
- 14) 1400x900@60Hz
- 15) 1366x768@60Hz
- 16) 1360x768@60Hz
- 17) 1280x1024@60H
- 18) 1280x800@60Hz
- 19) 1280x768@60Hz
- 20) 1024x768@60Hz
- 21) 800x600@60Hz

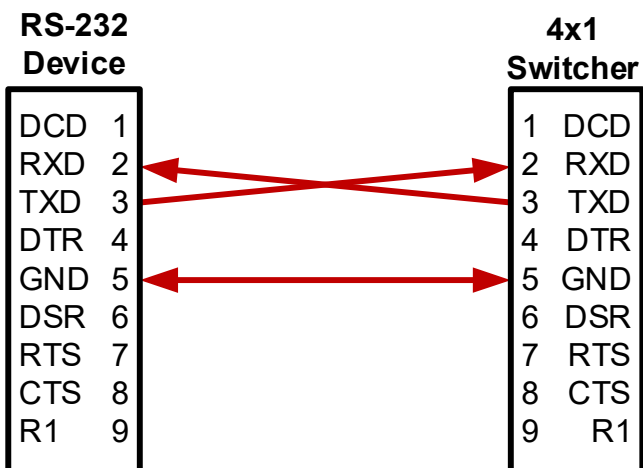
Auto means that it outputs the HDMI resolutions based on the EDID information read from the display device.

Advanced Settings

RS232 Setting

RS-232 port:





Connect to RXD, TXD, GND only

RS232 Settings:

Description	Setting
Baud rate	115200
Data bits	8
Parity	None
Stop bits	1
Hardware flow control	None

Notes: For more information about serial command, see the command list chapter.

IP Setting

The DV-T6SS4K-41A supports web control and TCP control. There are two methods to obtain the IP address:

1. Obtain the IP address and port number via the information from the on-screen display (OSD).
2. Send an RS232 command to obtain the IP address, for example, send RS232 commands like “#NET-CONFIG-ALL?” or “#NET-CONFIG-IP?”

The following explains the 1st method:

Obtain the IP address and port number via the information from the OSD (on-screen display).

IP address and port number can always be obtained from OSD. When there is no signal, the following OSD is shown on the bottom of the screen:



Or when the picture is displayed, the IP information is displayed on the bottom area above the window.



The IP address is 192.168.1.150 and the port number is 23.

Command List

The DV-T6SS4K-41A can be controlled or operated through the commands from RS232 or TCP.

Command head: #

Length: <=255

Ending: 0x0D

Band rate: default 115200, all commands are added to the end of the "<CR>" (hex is 0x0D)					
Commands	Type	Command Sample	Description	Response Sample	Remark
General					
Control					
#HANDSHAKE	get	#HANDSHAKE<CR>	protocol handshaking	<SUCCESS>	
#FACTORY	set	#FACTORY<CR>	reset to factory default configuration	<FACTORY SUCCESS>	
#FW-VERSION	get	#FW-VERSION?<CR>	get device firmware version	<FW-VERSION 0.01.001>	

#INPUT-SEL	get	#INPUT-SEL? <CR>	get current input port which was selected	<INPUT-SEL 1> input 1 was selected <INPUT-SEL 2> input 2 was selected <INPUT-SEL 3> input 3 was selected <INPUT-SEL 4> input 4 was selected <INPUT-SEL 5> input 5 was selected	
	set	#INPUT-SEL 1<CR>	select input port to input 1	<INPUT-SEL 1>	
		#INPUT-SEL 2<CR>	select input port to input 2	<INPUT-SEL 2>	
		#INPUT-SEL 3<CR>	select input port to input 3	<INPUT-SEL 3>	
		#INPUT-SEL 4<CR>	select input port to input 4	<INPUT-SEL 4>	
		#INPUT-SEL 5<CR>	select input port to input 5	<INPUT-SEL 5>	

#VID-MUTE	get	#VID-MUTE? <CR>	get video mute status on output	<VID-MUTE 0>	
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				video on output is disable <VID-MUTE 1> video on output is enable <VID-MUTE 2> output video is force set to black video	
	set	#VID-MUTE 0<CR>	disable video on output	<VID-MUTE 0>	
		#VID-MUTE 1<CR>	enable video on output	<VID-MUTE 1>	
		#VID-MUTE 2<CR>	black video force set on output	<VID-MUTE 2>	

#AUD-VOL	get	#AUD-VOL ? <CR>	get volume level on output	<AUD-VOL 90> current volume level is 90	
	Set	#AUD-VOL x<CR> #AUD-VOL 50<CR>	set volume level on output x: volume level (0~100)	<AUD-VOL 50> volume level is set to 50	

#AUD-MUTE	get	#AUD-MUTE? <CR>	get audio mute status	<AUD-MUTE 1> HDMI output audio is disable <AUD-MUTE 0> HDMI output audio is enables	
	set	#AUD-MUTE 0<CR>	set HDMI output audio on(audio output)	<AUD-MUTE 0>	
		#AUD-MUTE 1<CR>	set HDMI output audio off(no audio output)	<AUD-MUTE 1>	

#AUD-PRI- MOD	get	#AUD-PRI-MOD? <CR>	get current audio mode	<AUD-PRI-MOD 0> audio mode is auto <AUD-PRI-MOD 1> audio mode is embedded hdmi <AUD-PRI-MOD 2> audio mode is analog audio	
	set	#AUD-PRI-MOD 0<CR>	set audio mode on	<AUD-PRI-MOD 0>	

			auto(hdmi->analog)		
		#AUD-PRI-MOD 1<CR>	set audio mode on embedded hdmi	<AUD-PRI-MOD 1>	
		#AUD-PRI-MOD 2<CR>	set audio mode on analog audio	<AUD-PRI-MOD 2>	

#INPUT-SIGNAL	get	#INPUT-SIGNAL? 1<CR>	check signal lock or not of input 1	<INPUT-SIGNAL 1,0> signal locked of input 1 <INPUT-SIGNAL 1,1> signal no lock of input 1	a response will be sent after every change, input signal status from Lock status to unlock status or vice versa
		#INPUT-SIGNAL? 2<CR>	check signal lock or not of input 2	<INPUT-SIGNAL 2,0> signal locked of input 2 <INPUT-SIGNAL 2,1> signal no lock of input 2	

		#INPUT-SIGNAL? 3<CR>	check signal lock or not of input 3	<INPUT-SIGNAL 3,0> signal locked of input 3 <INPUT-SIGNAL 3,1> signal no lock of input 3	
		#INPUT-SIGNAL? 4<CR>	check signal lock or not of input 4	<INPUT-SIGNAL 4,0> signal locked of input 4 <INPUT-SIGNAL 4,1> signal no lock of input 4	

