

1x10 4K HDMI 2.0 Splitter

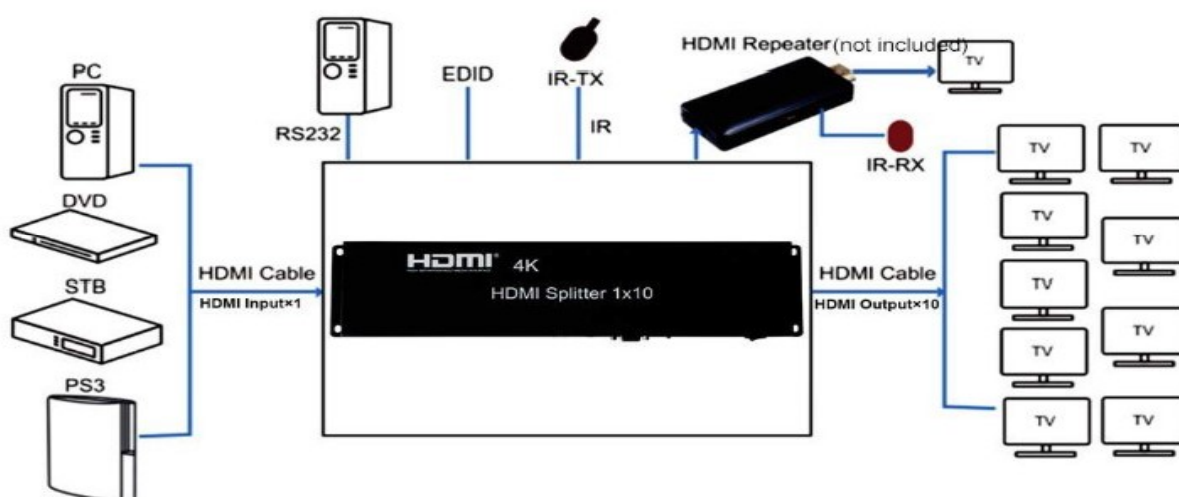
Model: CLVS-2.0HDMI-UHD-1-10

1x10 4K HDMI Splitter:

This 1x10 HDMI splitter can connect 1 high-definition signal source to 10 high-definition display terminals. It can easily distribute the high-definition signal generated by one high-definition signal source to 10 monitors or projectors that support high-definition signals, and can amplify the HDMI signal. This HDMI splitter supports resolutions up to 3840x2160/60Hz. This product can support EDID management function. It comes with 8 kinds of EDID modes. Users can choose according to their own needs. In addition, this product also has built-in IR-TX expansion function. Through the IR-RX of the amplifier of the distributor Infrared remote control commands are received to perform remote control of the signal source.



Application Diagram



ONE INPUT TO TEN OUTPUTS

Distributes 1 HDMI input signal to 10 HDMI output sinks simultaneously. (The output sinks can be projector, Monitor, LCD, HDTV etc. Also can be mixed and size unlimited)

