

DVDO

DVDO-CAT4K-40

4K30 HDMI 40m Extender Over Ethernet (Tx/Rx)



DVDO-CAT4K-40 is an extender that can transmit uncompressed high definition HDMI signals up to 230ft/70m for 1080p resolution or 131ft/40m for 4K30 resolution via a single CAT6 cable.

The transmitter includes an HDMI loop output that can connect to a local display or to another HDMI extender.

It supports EDID copy function (you can choose either local or remote EDID) as well as audio formats up to PCM7.1, Dolby True HD and DTS HD.

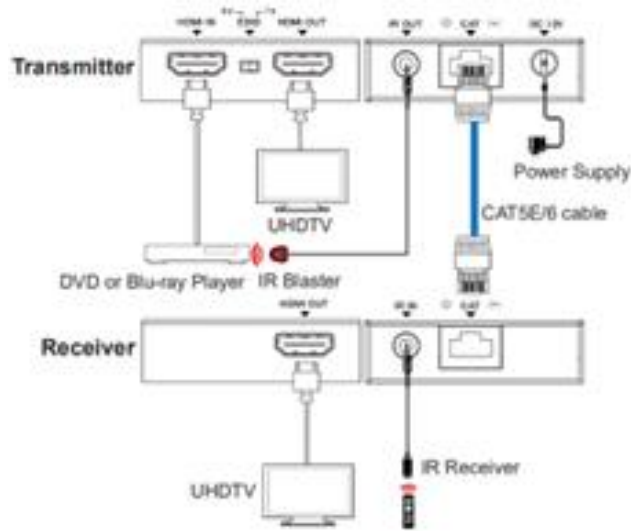
Features

- HDMI 1.4, HDCP 1.4 and DVI 1.0 compliant
- Supports video resolutions up to 4K2K@30Hz YUV 4:4:4
- Maximum transmission distance:
CAT6: 230ft/70m for 1080p, 131ft/40m for 4K30
CAT5E: 197ft/60m for 1080p, 115ft/35m for 4K30
- Can copy EDID from the display connected either to the receiver or to the transmitter's loop out
- Allows cascading to other HDMI extenders through the HDMI loop out
- One-way PoC (from transmitter to receiver)
- One-way IR signal transmission
- Compact design for easy and flexible installation

Applications

- Conference Rooms
- Hospitality
- Digital Signage
- Houses of Worship
- Education
- Restaurants
- Retail
- Residential

Application Diagram



Technical Specifications

Technical	
Compliance	HDMI 1.4 / HDCP 1.4
Video Bandwidth & Resolution	10.2Gbps / Up to 4K@30Hz
Audio Formats	Up to 7.1CH HD audio
Input Signal	TMDS signal: 3.3V / DDC signal: 5.0V/P-P
ESD Protection	Human-body Model: ±8kV (Air-gap discharge) / ±4kV (Contact discharge)
Connections	
Transmitter	Input: 1 x HDMI Type A [19-pin female] Outputs: 1 x HDMI Type A [19-pin female] 1 x IR OUT [3.5mm Stereo mini-jack] 1 x CAT OUT [RJ45, 8-pin female]
Receiver	Inputs: 1 x IR IN [3.5mm Stereo mini-jack] 1 x CAT IN [RJ45, 8-pin female] Output: 1 x HDMI Type A [19-pin female]
Mechanical	
Enclosure	Metal / Black
Dimensions	79.5 (W) x 69 (D) x 16.5 (H) mm
Product Weight	Transmitter: 132g / Receiver: 130g
Power Supply	12V / 1A DC
Power Consumption	Transmitter: 1.86W / Receiver: 0.87W
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	20% to 90% RH, non-condensing