#OUTPUT- HPD-STAT	get	#OUTPUT- DISPLAY? <CR>	get output display status	<OUTPUT-DISPLAY 1> a display was connected to HDMI output <OUTPUT-DISPLAY 0> no display connects to HDMI output	
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#BOTTOM-BANNER	get	#BOTTOM-BANNER? <CR>	get current bottom banner status	<BOTTOM-BANNER 0>	0: disable 1: enable
	set	#BOTTOM-BANNER 0<CR>	set bottom banner off	<BOTTOM-BANNER 0>	
		#BOTTOM-BANNER 1<CR>	set bottom banner on	<BOTTOM-BANNER 1>	

Standby Player

On/Off Control

#STANDBY-PLAYER-FUNC	get	#STANDBY-PLAYER-FUNC? <CR>	get current standby player status	<STANDBY-PLAYER-FUNC 0>	0: disable 1: enable
	set	#STANDBY-PLAYER-FUNC 0<CR>	set current standby player off	<STANDBY-PLAYER-FUNC 0>	
		#STANDBY-PLAYER-FUNC 1<CR>	set current standby player on	<STANDBY-PLAYER-FUNC 1>	

Photo Play

Delay Time

Control

#MP-P-TIMER	get	#MP-P-TIMER? <CR>	get photo play time to next photo	<MP-P-TIMER 5>	default is 5s
	set	#MP-P-TIMER 5<CR>	set photo play time to next to 5S	<MP-P-TIMER 5>	min force set to 3s
		#MP-P-TIMER 10<CR>	set photo play time to next to 10S	<MP-P-TIMER 10>	max is 254s
		#MP-P-TIMER 100<CR>	set photo play time to next to 100S	<MP-P-TIMER 100>	

Standby Player

Mode Control

#MP-DATATYPE	get	#MP-DATATYPE? <CR>	get current auto play type	<MP-DATATYPE 2>	
	set	#MP-DATATYPE 0<CR>	set current auto play type to photo	<MP-DATATYPE 0>	
		#MP-DATATYPE 2<CR>	set current auto play type to movie	<MP-DATATYPE 2>	

CEC Control

#CEC-FUNC	get	#CEC-FUNC? <CR>	get current CEC status	<CEC-FUNC 1>	0: disable 1: enable
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	set	#CEC-FUNC 0<CR>	set current CEC off	<CEC-FUNC 0>	
		#CEC-FUNC 1<CR>	set current CEC on	<CEC-FUNC 1>	

CEC Standby

Delay Time

Control

#CEC- STANDBY- TIME	get	#CEC-STANDBY- TIME? <CR>	get CEC standby time	<CEC-STANDBY- TIME 5>	default is 30s
	set	#CEC-STANDBY- TIME 5<CR>	set CEC standby time to 5s	<CEC-STANDBY- TIME 5>	min force set to 0s
		#CEC-STANDBY- TIME 10<CR>	set CEC standby time to 10s	<CEC-STANDBY- TIME 10>	max is 254s
		#CEC-STANDBY- TIME 100<CR>	set CEC standby time to 100s	<CEC-STANDBY- TIME 100>	

Data Port

Commands

Control

#DATA-PORT- CMD	get	#DATA-PORT- CMD? <CR>	get current data port command status	<DATA-PORT-CMD 1>	0: disable 1: enable
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	set	#DATA-PORT-CMD 0<CR>	set current data port command off	<DATA-PORT-CMD 0>	
		#DATA-PORT-CMD 1<CR>	set current data port command on	<DATA-PORT-CMD 1>	

Baud rate

Control

#CTRL-BAUD-RATE	get	#CTRL-BAUD-RATE? <CR>	get current baud rate of control port	<CTRL-BAUD-RATE 115200>	
		#CTRL-BAUD-RATE? 0<CR>	get support list of baud rate of control port	<CTRL-BAUD-RATE 9600,14400,19200,28800,38400,57600,115200,230400>	
	set	#CTRL-BAUD-RATE 9600<CR>	set control serial port baud rate to 9600	<CTRL-BAUD-RATE 9600>	
		#CTRL-BAUD-RATE 14400<CR>	set control serial port baud rate to 14400	<CTRL-BAUD-RATE 14400>	
		#CTRL-BAUD-RATE 19200<CR>	set control serial port baud rate to 19200	<CTRL-BAUD-RATE 19200>	

		#CTRL-BAUD-RATE 28800<CR>	set control serial port baud rate to 28800	<CTRL-BAUD-RATE 28800>	
		#CTRL-BAUD-RATE 38400<CR>	set control serial port baud rate to 38400	<CTRL-BAUD-RATE 38400>	
		#CTRL-BAUD-RATE 57600<CR>	set control serial port baud rate to 57600	<CTRL-BAUD-RATE 57600>	
		#CTRL-BAUD-RATE 115200<CR>	set control serial port baud rate to 115200	<CTRL-BAUD-RATE 115200>	
		#CTRL-BAUD-RATE 230400<CR>	set control serial port baud rate to 230400	<CTRL-BAUD-RATE 230400>	

#DATA-BAUD-RATE	get	#DATA-BAUD-RATE? <CR>	get current baud rate of data port	<DATA-BAUD-RATE 9600>	
		#DATA-BAUD-RATE? 0<CR>	get support list of baud rate of data port	<DATA-BAUD-RATE 9600,19200,38400,57600,115200>	

	set	#DATA-BAUD-RATE 9600<CR>	set data serial port baud rate to 9600	<DATA-BAUD-RATE 9600>	
		#DATA-BAUD-RATE 19200<CR>	set data serial port baud rate to 19200	<DATA-BAUD-RATE 19200>	
		#DATA-BAUD-RATE 38400<CR>	set data serial port baud rate to 38400	<DATA-BAUD-RATE 38400>	
		#DATA-BAUD-RATE 57600<CR>	set data serial port baud rate to 57600	<DATA-BAUD-RATE 57600>	
		#DATA-BAUD-RATE 115200<CR>	set data serial port baud rate to 115200	<DATA-BAUD-RATE 115200>	