FEATURES

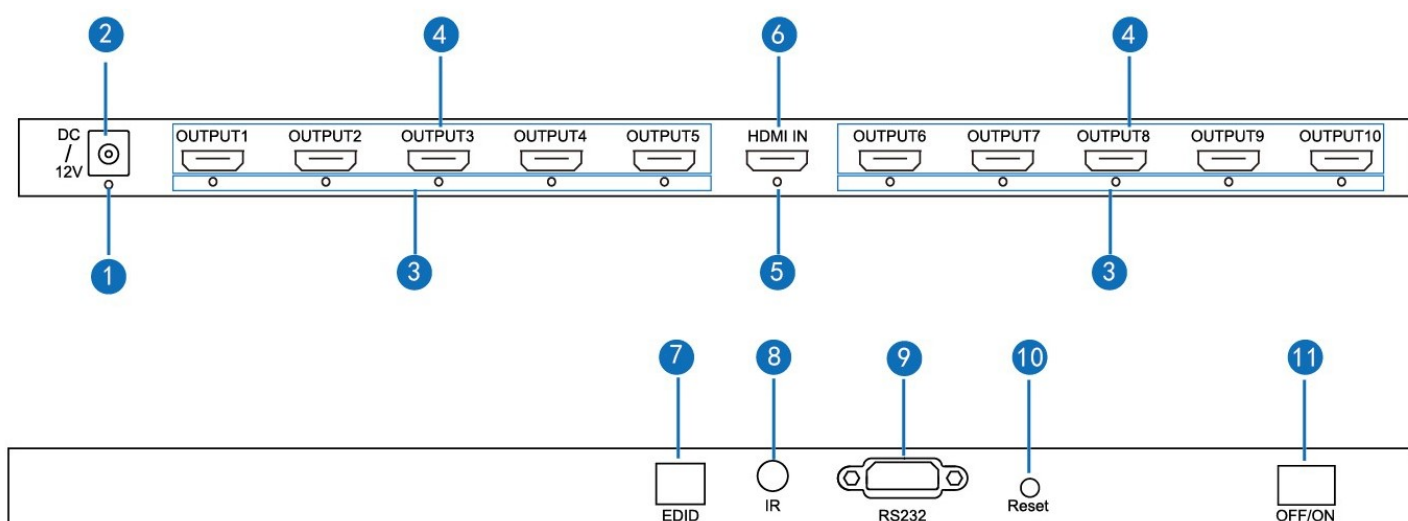
- Support HDMI2.0 version, HDCP2.2
- Support 3D video format
- Support HDR
- Support CEC (only output 1)
- Support maximum resolution up to 3840x2160/60Hz
- The TMDS clock is 600Mhz when the highest rate is 6G
- Support 8/10/12 bit color depth
- When using a standard AWG26 cable, the input transmission distance is up to 5 meters, and the output transmission distance is up to 10 meters (4K@30HZ)
- Support one HDMI signal input, multiple HDMI output to the display, the input source can be DVD player, A/V receiver, set-top box
- Built-in IR extension function, (receive infrared remote control commands through the IR-RX of the amplifier to perform remote control of the signal source).
- Support serial online upgrade
- Support EDID management
- 12V/2A power adapter

SPECIFICATIONS

HDMI Version	HDMI 2.0
HDCP Version	HDCP 2.2
HDMI Resolution	Maximum Support 3840x2160/30Hz
Supported Video Format	8/10/12 bit depth
Supported Audio Format	DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD
Maximum Bandwidth Transmission	600MHz
Maximum Transfer Rate	6 Gbps
Cable Entry Length	≤5 rice AWG26 HDMI Standard Cable
Output Cable Length	≤10 rice AWG26 HDMI Standard Cable
Maximum Operating Current	1.4 A
Power Adapter Specifications	Enter AC (50Hz, 60Hz) 100V-240V; Output: DC12V/2A
Range of Working Temperature	(-15°C to +55°C)
Size	375x89x22(mm)
Weight	About 780g



PRODUCT DESCRIPTION INTERFACE



S/N	
1	Power Indicator
2	12V Power Interface
3	LED Output Indicator
4	HDMI Outlet
5	LED Input Indicator
6	HDMI Input Port
7	DIP Switch for EDID Manage
8	IR TX Extension Ports
9	RS232 Interface
10	Reset Button
11	Switch

DIP EDID DIP switch description:

DIP	1	2	3	4	
x	0	0	0		Copy Output Port 1 EDID
x	0	0	1		Backward Compatible with lowest resolution TV displays
x	0	1	0		4K_60Hz_2 Sound Track
x	0	1	1		4K_30Hz_2 Sound Track
x	1	0	0		4K_30Hz_5.1Sound Track
x	1	0	1		1080P_3D_2 Sound Track
x	1	1	0		1080P_2D_2 Sound Track
x	1	1	1		1080P_2D_6 Sound Track

Description of working mode:

The product has two working modes, which are normal working mode and upgrading mode, which are determined by DIP EDID switch 1, 1 is upgrading mode, 0 is normal working mode

IR extension description:

This product has an IR_TX extension interface, which can be used with an optional HDMI amplifier. The amplifier end is IR_RX extension, and the IR extension function can be achieved through the HDMI cable.

Connection operation:

- 1: Connect the HD signal source and the input port of the splitter together through an HDMI cable.
- 2: Connect the display terminal and the splitter output port together through 10 HDMI cables
- 3: Connect the distributor with 12V/2A power adapter
4. Button operation: Reset button is a reset button to reset the system