



# EB-150FHD-TR

## HDMI 150m Extender over Cat5e/Cat6



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

### TECHNICAL 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]<br>1x IR INPUT [3.5mm Stereo Mini-jack]<br>1x RS232 [Phoenix jack] |
|         | Receiver:    | 1x HD BaseT In [RJ45]<br>1x IR INPUT [3.5mm Stereo Mini-jack]<br>1x RS232 [Phoenix jack]          |
| Outputs | Transmitter: | 1x HD BaseT Out [RJ45]<br>1x IR OUTPUT [3.5mm Stereo Mini-jack]                                   |
|         | Receiver:    | 1x HDMI Type A [19-pin female]<br>1x IR OUTPUT [3.5mm Stereo Mini-jack]                           |

#### GENERAL

|                       |   |
|-----------------------|---|
| 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)   |



#### About VitBest

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