INPUT HDCP

Control

#HDCP-SUPPORT	get	#HDCP-SUPPORT? 0,1<CR>	get HDCP mode of input 1	<HDCP-SUPPORT 0,1,1> input1 HDCP is on <HDCP-SUPPORT 0,1,0> input1 HDCP is off	
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		#HDCP-SUPPORT? 0,2<CR>	get HDCP mode of input 2	<HDCP-SUPPORT 0,2,1> input2 HDCP is on <HDCP-SUPPORT 0,2,0> input2 HDCP is off	
		#HDCP-SUPPORT? 0,3<CR>	get HDCP mode of input 3	<HDCP-SUPPORT 0,3,1> input3 HDCP is on <HDCP-SUPPORT 0,3,0> input3 HDCP is off	
		#HDCP-SUPPORT? 0,4<CR>	get HDCP mode of input 4	<HDCP-SUPPORT 0,4,1> input4 HDCP is on <HDCP-SUPPORT 0,4,0> input4 HDCP is off	
	set	#HDCP-SUPPORT 0,1,1<CR> #HDCP-SUPPORT 0,1,0<CR>	set HDCP mode of input 1 to on/off	<HDCP-SUPPORT 0,1,1> set HDCP to on <HDCP-SUPPORT 0,1,0> set HDCP to off	

		#HDCP-SUPPORT 0,2,1<CR> #HDCP-SUPPORT 0,2,0<CR>	set HDCP mode of input 2 to on/off	<HDCP-SUPPORT 0,2,1> set HDCP to on <HDCP-SUPPORT 0,2,0> set HDCP to off	
		#HDCP-SUPPORT 0,3,1<CR> #HDCP-SUPPORT 0,3,0<CR>	set HDCP mode of input 3 to on/off	<HDCP-SUPPORT 0,3,1> Set HDCP to on <HDCP-SUPPORT 0,3,0> set HDCP to off	
		#HDCP-SUPPORT 0,4,1<CR> #HDCP-SUPPORT 0,4,0<CR>	set HDCP mode of input 4 to on/off	<HDCP-SUPPORT 0,4,1> set HDCP to on <HDCP-SUPPORT 0,4,0> set HDCP to off	

HDCP Encrypt

Status Check

#HDCP-STAT	get	#HDCP-STAT? 1,1<CR>	get HDCP encrypt status of output	<HDCP-STAT 1,1,1> output HDMI data encrypted with	
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				HDCP key <HDCP-STAT 1,1,0> output HDMI data no encrypted	
		#HDCP-STAT? 0,1<CR>	get HDCP encrypt status of input 1	<HDCP-STAT 1,1,1> input 1 HDMI data encrypted with HDCP key <HDCP-STAT 1,1,0> input 1 HDMI data no encrypted	
		#HDCP-STAT? 0,2<CR>	get HDCP encrypt status of input 2	<HDCP-STAT 1,1,1> input 2 HDMI data encrypted with HDCP key <HDCP-STAT 1,1,0> input 2 HDMI data no encrypted	
		#HDCP-STAT? 0,3<CR>	get HDCP encrypt status of input 3	<HDCP-STAT 1,1,1> input 3 HDMI data encrypted with HDCP key <HDCP-STAT 1,1,0>	

				input 3 HDMI data no encrypted	
		#HDCP-STAT? 0,4<CR>	get HDCP encrypt status of input 4	<HDCP-STAT 1,1,1> input 4 HDMI data encrypted with HDCP key <HDCP-STAT 1,1,0> input 4 HDMI data no encrypted	

Output

Resolution

Control

#OUTPUT-RES	get	#OUTPUT-RES? <CR>	get current output resolution number	<OUTPUT-RES 3> current output resolution is 3840x2160_30HZ	pls check: _Output_Timing_Table
	set	#OUTPUT-RES x<CR> #OUTPUT-RES 5<CR>	set output resolution x: 0~20, pls check output timing table	<OUTPUT-RES 5> output resolution set to 1920x1080_60Hz	x=0 device will set a similar resolution which is get from output HDMI EDID

**Network
Configuration
Commands**

#NET-PORT	get	#NET-PORT? TCP<CR>	get TCP port number	<NET-PORT TCP,23> current TCP port number is 23	
	set	#NET-PORT TCP x<CR> #NET-PORT TCP 23<CR>	set TCP port number x: port number (1~65535) except port 80	<NET-PORT TCP,23>	

#NET-CONFIG- ALL	get	#NET-CONFIG- ALL? <CR>	get ethernet IP, Mask, gateway	<NET-CONFIG-ALL 192.168.1.150,255.25 5.0.0,192.168.1.1>	
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#NET-CONFIG- DHCP	get	#NET-CONFIG- DHCP? <CR>	get DHCP mode	<NET-CONFIG-DHCP 0> static IP mode is enabled <NET-CONFIG-DHCP 1> HDCP mode is enabled	
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	set	#NET-CONFIG-DHCP 0<CR>	set DHCP mode off	<NET-CONFIG-DHCP 0>	
		#NET-CONFIG-DHCP 1<CR>	Set DHCP mode on	<NET-CONFIG-DHCP 1>	
#NET-CONFIG-IP	get	#NET-CONFIG-IP? <CR>	get IP address	<NET-CONFIG-IP 192.168.1.150>	
	set	#NET-CONFIG-IP xxx.xxx.xxx.xxx< CR> #NET-CONFIG-IP 192.168.003.123< CR>	set IP address x: 0~9	<NET-CONFIG-IP 192.168.003.123>	
#NET-CONFIG-MASK	get	#NET-CONFIG-MASK? <CR>	get subnet mask	<NET-CONFIG-MASK 255.255.000.000>	
	set	#NET-CONFIG-MASK xxx.xxx.xxx.xxx< CR> #NET-CONFIG-MASK 255.255.255.000< CR>	set subnet mask x: 0~9	<NET-CONFIG-MASK 255.255.255.000>	

#NET-CONFIG-GATE	get	#NET-CONFIG-GATE? <CR>	get gateway IP	<NET-CONFIG-GATE 192.168.1.1>	
	set	#NET-CONFIG-GATE xxx.xxx.xxx.xxx< CR> #NET-CONFIG-GATE 192.168.3.1<CR>	set gateway IP x: 0~9	<NET-CONFIG-GATE 192.168.3.1>	

**Copy EDID to
input 1**

#COPY-EDID	set	#COPY-EDID 1,1,0,1<CR>	copy EDID to input 1 from HDMI output	<COPY-EDID 1,1,0,1>	
------------	-----	------------------------	---	---------------------	--

#COPY-EDID	set	#COPY-EDID 2,1,0,1<CR>	copy EDID to input 1 from default EDID 1	<COPY-EDID 2,1,0,1>	default EDID 1 is VGA 1080p
		#COPY-EDID 2,2,0,1<CR>	copy EDID to input 1 from default EDID 2	<COPY-EDID 2,2,0,1>	default EDID 2 is HDMI 4k_2k_30hz

		#COPY-EDID 2,3,0,1<CR>	copy EDID to input 1 from default EDID 3	<COPY-EDID 2,3,0,1>	default EDID 3 is HDMI 4k_2k_60hz
--	--	---------------------------	--	---------------------	---

