

# DVDO

## DVDO-CAT4K-50

### 4K60 HDMI 50m Extender Over Ethernet (Tx/Rx)



DVDO-CAT4K-50 is an extender that can transmit HDMI signals up to 164ft/50m for resolutions up to 4K2K@60Hz 4:4:4, 18Gbps via a single CAT5e/6 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.

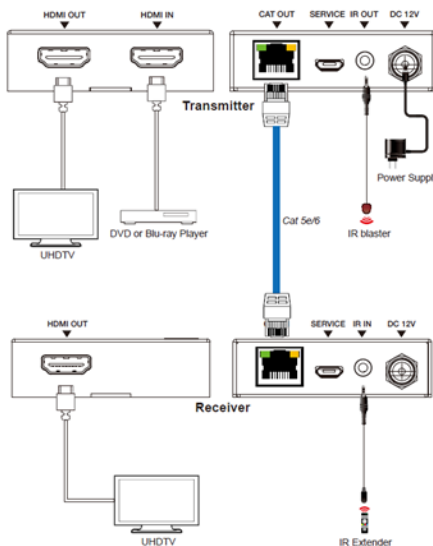
## Features

- HDMI 2.0, HDCP 2.2 and DVI 1.0 compliant
- Supports video resolutions up to 4K2K@60Hz YUV 4:4:4 with 18Gbps bandwidth
- Maximum transmission distance: 164ft/50m with CAT5e/6 cable
- Automatic EDID copy function
- HDMI loop out on Tx
- Two-way PoC (Tx or Rx)
- One-way IR pass-through
- HDR
- Compact design for easy and flexible installation
- Mounting ears included

## Applications

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

# Application Diagram



## Technical Specifications

<b>Technical</b>	
Compliance	HDMI 2.0 / HDCP 2.2 & 1.4
Video Bandwidth & Resolution	18Gbps / Up to 4K@60Hz 4:4:4
Color Space	RGB / YCbCr 4:4:4, YCbCr 4:2:2/4:2:0, YUV 4:4:4
Color Depth	8/10/12-bit (1080p60Hz, 4K30Hz, 4K60Hz YCbCr 4:2:2/4:2:0) 8-bit (4K60Hz 4:4:4 )
Audio Formats	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus (DD+), DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X
ESD Protection	Human-body Model: ±8kV (Air-gap discharge) / ±4kV (Contact discharge)
<b>Connections</b>	
Transmitter	Input: 1 x HDMI Type A [19-pin female] 1 x SERVICE [Micro-USB, Update port] 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]
<b>Mechanical</b>	
Enclosure	Metal / Black
Dimensions	61 (W) x 88 (D) x 18 (H) mm
Product Weight	Transmitter: 160g / Receiver: 155g
Power Supply	Input: AC 100-240V 50/60Hz / Output: 12V / 1A DC
Power Consumption	3.84W
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