



## 4x4 HDMI 2.0 Matrix with output 4K to 1080p downscaling 18Gbps

The 4x4 HDMI Matrix supports the transmission of the video signal (up to 4K2K@60Hz YCbCr 4:4:4) with multichannel digital audio from up to four high-definition sources to up to four HDMI outputs. Each output supports more downscale functionality. It can display the same or different screen on four displays (the user can choose the display screen for any signal source). Also, the product has a distribution mode and switching mode.

### Feature Highlights

- HDCP 2.2 compliant
- Up to 4K2K@60Hz with 24bit RGB/YCbCr 4:4:4
- HDR, HDR10, HDR10+, Dolby Vision pass-through
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Supports 4K -> 1080P Downscaler
- Supports advanced EDID management
- Flexible control via panel or IR remote control

**SPECIFICATIONS**

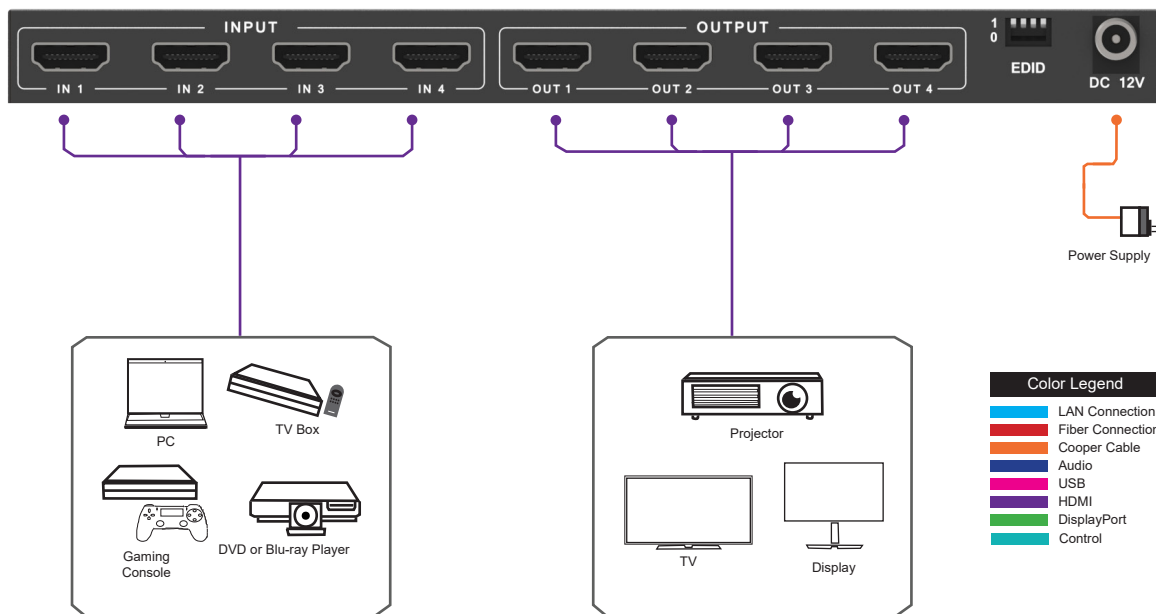
<b>HDCP Compliant</b>	HDCP 2.2 / 1.x
<b>Video Bandwidth</b>	594MHz / 18Gbps
<b>Video Resolution</b>	480i ~ 1080p 50/60Hz, 4Kx2K@24/30Hz, 4K2K@60Hz
<b>Color Space</b>	RGB, YCbCr 4:4:4 / 4:2:2. YUV 4:2:0
<b>Color Depth</b>	8-bit, 10-bit, 12-bit (1080p@60Hz) 8-bit (4K2K@60Hz YUV4:4:4) 8-bit, 10-bit, 12-bit (4K2K@60Hz YCbCr 4:2:2 / 4:2:0)
<b>HDMI Audio Formats</b>	LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
<b>ESD Protection</b>	Human-body Model: ±8kV (Air-gap discharge), ±4kV (Contact discharge)

**MECHANICAL**

<b>Housing</b>	Metal Enclosure
<b>Color</b>	Black
<b>Dimensions</b>	220mm(W)×205mm(D)×19mm(H)
<b>Weight</b>	535g
<b>Power Supply</b>	Input: AC100~240V 50/60Hz Output: DC 12V/2.5A(US/EU standard, CE/FCC/UL certified)
<b>Power Consumption</b>	11.04W
<b>Operating Temperature</b>	0°C ~ 40°C / 32°F ~ 104°F
<b>Storage Temperature</b>	-20°C ~ 60°C / -4°F ~ 140°F
<b>Relative Humidity</b>	20~90% RH (Non-Condensation)

**CONNECTIONS**

<b>Input Ports</b>	4×HDMI Type A [19-pin female] 1×IR Receiver Window 1×Micro USB
<b>Output Ports</b>	4×HDMI Type A [19-pin female]

**APPLICATION EXAMPLE**

**Applications**

Digital Signage, Conference Rooms, Operating Rooms and Audio-Video Rooms