DVIGEAR® **WILDCAT™**

DVI-7570-TX
4K HDMI CAT6 Transmitter

DVI-7570-RX
4K HDMI CAT6 Receiver

FEATURES

- Supports HDMI v2.0, HDCP 2.2 compliant

- Supports resolutions up to 3840x2160 /60p (4:4:4) with visually lossless compression

- Extends HDMI and IR over a single CAT6A cable

- Maximum extension distances:
  3840 x 2160 /60p: 98 ft. (30 m)
  3840 x 2160 /30p: 230 ft. (70 m)

- Bi-directional Power-over-Cable (POC)

- Buffered HDMI Loop Output on DVI-7570-TX

- Analog and Digital (TOSLINK) De-embedded Audio Output on DVI-7570-RX

- Ultra-compact, low-profile case for easy concealment

- Locking DC power connectors for added security and reliability

- Mounting hardware included

Engineered for Value — DVIGear Wildcat™ Extenders utilize new technology that enables them to extend HDMI signals for a fraction of the cost of other twisted pair extenders. This is achieved using visually lossless compression that allows resolutions up to 3840 x 2160 /60p (4:4:4) to be extended up to 30 meters (98 ft.) over a single CAT6A cable.

Easy to Integrate — The DVI-7570 supports bi-directional Power-over-Cable (POC). This gives integrators and system designers the flexibility to power the extender set at either end of the signal chain. The extenders occupy a minimal amount of space and can easily be concealed thanks to an ultra-compact metal case, which includes all required mounting hardware for a seamless, low-profile installation.

Well-Connected — The extender includes a buffered HDMI Loop Output for a local HDMI display on the Tx side. The Rx units include de-embedded Analog and Digital (TOSLINK) audio outputs to facilitate connections to an external audio system. These features, together with the Wildcat Extender's exceptional performance, make it the ideal solution for cost-sensitive applications that demand high quality HDMI signal distribution.

DVI-7570-TX

Input View

Output View

Input View

Output View

DVI-7570-RX

SPECIFICATIONS

Supported AV Signals	
Video	HDMI 2.0, DVI 1.0
HDCP	HDCP 1.4 and HDCP 2.2
EDID	Automatic EDID Pass-through from connected display to source
Embedded Audio	Supports pass-through of embedded HDMI audio, including LPCM 2.0/2.1/5.1/6.1/7.1, and HBR Bitstream formats
De-Embedded Audio	Analog Audio Output: Supports Stereo Linear PCM Audio up to 24-bit/192KHz Optical S/PDIF Output: Supports Stereo Linear PCM Audio up to 24-bit/92KHz and Bitstream formats
IR Control	Supports IR Pass-through from RX to TX unit
Connections / Indicators	
CAT Port	1 ea. shielded RJ45 female connector with LED Power and Signal indicators
HDMI Input / HDMI Output	DVI-7570-TX 2ea. 19-pin female HDMI connectors for HDMI In and HDMI Out DVI-7570-RX 1ea. 19-pin female HDMI connector for HDMI Out
IR Control	DVI-7570-TX 1ea. IR OUT: 3.5mm Mini-Jack; DVI-7570-RX 1ea. IR IN: 3.5mm Mini-Jack
Analog Stereo Audio	DVI-7570-RX 1ea. Analog Stereo Audio Out: 3.5mm Mini-Jack
Digital Audio	DVI-7570-RX 1ea. S/PDIF Audio Out: TOSLINK Optical Connector
Service Port	Micro USB Female
DC Power	1ea. 5.5 mm / 2.0 mm female screw-locking connector
Performance	
Supported Video Resolutions [1]	Up to 4K /60p with 8-bit color (4:4:4); Up to 4K /60p with 10-bit or 12-bit color (4:2:2 or 4:2:0)
Supported Video Formats	RGB / YCbCr 4:4:4, YCbCr 4:2:2/4:2:0, YUV 4:4:4
Supported PC Resolutions [1]	Up to 3840x2160 / 60 Hz
Max. Pixel Clock Freq. [1] / Max. Video Bit Rate [1]	Supports pixel clock rates up to 600 MHz / Supports digital signal bit rates up to 6.0 Gbps./color, 18.0 Gbps. total
Video Signal Latency	6x Lines Total (3x Lines on TX and 3x Lines on RX)
Built-in ESD Protection	Human body model: ±8KV (air-gap discharge) and ±4KV (contact discharge)
Recommended CAT Cable	CAT6A S/FTP (500 MHz) AWG 23, or CAT7 (Europe); Compliant with TIA/EIA-568B termination standard
Maximum Cable Distance	4K /60p: Up to 98 ft. (30 meters) using CAT6A S/FTP (500 MHz) AWG 23 cable 4K /30p: Up to 230 ft. (70 meters) using CAT6A S/FTP (500 MHz) AWG 23 cable
HDMI Input Cable Equalization	Supports DVIGear's HR™ Series HDMI with cable lengths up to 5 meters at 4K /60p resolution
Power	
Typical Power Consumption	3.84 watts total
Power Extension	Bi-directional power over CAT6A cable
External AC Power Adapter	Input: 100-240VAC, 50-60Hz / Output: +12VDC @ 1.0A
Mechanical	
Construction	Heavy-duty steel enclosure with jet black finish
Dimensions (H x W x D)	Each Unit: 0.72" x 2.42" x 3.47" (18.3 x 61.4 x 88.2 mm)
Weight	DVI-7570-TX 5.64 oz (160 grams); DVI-7570-RX 5.47 oz (155 grams)
Environmental	
Operating / Storage Temperature (Environment)	+32° to +104°F (0° to +40°C) / -4° to +158°F (-20° to +70°C)
Typical Case Temperature	Tx Unit: 103.1°F (39.5°C); Rx Unit: 92.5°F (33.6°C)
Operating / Storage Humidity	10% to 90% (non-condensing)
Regulatory Approvals	
TX / RX Units	FCC, CE, RoHS
External AC Power Adapter	CE, UL, C-UL, CEC, DOFT, GS, PSE, CCC, KCC, CB, TUV, RoHS, WEEE, S, RCM, Class II
Warranty	
Limited Warranty	3 Year Parts and Labor
Model Numbers	
DVI-7570	4K HDMI CAT6 Extender Set
DVI-7570-TX	4K HDMI CAT6 Transmitter
DVI-7570-RX	4K HDMI CAT6 Receiver
Accessories Included	
1x External AC Power Adapter; 1x IR Transmitter; 1x IR Receiver; 4x Mounting Brackets; 1x Quick Start Guide	

Note 1: *In most cases HDMI audio is not supported for resolutions between 1920x1080 and 3840x2160. For more information, please contact DVIGear Support.*
Note 2: *All specifications are subject to change without notice.*