



1x2 HDMI 1.4 Splitter over CAT 70m 10.2Gbps

This HDMI 1x2 Splitter can distribute 1 HDMI source signal to any 2 display devices. Support video resolution up to 4K2K@30Hz 4:4:4. It is designed with 1 HDMI input, 1 HDMI loop output and 2 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.

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-HDMaster Audio
- Extend the signal transmission distance up to 40m/131ft at the resolution of 4K30 or 70m/230ft at 1080P@60Hz via a single CAT6 cable
- Supports 1 HDMI input, 1 HDMI loop output and 2 CAT outputs
- Advanced EDID management
- Supports 12V one-way POC function (only from transmitter to receiver)
- Compact design for easy and flexible installation

TECHNICAL

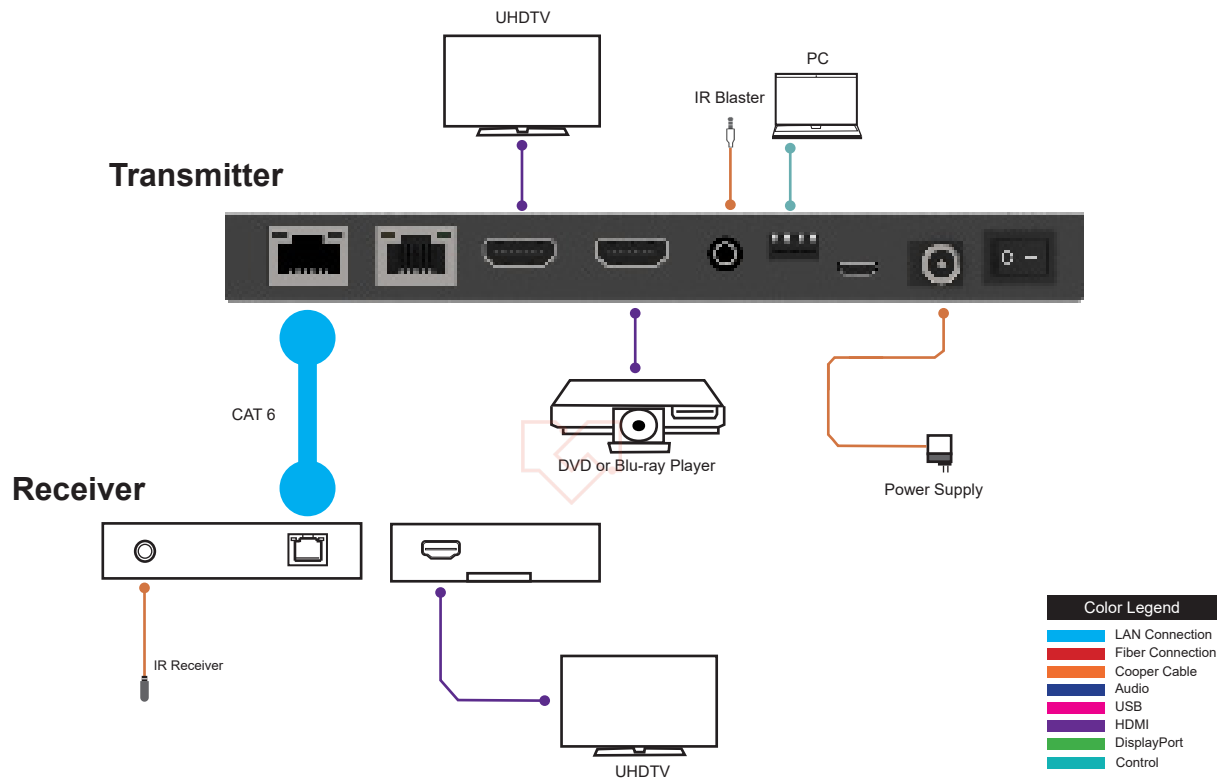
HDMI Compliance	HDMI 1.4
HDCP Compliance	HDCP 1.4
Video Bandwidth	297MHz/10.2Gbps
Video Resolution	480i ~1080p50/60Hz, 4Kx2K@30Hz (4:4:4)
Color Depth	8-bit, 10-bit, 12-bit (1080p@60Hz); 8-bit (4K30Hz)
Color Space	RGB, YCbCr_4:4:4/2:2, YUV_4:2:0
Audio Formats	LPCM 7.1CH, Dolby True HD and DTS-HD Master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

CONNECTIONS

Transmitter	Input: 1 × HDMI IN [Type A, 19-pin female] Outputs: 1 × HDMI OUT [Type A, 19-pin female] 2 × CAT OUT [RJ45] Controls: 1 × IR OUT [3.5mm Stereo Mini-jack] 1 × EDID DIP switch [4-pin] 1 × UPDATE [Micro USB]
Receiver	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]

MECHANICAL

Housing	Metal Enclosure
Color	Black
Dimensions	Transmitter: 175mm (W) × 82mm (D) × 18mm (H) Receiver: 79.5mm (W) × 69mm (D) × 16.5mm (H)
Weight	Transmitter: 366g; Receiver: 130g
Power Supply	12V/1A DC Locking Power (US/EU standards, CE/FCC/RoHs certified)
Power Consumption	5.4W
Operation Temp.	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (Non-Condensation)

APPLICATION EXAMPLE

Applications

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