



## 1x8 HDMI 1.4 Splitter over CAT 70m 10.2Gbps

This HDMI 1x8 Splitter can distribute 1 HDMI source signal to any 8 display devices. Support video resolution up to 4K2K@30Hz 4:4:4. It is designed with 1 HDMI input, 1 HDMI loop output, and 8 CAT outputs. The HDMI signal transmission distance can be extended up to 131ft / 40 meters at the resolution of 4K30Hz, or 230ft / 70 meters at 1080P@60Hz via a single CAT6 cable. The product supports one-way IR control signal pass-through and advanced EDID management. It also supports a one-way POC function.

### Featured Highlights

- HDMI 1.4 and HDCP 1.4 compliant
- Video resolution up to 4K2K@30Hz (4:4:4) 8-bit
- Supports audio formats: LPCM 7.1CH, Dolby True HD, and DTS-HD Master Audio
- Extends the signal transmission distance up to 131ft / 40 meters at the resolution of 4K30Hz, or 230ft / 70 meters at 1080P@60Hz via a single CAT6 cable
- Supports 1 HDMI input, 1 HDMI loop output, and 8 CAT outputs.
- Advanced EDID management
- Supports 12V POC function (only from transmitter to receiver)
- Compact design for easy and flexible installation

**Technical**

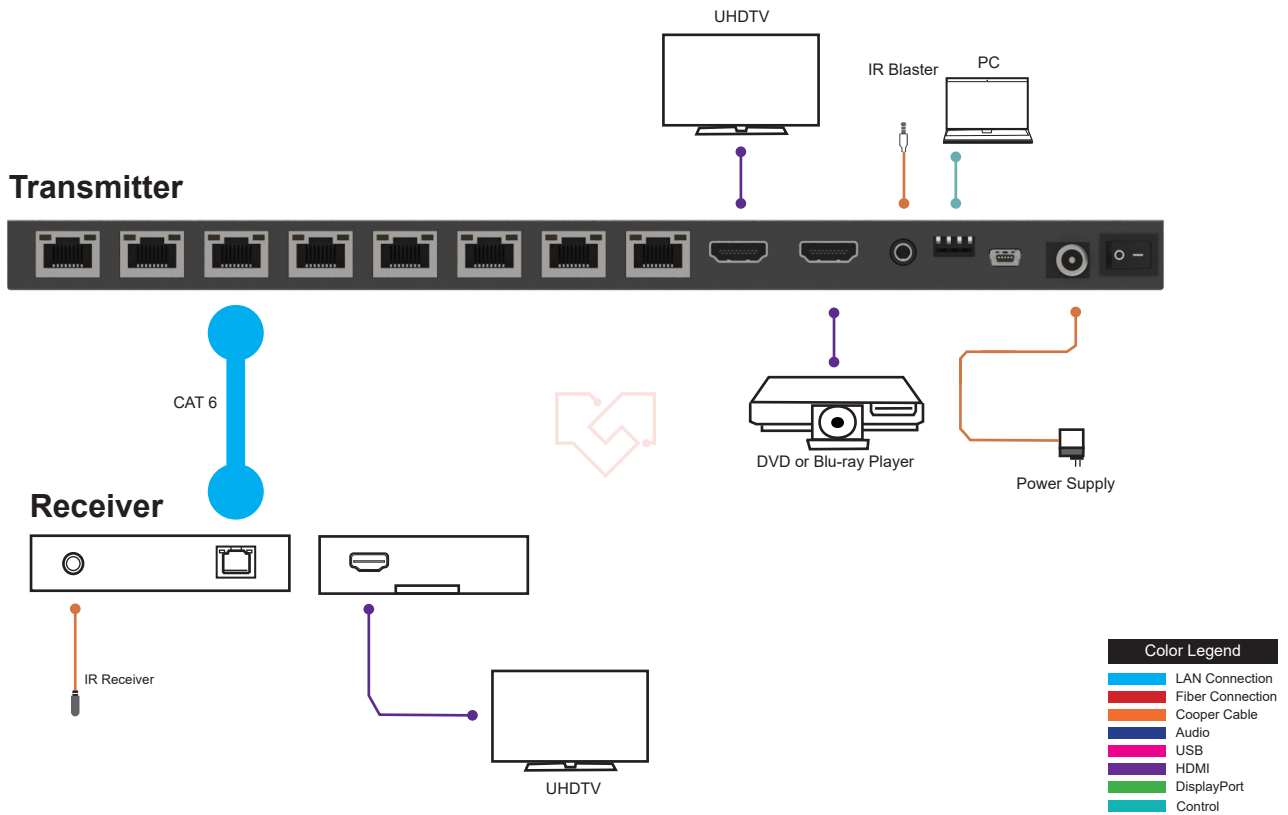
<b>HDMI Compliance</b>	HDMI 1.4
<b>HDCP Compliance</b>	HDCP 1.4
<b>Video Bandwidth</b>	297MHz/10.2Gbps
<b>Video Resolution</b>	480i ~1080p50/60Hz, 4Kx2K@30Hz (4:4:4)
<b>Color Depth</b>	8-bit,10-bit,12-bit (1080p@60Hz); 8-bit (4K30Hz)
<b>Color Space</b>	RGB, YCbCr_4:4:4/4:2:2. YUV_4:2:0
<b>Audio Formats</b>	LPCM 7.1CH, Dolby True HD, and DTS-HD Master Audio
<b>Transmission Distance</b>	1080P@60--70M, 4K30 --40M
<b>ESD Protection</b>	Human body model—±8kV (Air-gap discharge) & ±4kV (Contact discharge)

**MECHANICAL**

<b>Housing</b>	Metal Enclosure
<b>Silkscreen Color</b>	Black
<b>Dimensions</b>	Transmitter: 295mm (W) × 82mm (D) × 18mm (H) Receiver: 79.5mm (W) × 69mm (D) × 16.5mm (H)
<b>Weight</b>	Transmitter: 628g; Receiver: 130g
<b>Power Supply</b>	I12V/2.5A DC Power (US/EU standards, CE/FCC/RoHs certified)
<b>Power Consumption</b>	19.2W
<b>Operation 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>Transmitter</b>	Input: 1×HDMI IN [Type A, 19-pin female] Outputs: 1×HDMI OUT [Type A, 19-pin female] 8x CAT OUT [RJ45] Controls: 1x IR OUT [3.5mm Stereo Mini-jack] 1 x EDID DIP switch [4-pin] 1x Update [Micro USB]
<b>Receiver</b>	Inputs: 1x IR IN [3.5mm Stereo Mini-jack] 1x CAT IN [RJ45, 8-pin female] Output: 1x HDMI OUT [Type A, 19-pin female]

**APPLICATION EXAMPLE**

**Applications**

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