



# EB-150FHD-TR

## HDMI 150m Extender over Cat5e/Cat6

**Built to Your Specification**

The HDMI Extender can extend HDMI signal over 500 feet/150 meters to an HDMI compatible display via single Cat5e/6 cable. It also supports bi-directional Infrared control signal and RS-232 transmission together with HDMI signal, it can allow you to easily control your DVD player at TV side or control your TV at the DVD player side when using this extender.



## FEATURES

- HDMI 1.4, HDCP 1.4 and DVI compliant
- Video resolutions up to 1080p@60Hz (YUV4:4:4)
- HDMI High Bit Rate(HBR) audio pass through
- 150 meters transmission distance over CAT5e/Cat6 cable
- POC (Power over Cable), either TX or RX is powered by one 24V@1A power supply
- Bi-directional infrared control signal transmission
- Bi-directional RS-232 signal transmission

## SPECIFICATIONS

Technical	
HDMI Compliance	HDMI 1.4
HDCP Compliance	HDCP 1.4
Video Bandwidth	225MHz
Video Resolutions	up to 1080P @60Hz YUV4:4:4, RGB4:4:4
Color Space	RGB, YUV4:4:4, YUV 4:2:2
Color Depth	8-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby True HD, DTS-HD Master Audio, Dolby Atmos, DTS:X
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	Transmitter: 1x HDMI Type A (19-pin female) 1x IR INPUT [3.5mm Stereo Mini-jack] 1x RS232 [Phoenix jack] Receiver: 1x HD BaseT In [RJ45] 1x IR INPUT [3.5mm Stereo Mini-jack] 1x RS232 [Phoenix jack]
Outputs	Transmitter: 1x HD BaseT Out [RJ45] 1x IR OUTPUT [3.5mm Stereo Mini-jack] Receiver: 1x HDMI Type A (19-pin female) 1x IR OUTPUT [3.5mm Stereo Mini-jack]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	115mm [W] x 64.7mm [D] x 17mm [H]
Weight	406g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	5.76W
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