#COPY-EDID	set	#COPY-EDID 3,1,0,1<CR>	copy EDID to input 1 from customer EDID 1	<COPY-EDID 3,1,0,1>	
		#COPY-EDID 3,2,0,1<CR>	copy EDID to input 1 from customer EDID 2	<COPY-EDID 3,2,0,1>	
		#COPY-EDID 3,3,0,1<CR>	copy EDID to input 1 from customer EDID 3	<COPY-EDID 3,3,0,1>	
		#COPY-EDID 3,4,0,1<CR>	copy EDID to input 1 from customer EDID 4	<COPY-EDID 3,4,0,1>	
		#COPY-EDID 3,5,0,1<CR>	copy EDID to input 1 from customer EDID 5	<COPY-EDID 3,5,0,1>	

**Copy EDID to
input 2**

#COPY-EDID	set	#COPY-EDID 1,1,0,2<CR>	copy EDID to input 2 from HDMI output	<COPY-EDID 1,1,0,2>	
------------	-----	---------------------------	---	---------------------	--

#COPY-EDID	set	#COPY-EDID 2,1,0,2<CR>	copy EDID to input 2 from default EDID 1	<COPY-EDID 2,1,0,2>	default EDID 1 is VGA 1080p
		#COPY-EDID 2,2,0,2<CR>	copy EDID to input 2 from default EDID 2	<COPY-EDID 2,2,0,2>	default EDID 2 is HDMI 4k_2k_30hz
		#COPY-EDID 2,3,0,2<CR>	copy EDID to input 2 from default EDID 3	<COPY-EDID 2,3,0,2>	default EDID 3 is HDMI 4k_2k_60hz

#COPY-EDID	set	#COPY-EDID 3,1,0,2<CR>	copy EDID to input 2 from customer EDID 1	<COPY-EDID 3,1,0,2>	
		#COPY-EDID 3,2,0,2<CR>	copy EDID to input 2 from customer EDID 2	<COPY-EDID 3,2,0,2>	
		#COPY-EDID 3,3,0,2<CR>	copy EDID to input 2 from customer EDID 3	<COPY-EDID 3,3,0,2>	

		#COPY-EDID 3,4,0,2<CR>	copy EDID to input 2 from customer EDID 4	<COPY-EDID 3,4,0,2>	
		#COPY-EDID 3,5,0,2<CR>	copy EDID to input 2 from customer EDID 5	<COPY-EDID 3,5,0,2>	

Copy EDID to input 3

#COPY-EDID	set	#COPY-EDID 1,1,0,3<CR>	copy EDID to input 3 from HDMI output	<COPY-EDID 1,1,0,3>	
------------	-----	---------------------------	---	---------------------	--

#COPY-EDID	set	#COPY-EDID 2,1,0,3<CR>	copy EDID to input 3 from default EDID 1	<COPY-EDID 2,1,0,3>	default EDID 1 is VGA 1080p
		#COPY-EDID 2,2,0,3<CR>	copy EDID to input 3 from default EDID 2	<COPY-EDID 2,2,0,3>	default EDID 2 is HDMI 4k_2k_30hz
		#COPY-EDID 2,3,0,3<CR>	copy EDID to input 3 from default EDID 3	<COPY-EDID 2,3,0,3>	default EDID 3 is HDMI 4k_2k_60hz

#COPY-EDID	set	#COPY-EDID 3,1,0,3<CR>	copy EDID to input 3 from customer EDID 1	<COPY-EDID 3,1,0,3>	
		#COPY-EDID 3,2,0,3<CR>	copy EDID to input 3 from customer EDID 2	<COPY-EDID 3,2,0,3>	
		#COPY-EDID 3,3,0,3<CR>	copy EDID to input 3 from customer EDID 3	<COPY-EDID 3,3,0,3>	
		#COPY-EDID 3,4,0,3<CR>	copy EDID to input 3 from customer EDID 4	<COPY-EDID 3,4,0,3>	
		#COPY-EDID 3,5,0,3<CR>	copy EDID to input 3 from customer EDID 5	<COPY-EDID 3,5,0,3>	

**Copy EDID to
input 4**

#COPY-EDID	set	#COPY-EDID 1,1,0,4<CR>	copy EDID to input 4 from HDMI output	<COPY-EDID 1,1,0,4>	
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#COPY-EDID	set	#COPY-EDID 2,1,0,4<CR>	copy EDID to input 4 from default EDID 1	<COPY-EDID 2,1,0,4>	default EDID 1 is VGA 1080p
		#COPY-EDID 2,2,0,4<CR>	copy EDID to input 4 from default EDID 2	<COPY-EDID 2,2,0,4>	default EDID 2 is HDMI 4k_2k_30hz
		#COPY-EDID 2,3,0,4<CR>	copy EDID to input 4 from default EDID 3	<COPY-EDID 2,3,0,4>	default EDID 3 is HDMI 4k_2k_60hz

#COPY-EDID	set	#COPY-EDID 3,1,0,4<CR>	copy EDID to input 4 from customer EDID 1	<COPY-EDID 3,1,0,4>	
		#COPY-EDID 3,2,0,4<CR>	copy EDID to input 4 from customer EDID 2	<COPY-EDID 3,2,0,4>	
		#COPY-EDID 3,3,0,4<CR>	copy EDID to input 4 from customer EDID 3	<COPY-EDID 3,3,0,4>	
		#COPY-EDID 3,4,0,4<CR>	copy EDID to input 4 from customer EDID 4	<COPY-EDID 3,4,0,4>	

		#COPY-EDID 3,5,0,4<CR>	copy EDID to input 4 from customer EDID 5	<COPY-EDID 3,5,0,4>	
--	--	---------------------------	---	---------------------	--

**Copy EDID to
customer 1**

#COPY-EDID	set	#COPY-EDID 0,1,3,1<CR>	copy EDID to customer 1 from input EDID 1	<COPY-EDID 0,1,3,1>	
		#COPY-EDID 0,2,3,1<CR>	copy EDID to customer 1 from input EDID 2	<COPY-EDID 0,2,3,1>	
		#COPY-EDID 0,3,3,1<CR>	copy EDID to customer 1 from input EDID 3	<COPY-EDID 0,3,3,1>	
		#COPY-EDID 0,4,3,1<CR>	copy EDID to customer 1 from input EDID 4	<COPY-EDID 0,4,3,1>	
		#COPY-EDID 0,5,3,1<CR>	copy EDID to customer 1 from input EDID 5	<COPY-EDID 0,5,3,1>	

