

DVDO

DVDO-CAT4K-70-CC

4K60 HDMI 70m Cascading
Extender Over Category with ARC



DVDO-CAT4K-70-CC is an HDMI extender that transmits signals up to 70m/230ft over CAT6/6a/7 cable, supporting resolutions up to 4K@60Hz.

The transmitter features an HDMI loop-out for a local display.

The receiver features a category loop-out for cascading up to 10 receivers (additional receivers sold separately, P/N DVDO-CAT4K-70-CC-Rx) and a S/PDIF output for audio de-embedding.

DVDO-CAT4K-70-CC supports EDID pass-through, bi-directional IR and automatic downscaling.

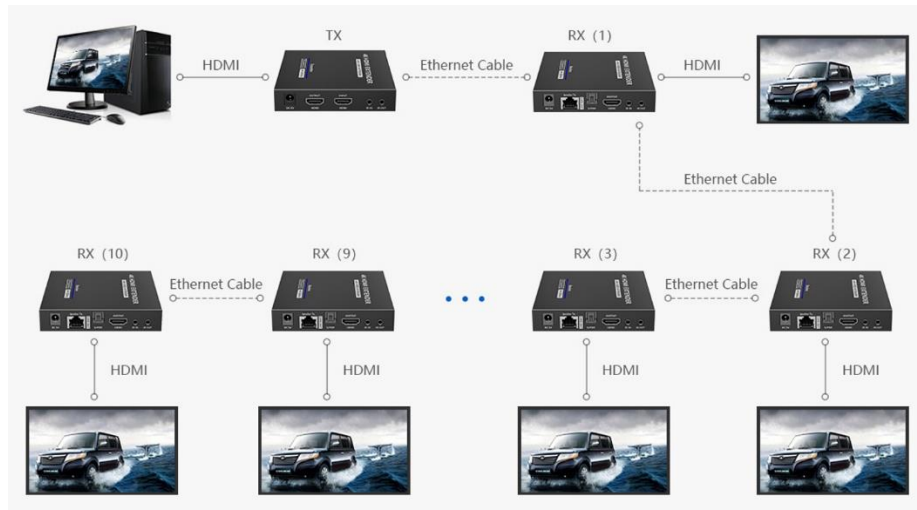
Features

- HDMI 2.0 and HDCP 2.2 compliant
- Zero latency
- Supports video resolutions up to 4K@60Hz
- Maximum transmission distance: 230ft/70m with CAT6/6a/7 cable
- HDMI loop-out on transmitter
- Category loop-out on receiver, supports up to 10 receivers in cascade. Additional receivers sold separately (P/N # DVDO-CAT4K-70-CC-Rx)
- HDR10, EDID passthrough, ARC, downscaling auto adapts to display resolutions
- Bi-directional IR (20-60kHz)
- Audio de-embedding on receiver with separate S/PDIF output
- Compact design for easy and flexible installation

Applications

- Digital Signage
- Hospitality
- Houses of Worship
- Retail
- Restaurants
- Education

Application Diagram



Technical Specifications

Technical	
Compliance	HDMI 2.0 / HDCP 2.2
Video Resolutions	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 3840x2160@24/25/30/50/60Hz, 4096x2160@24/25Hz, 1280x960, 1280x800, 1280x768, 1680x1050, 1360x768, 1366x768, 1600x900, 1024x768, 800x600
Audio Formats	LPCM, DTS-HD, DTS-Audio, Dolby Digital 5.1CH, Dolby Atmos
Input/Output TMDS & DDC Signal	TMDS: 0.7-1.2Vp-p / TTL: 5Vp-p
Transmission Distance	70m/230ft for resolutions up to 4K@60Hz (CAT6/6a/7 cable)
HDR	HDR, HDR10
Connections	
Transmitter	Input: 1 x HDMI Type A [19-pin female] Outputs: 1 x HDMI Type A [19-pin female] / 1 x CAT OUT [RJ45, 8-pin female] Control: 1 x IR IN [3.5mm Stereo mini-jack] / 1 x IR OUT [3.5mm Stereo mini-jack] 1 x RESET button]
Receiver	Input: 1 x CAT IN [RJ45, 8-pin female] Outputs: 1 x HDMI Type A [19-pin female] / 1 x CAT OUT [RJ45, 8-pin female] 1 x S/PDIF [Toslink] Control: 1 x IR IN [3.5mm Stereo mini-jack] / 1 x IR OUT [3.5mm Stereo mini-jack] 1 x RESET button / 1 x S/PDIF/ARC toggle switch
Mechanical	
Enclosure	Black metal
Dimensions	105.5 (W) x 102.5 (D) x 20 (H) mm
Product Weight	Transmitter: 243g / Receiver: 243g
Power Supply	DC 5V/2A
Power Consumption	4W (Tx) / 4W (Rx) max
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)
Humidity	0% to 90% RH, non-condensing