

18Gbps HDBaseT 150m Extender with Audio De-embedded ED-150-TRA



**18Gbps HDBaseT 150m Extender
ED-150-TRA**

This 18Gbps HDMI Extender can extend high definition video signal, RS-232, bi-directional IR, and the distance is up to 492ft / 150 meters between transmitter and receiver via a single CAT cable. It supports resolution up to 4K2K@60Hz 4:4:4, 18Gbps and HDCP 2.2. One HDMI loop port is available for output. It also supports de-embedded audio for L/R audio output and PoC function. In addition, the extender is equipped with two-way IR pass-through which allows for source and display control.

FEATURES

- Compliant with HDMI2.0b, HDCP 2.2/1.x, and DVI 1.0 protocol
- Support video bandwidth 18 Gbps
- Video resolution is up to 4k2k@60Hz YUV 4:4:4
- High bit rate audio transmission via HDMI
- Extend HDMI up to 120m when 4K2K, 150m when 1080P @60Hz via CAT6/6a/7 cable
- Support POC functionality
- Support one HDMI loop output on the transmitter
- Bidirectional IR signal transmission
- RS-232 control signal passthrough
- The receiver supports audio de-embedding

SPECIFICATIONS

TECHNICAL	
HDCP Compliance	HDCP 2.2 / HDCP 1.4
Video Bandwidth	18Gbps
Video Resolution	4K2K 50/60Hz 4:4:4 4K2K 50/60Hz 4:2:2 4K2K 50/60Hz 4:2:0 4K2K 30Hz 4:4:4 1080p, 1080i, 720p, 720i, 480p, 480i All HDMI 3D TV formats All PC resolutions including 1920 x 1200
Color Space	RGB / YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12-bit (1080P60Hz, 4K30Hz, 4K60Hz YCbCr 4:2:2/4:2:0) 8-bit (4K60Hz 4:4:4)
HDMI 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
L/R Audio Formats	PCM 2.0
ESD Protection	Human body model - ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
CONNECTION	
Transmitter	Inputs: 1 x HDMI Type A [19-pin female] Output: 1 x HDMI Type A [19-pin female] 1 x HDBT OUT [RJ45, 8-pin female] Control: 1x IR IN [3.5mm Stereo Mini-jack] 1x IR OUT [3.5mm Stereo Mini-jack] 1x RS-232 [Phoenix jack] 1x SERVICE [Mini-USB, Update port]
Receiver	Inputs: 1x HDBT IN [RJ45, 8-pin female] Outputs: 1x HDMI Type A [19-pin female] 1x AUDIO OUT [3.5mm Stereo Mini-jack] Control: 1x IR IN [3.5mm Stereo Mini-jack] 1x IR OUT [3.5mm Stereo Mini-jack] 1x RS-232 [Phoenix jack] 1x SERVICE [Mini-USB, Update port]
MECHANICAL	
Power Supply	Input: AC 100 - 240V 50/60Hz Output: DC 24V/1A (Locking connector)
Power Consumption	9.36 W
Operating Temp.	32 - 104°F / 0 - 40°C
Housing	Metal Enclosure
Color	Black
Dimensions	Transmitter / Receiver:
Weight	140mm [W] x 65mm [D] x 18mm [H] Transmitter: 160g, Receiver: 155g