#COPY-EDID	set	#COPY-EDID 1,1,3,1<CR>	copy EDID to customer 1 from HDMI output	<COPY-EDID 1,1,3,1>	
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#COPY-EDID	set	#COPY-EDID 2,1,3,1<CR>	copy EDID to customer 1 from default EDID 1	<COPY-EDID 2,1,3,1>	default EDID 1 is VGA 1080p
		#COPY-EDID 2,2,3,1<CR>	copy EDID to customer 1 from default EDID 2	<COPY-EDID 2,2,3,1>	default EDID 2 is HDMI 4k_2k_30hz
		#COPY-EDID 2,3,3,1<CR>	copy EDID to customer 1 from default EDID 3	<COPY-EDID 2,3,3,1>	default EDID 3 is HDMI 4k_2k_60hz

**Copy EDID to
customer 2**

#COPY-EDID	set	#COPY-EDID 0,1,3,2<CR>	copy EDID to customer 2 from input EDID 1	<COPY-EDID 0,1,3,2>	
		#COPY-EDID 0,2,3,2<CR>	copy EDID to customer 2 from input EDID 2	<COPY-EDID 0,2,3,2>	

		#COPY-EDID 0,3,3,2<CR>	copy EDID to customer 2 from input EDID 3	<COPY-EDID 0,3,3,2>	
		#COPY-EDID 0,4,3,2<CR>	copy EDID to customer 2 from input EDID 4	<COPY-EDID 0,4,3,2>	
		#COPY-EDID 0,5,3,2<CR>	copy EDID to customer 2 from input EDID 5	<COPY-EDID 0,5,3,2>	

#COPY-EDID	set	#COPY-EDID 1,1,3,2<CR>	copy EDID to customer 2 from HDMI output	<COPY-EDID 1,1,3,2>	
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#COPY-EDID	set	#COPY-EDID 2,1,3,2<CR>	copy EDID to customer 2 from default EDID 1	<COPY-EDID 2,1,3,2>	default EDID 1 is VGA 1080p
		#COPY-EDID 2,2,3,2<CR>	copy EDID to customer 2 from default EDID 2	<COPY-EDID 2,2,3,2>	default EDID 2 is HDMI 4k_2k_30hz
		#COPY-EDID 2,3,3,2<CR>	copy EDID to customer 2 from default EDID 3	<COPY-EDID 2,3,3,2>	default EDID 3 is HDMI 4k_2k_60hz

**Copy EDID to
customer 3**

#COPY-EDID	set	#COPY-EDID 0,1,3,3<CR>	copy EDID to customer 3 from input EDID 1	<COPY-EDID 0,1,3,3>	
		#COPY-EDID 0,2,3,3<CR>	copy EDID to customer 3 from input EDID 2	<COPY-EDID 0,2,3,3>	
		#COPY-EDID 0,3,3,3<CR>	copy EDID to customer 3 from input EDID 3	<COPY-EDID 0,3,3,3>	
		#COPY-EDID 0,4,3,3<CR>	copy EDID to customer 3 from input EDID 4	<COPY-EDID 0,4,3,3>	
		#COPY-EDID 0,5,3,3<CR>	copy EDID to customer 3 from input EDID 5	<COPY-EDID 0,5,3,3>	

#COPY-EDID	set	#COPY-EDID 1,1,3,3<CR>	copy EDID to customer 3 from HDMI output	<COPY-EDID 1,1,3,3>	
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#COPY-EDID	set	#COPY-EDID 2,1,3,3<CR>	copy EDID to customer 3 from default EDID 1	<COPY-EDID 2,1,3,3>	default EDID 1 is VGA 1080p
		#COPY-EDID 2,2,3,3<CR>	copy EDID to customer 3 from default EDID 2	<COPY-EDID 2,2,3,3>	default EDID 2 is HDMI 4k_2k_30hz
		#COPY-EDID 2,3,3,3<CR>	copy EDID to customer 3 from default EDID 3	<COPY-EDID 2,3,3,3>	default EDID 3 is HDMI 4k_2k_60hz

**Copy EDID to
customer 4**

#COPY-EDID	set	#COPY-EDID 0,1,3,4<CR>	copy EDID to customer 4 from input EDID 1	<COPY-EDID 0,1,3,4>	
		#COPY-EDID 0,2,3,4<CR>	copy EDID to customer 4 from input EDID 2	<COPY-EDID 0,2,3,4>	
		#COPY-EDID 0,3,3,4<CR>	copy EDID to customer 4 from input EDID 3	<COPY-EDID 0,3,3,4>	

		#COPY-EDID 0,4,3,4<CR>	copy EDID to customer 4 from input EDID 4	<COPY-EDID 0,4,3,4>	
		#COPY-EDID 0,5,3,4<CR>	copy EDID to customer 4 from input EDID 5	<COPY-EDID 0,5,3,4>	

#COPY-EDID	set	#COPY-EDID 1,1,3,4<CR>	copy EDID to customer 4 from HDMI output	<COPY-EDID 1,1,3,4>	
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#COPY-EDID	set	#COPY-EDID 2,1,3,4<CR>	copy EDID to customer 4 from default EDID 1	<COPY-EDID 2,1,3,4>	default EDID 1 is VGA 1080p
		#COPY-EDID 2,2,3,4<CR>	copy EDID to customer 4 from default EDID 2	<COPY-EDID 2,2,3,4>	default EDID 2 is HDMI 4k_2k_30hz
		#COPY-EDID 2,3,3,4<CR>	copy EDID to customer 4 from default EDID 3	<COPY-EDID 2,3,3,4>	default EDID 3 is HDMI 4k_2k_60hz

**Copy EDID to
customer 5**

#COPY-EDID	set	#COPY-EDID 0,1,3,5<CR>	copy EDID to customer 5 from input EDID 1	<COPY-EDID 0,1,3,5>	
		#COPY-EDID 0,2,3,5<CR>	copy EDID to customer 5 from input EDID 2	<COPY-EDID 0,2,3,5>	
		#COPY-EDID 0,3,3,5<CR>	copy EDID to customer 5 from input EDID 3	<COPY-EDID 0,3,3,5>	
		#COPY-EDID 0,4,3,5<CR>	copy EDID to customer 5 from input EDID 4	<COPY-EDID 0,4,3,5>	
		#COPY-EDID 0,5,3,5<CR>	copy EDID to customer 5 from input EDID 5	<COPY-EDID 0,5,3,5>	

#COPY-EDID	set	#COPY-EDID 1,1,3,5<CR>	copy EDID to customer 5 from HDMI output	<COPY-EDID 1,1,3,5>	
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#COPY-EDID	set	#COPY-EDID 2,1,3,5<CR>	copy EDID to customer 5 from default EDID 1	<COPY-EDID 2,1,3,5>	default EDID 1 is VGA 1080p
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		#COPY-EDID 2,2,3,5<CR>	copy EDID to customer 5 from default EDID 2	<COPY-EDID 2,2,3,5>	default EDID 2 is HDMI 4k_2k_30hz
		#COPY-EDID 2,3,3,5<CR>	copy EDID to customer 5 from default EDID 3	<COPY-EDID 2,3,3,5>	default EDID 3 is HDMI 4k_2k_60hz

Upload EDID				
		only WEB GUI support upload EDID to input1~4 or customer1~5		

WEB GUI Setting and Control

The DV-T6SS4K-41A can be controlled via web browser, which contains

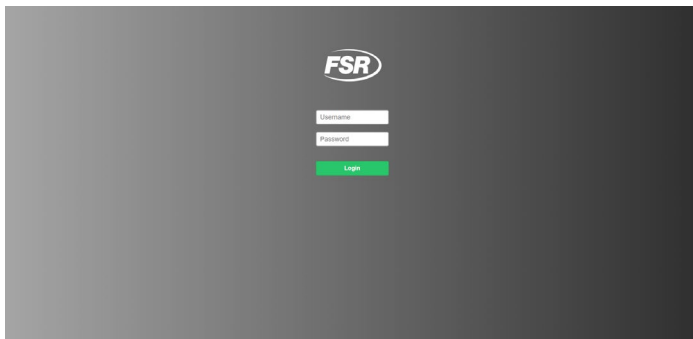
- General
- Advanced
- EDID
- Standby Player
- External Control
- Update

After the cables are connected, the IP address is obtained and the IP address is entered in the web browser, the DV-T6SS4K-41A can now be controlled. For more information about how to obtain the IP address, see the chapter IP Setting above.

For example, the obtained IP address is 192.168.001.150 and port number is 23.

Enter **http://192.168.1.150** into the address bar of the web browser.

The main interface of web page is as shown below.



On this login page, please enter the default **factory, default user account and password (shown below) to access.**

User Account: **Admin**

Password: **Admin**

(Attention: case sensitive)

Admin

.....

Login

General Settings

Contains the following options.

- 1. Video
- 2. Audio
- 3. Other

FSR

DV-T6SS4K-41A

HDMI2.0 Video Scaler/Switcher

General

Advanced

EDID

Standby Player

External Control

Update

Video

Video Input Selection

HDMI 1

HDMI 2

HDMI 3

HDMI 4

Video Output Resolution

T_Auto

Set

Video Selection Mode

Auto: Last Connect

Set

Notes:


•Last-connect switch: Auto-switch to the last-connected input, or go back to the previous one if last-connected input signal loses.

•Auto-Scan: Cycle-detect the inputs from top priority to the lower priority to switch, when current input signal loses.

•Manual: Manually switched to the other inputs.

Audio

Volume Control

 80

Audio Selection Mode

HDMI → Analog

Other

Device Information

Model	DV-H5G4K-41A
Serial number	00000000000000
MAC address	00:30:18:8A:02:0B

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1. Video

Video Input Selection

Video selection ranges from 1 to 4, corresponding to the four video inputs. Select the related parameters and click the input **button for it** to take effect.

Video Output Resolution

T_Auto

Video output resolution drop-down if used, will change the DV-T6SS4K-41A scaling switcher

HDMI output resolution. User can select the output resolution from the resolutions listed below:

0. Auto
1. 3840x2160_60
2. 3840_2160_50
3. 3840_2160_30
4. 1920_1200_60
5. 1920_1080_60
6. 1920_1080_50
7. 1280_720_60
8. 1280_720_50
9. 1680_1050_60
10. 1600_1200_60
11. 1600_900_60
12. 1400_1050_60
13. 1440_900_60

- 14. 1366_768_60
- 15. 1360_768_60
- 16. 1280_1024_60
- 17. 1280_800_60
- 18. 1280_768_60
- 19. 1024_768_60
- 20. 800_600_60

Video Selection Mode

Auto: Last Connect ▾
Auto: Last Connect
Auto: Auto Scan
Manual

Set

User can select the video switching mode, including

- Manual
- Auto: Last-connect switch

- Auto: Auto-Scan Priority

When **Manual** is selected, the DV-T6SS4K-41A switches according to the manually selection, for instance pushing the front panel button, or web page input selection button, etc.

When **Auto: Last-connect switch** is selected and when the current input signal is lost the DV-T6SS4K-41A will switch to the prior video input which was auto selected by the DV-T6SS4K-41A.

When **Auto: Auto-Scan Priority** is selected and when the current input signal is lost the DV-T6SS4K-41A will scan through the inputs in the priority set until a signal is acquired or the unit power off or switches to the stand by player.

Video Selection Mode

Auto: Auto Scan ▼

Set

Video Auto-Scan Priority

Drag to change priority (high → low)

HDMI 1

HDMI 2

HDMI 3

HDMI 4

Video auto-switching priority is a user configurable list. The user can drag-and-drop the button to change the order. The higher priority input source shows on the top.

2. Audio

Volume Control



Volume Control ranges from 0-100. 90 is the default by-pass level or unity gain.

Audio Selection Mode

HDMI → Analog

▼

Set

User can select the analog or HDMI audio mode

- **Embedded HDMI**
- **Analog Audio In**
- **HDMI->Analog**

When **embedded HDMI** is selected, only 1-4 HDMI embedded audio is available, as the output audio through the HDMI output port and the audio line-out port, following the selection switch to the corresponding video.

When **analog audio-in** is selected, only the analog audio front panel line-in port is available as the output audio through the HDMI output port and the audio line out port.

Note: The front panel buttons override the Web GUI settings.

3. Other

Device Information

Model	DV-HSS4K-41A
Serial number	00000000000000
MAC address	00:30:1B:BA:02:DB

Model: model name

Series number: the production series number

Mac address: the mac address of the DV-T6SS4K-41A scaling switcher.

Advanced Settings

Contain the following options.

1. OSD (on-screen display) control
2. HDCP Support
3. Network
4. Serial Port
5. Authentication
6. Other

FSR

General

Advanced

EDID

Standby Player

External Control

Update

Bottom Banner

ON

OFF

Input HDMI 1

ON

OFF

Input HDMI 2

ON

OFF

Input HDMI 3

ON

OFF

Input HDMI 4

ON

OFF

DHCP

ON

OFF

IP Address

192.168.0.1.150

Subnet Mask

255.255.255.000

Gateway

192.168.0.0.001

Save

TCP Port

23

Save

Control Port

Serial Baudrate

115200

Data Bits

8

Parity

None

Stop Bits

1

Save

Activate Security

ON

OFF

Change Password

Current

New

DV-TESS4K-41A

HDMI 2.0 Video Scale/Switcher

1. OSD Control

Bottom Banner

ON

OFF

Set the bottom banner switch, turning on will show the bottom banner and turning off will hide the bottom banner.

2. HDCP Support

Input HDMI 1

ON

OFF

Input HDMI 2

ON

OFF

Input HDMI 3

ON

OFF

Input HDMI 4

ON

OFF

Set the input HDCP switch, turning it on means it will support HDCP and turning it off will turn off HDCP.

3. Network

DHCP

ON

OFF

IP Address

192.168.001.150

Subnet Mask

255.255.255.000

Gateway

192.168.001.001

Save

The Ethernet setting includes DHCP: set DHCP or static IP

IP Address: Enter the IP address when DHCP is set OFF.

Mask Address: as appointed

Gateway address: as appointed

TCP Port

23

Save

TCP port: configurable TCP port for communication with the scaler switcher.

4. Serial Port

Control Port

Serial Baudrate	<input type="text" value="115200"/>
Data Bits	<input type="text" value="8"/>
Parity	<input type="text" value="None"/>
Stop Bits	<input type="text" value="1"/>
<input type="button" value="Save"/>	

Serial control port setting. Default baud rate is 115200.

5. Authentication

Activate Security	<input type="button" value="ON"/> <input type="button" value="OFF"/>
Change Password	<input type="text" value="Current"/>
	<input type="text" value="New"/>
	<input type="text" value="Retype New"/>
	<input type="button" value="Change"/>

Authentication is used to change the setting of the login password.

Click the "ON" or "OFF" selector to enable or disable the login password to access the web setting page.

The password can also be changed at this point. Enter the old password, then enter the new password, retype new password again and click the "Change" button.

6. Other

Restore System Settings To Factory Default

Factory

EDID Management

Contain the following options.

1. EDID Copy
2. EDID Upload
3. EDID Download

FSR

DV-T6SS4K-41A
HDMI2.0 Video Scaler/Switcher

General

Advanced

EDID

Standby Player

External Control

Update

EDID Copy

Input 1 (HDMI)

Copy from

Internal_4K_2K_60Hz_2_ch

Set

Input 2 (HDMI)

Copy from

Internal_4K_2K_60Hz_2_ch

Set

Input 3 (HDMI)

Copy from

Internal_4K_2K_60Hz_2_ch

Set

Input 4 (HDMI)

Copy from

Internal_4K_2K_60Hz_2_ch

Set

EDID Upload

Select EDID File to Upload (*.bin)

No file chosen

Choose

Select Custom Location

Custom_1

Upload

EDID Download

Select EDID File to Download (left-click or right-click and save target (link as...))

Output

Output (HDMI)

Input

Input 1 (HDMI)

Input 2 (HDMI)

Input 3 (HDMI)

Input 4 (HDMI)

Custom

Custom_1

Custom_2

Custom_3

Custom_4

Custom_5

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1. EDID Copy:

Input 1 (HDMI)

Copy from

Internal_4K_2K_60Hz_2_ch

Set

Input 2 (HDMI)

Copy from

Internal_4K_2K_60Hz_2_ch

Set

Input 3 (HDMI)

Copy from

Internal_4K_2K_60Hz_2_ch

Set

Input 4 (HDMI)

Copy from

Internal_4K_2K_60Hz_2_ch

Set

Select each EDID from the list, to be assigned to each HDMI input.

The EDID list includes

- One output EDID packet.
- Default three EDID packets, including 1080P, 4Kx2K@30Hz, 4Kx2K@60Hz.
- Five custom EDID packets.

2. EDID Upload:

Select EDID File to Upload (*.bin)

No file chosen

Choose

Select Custom Location

Custom_1

Upload

Upload an EDID file from the web GUI to the five custom EDIDs.

3. EDID Download:

Select EDID File to Download (Left-click or Right-click and save target / link as...)

Output

[Output \(HDMI\)](#)

Input

[Input 1 \(HDMI\)](#)

[Input 2 \(HDMI\)](#)

[Input 3 \(HDMI\)](#)

[Input 4 \(HDMI\)](#)

Custom

[Custom 1](#)

[Custom 2](#)

[Custom 3](#)

[Custom 4](#)

[Custom 5](#)

Select EDID file to download (Left-click or Right-click and save target / link as...)

Standby Player

FSR

DV-T6SS4K-41A
HDMI2.0 Video Scaler/Switcher

General

Advanced

EDID

Standby Player

External Control

Update

Standby Player

Standby Player Control

ON

OFF

Current Play Status

Play

Pause

Play status the following content cannot be edited

Current Play Mode

Image

Set

Image Play Interval Time (sec)

3

Set

Add Content

No file c...

Add

Play List

Clear Image

Clear Video

01.png

delete

05.jpg

delete

06.jpg

delete

07.jpg

delete

08.png

delete

09.png

delete

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1. Standby Player Control

Standby player and CEC are mutually exclusive, if you want to use the standby player function, then you must turn off the CEC function.

Standby Player Control

ON

OFF

2. Standby Player Settings

Play Mode: the following content cannot be edited.

Standby Player Control

ON

OFF

Current Play Status

Play

Pause

Play status the following content cannot be edited

Current Play Mode

Image



Set

Image Play Interval Time (sec)

3

Set

Add Content

No file c...

Add

Play List

clear Image

clear Video

01.png	delete
05.jpg	delete
06.jpg	delete
07.jpg	delete
08.png	delete
09.png	delete

Pause Mode: the following content can be edited.

Current play mode contains **image** and **video**; the image play interval time can only be adjusted in **image** mode. The range is 3-254(sec).

Add content: you can upload video and image files from the web page to the player. The file size limit is 40M.

Play List: Player content can be deleted directly here.

Current Play Status

Play

Pause

Current Play Mode

Image

Set

Image Play Interval Time (sec)

3

Set

Add Content

No file c...

Add

Play List

clear Image


clear Video

01.png	delete
05.jpg	delete
06.jpg	delete
07.jpg	delete
08.png	delete
09.png	delete

Contain the following options.

1. CEC

2. Data Port Serial Commands



DV-T6SS4K-41A
HDMI 0 Video Scaler/Switcher

General
Advanced
EDID
Standby Player
External Control
Update

CEC

CEC Control ON OFF

Turn-on Screen Test

Turn-off Screen Test

Turn-off Screen Delay Time (sec) Test

Notes:

Any of the three actions triggers the CEC turn-on command, including

- Power on the unit.
- Switch the inputs.
- New active source feeds in.

No signal on current input triggers the CEC turn-off command.

If delay time is set, the CEC turn-off command will be sent after a delay time since it shows the "No signal" on the screen.

Data Port Serial Commands

Data Port Configuration

Serial Baudrate

Data Bits

Parity

Stop Bits

Save

Serial Command Control ON OFF

Command Editing

Index	Enable	Command	Delay(s)	
Command 1	<input type="checkbox"/>	<input type="text"/>	<input type="text" value="0"/>	Save Test
Command 2	<input type="checkbox"/>	<input type="text"/>	<input type="text" value="30"/>	Save Test

Notes:

Any of the three actions triggers the Serial command 1, including

- Power on the unit.
- Switch the inputs.
- New active source feeds in.

No signal on current input triggers the Serial command 2.

If delay time is set, the Serial command 2 will be sent after a delay time since it shows the "No signal" on the screen.

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1. CEC

CEC Control

ON

OFF

Turn-on Screen

Test

Turn-off Screen

Test

Turn-off Screen Delay Time (sec)

30

Set

Any of the three actions trigger the CEC turn-on command, including

- Powering on the unit.
- Switching the inputs.
- New active source connected.

No active signal on current input in manual mode or no video found in the last connected or scan modes will trigger the CEC turn-off command.

If the delay time is set, the CEC turn-off command will be sent after the delay time unless a new source is detected.

2. Data Port Serial Setting

Data Port Configuration

Serial Baudrate

9600

Data Bits

8

Parity

None

Stop Bits

1

Save

In the data port serial setting you can set the parity, data bits, flow control, baud rate and stop bits. For the DV-T6SS4K-41A, currently only the baud rate is configurable. Users can select the needed baud rate from the drop-down list. After selecting the related parameters and clicking the **save** button the changes **will** take effect.

3. Data Port Serial Commands

Serial Command Control

ON

OFF

Command Editing

Index	Enable	Command ?	Delay(s)		
Command 1	<input type="checkbox"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="button" value="Save"/>	<input type="button" value="Test"/>
Command 2	<input type="checkbox"/>	<input type="text"/>	<input type="text" value="30"/>	<input type="button" value="Save"/>	<input type="button" value="Test"/>

The command list will allow users to pre-configure some RS232 commands to be sent by the DV-T6SS4K-41A to control another third-party device upon the receipt of the trigger command. By pre-storing the "Command", "Delay" time (seconds), and the "Enable", the DV-T6SS4K-41A will send the "Command" through the RS232 data port, after the "Delay" time upon the receipt of the "Trigger" commands through the RS232 control port.

Any of the three actions triggers the serial command 1, including

- Powering on the unit.
- Switching the inputs.
- New active source is connected.


No active signal on current input in manual mode or no video found in the last connected or scan modes will trigger the serial command 2.

If the delay time is set, serial command 2 will be sent after the delay time unless a new source is detected.

By clicking the "Save" button, the user can save the command.

By clicking the "Test" button, the DV-T6SS4K-41A will immediately send out the "Commands".

Update



DV-T6554K-41A
HDMI2.0 Video Scaler/Switcher

General

Advanced

EDID

Standby Player

External Control

Update

Web Upgrade

Firmware Version:0.01.001

WebGUI Version:0.2.1

Select Update File (*.bin)

No file chosen

Choose File

Update

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Update page

Firmware Version: 0.01.001

WebGUI Version: 0.1.9

Select Update File (*.bin)

No file chosen

Choose File

Update

The FW file includes both firmware and web page updates. The user can store the update files on their PC and then click "Choose File" to upload the file to the DV-T6SS4K-41A. Click update to start the progress. The unit will automatically update and reboot. This function is browser dependent and you may need to try multiple browsers based on your specific PC.

Other

Factory Reset

DV-T6SS4K-41A can be set to factory default by the rear panel button. This can be done by:

- 1) Press and hold the reset button on the rear panel for 5 seconds.
- 2) Go to the login web page, and select advanced setting, click the **factory** button.

F/W Update

There are two methods to upgrade the DV-T6SS4K-41A.

Method 1: Upgrading via webpage

1. Connect the DV-T6SS4K-41A to a display device.
2. Copy the "update.bin" to the PC.
3. Connect the PC to the DV-T6SS4K-41A, enter the webpage for the DV-T6SS4K-41A, and select the update page to select the stored "update.bin" to start the upgrade.
4. After about 10 minutes, the webpage will show a successful upgrade, then auto-refresh the web page. Please check the FW version to be sure of a successful upgrade to the right FW version.
5. The device will auto-reboot after completing the entire upgrading progress.
6. If not successful, please re-upgrade again using a different internet browser.

Method 2: Upgrading via USB port (in the rear panel)

1. Copy the upgrading file "update.bin" to the root directory of the USB drive.
2. Connect the USB drive to the USB port of the REAR panel.
3. Hold-and-press the HDMI 1 input for about 5 seconds to upgrade. During the upgrading procedure, the buttons will all be lit, and after successful upgrade, the unit will reboot and only one of the buttons will be lit.
4. Attention: if all buttons are off, it means that the upgrade failed. At that time, please unplug the power cord to power cycle the unit. Then repeat the above upgrading procedures.

Electrical Parameters

Specifications

Supported Formats	
Resolutions (max.)	<ul style="list-style-type: none">• 3840x2160 @60Hz (4K x 2K @60Hz)

Electrical	
Video Select Buttons	<ul style="list-style-type: none">• 4 x Tact-type, backlight
Inputs Select Buttons	<ul style="list-style-type: none">• 4 x Tact-type, backlight

Connectors	
Video Input	<ul style="list-style-type: none">• 4 x HDMI Type A 19-pin, female,
Video Output	<ul style="list-style-type: none">• 1 x HDMI Type A 19-pin, female
Audio Input	<ul style="list-style-type: none">• 1 x 3.5mm mini-stereo
Audio Output	<ul style="list-style-type: none">• 1 x 3.5mm mini-stereo
RS-232	<ul style="list-style-type: none">• 1 x DB-9, Control port, female• 1 x DB-9, Data port, female
LAN	<ul style="list-style-type: none">• 1 x RJ-45
USB	<ul style="list-style-type: none">• Type A 4-pin, female
AC Power	<ul style="list-style-type: none">• 1 x 110~240V AC 3-pin

Operational	
Power Input	<ul style="list-style-type: none"> • 110~240V AC
Power Consumption	<ul style="list-style-type: none"> • 15W (max.)
Physical	
Dimensions (W x H x D)	<ul style="list-style-type: none"> • 111.0mm x 35.2mm x 111.0mm
Unit Weight	<ul style="list-style-type: none"> • 3.3 LBS (1.5 kg)

CONTACT INFORMATION

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