

HDMI® 150m Extender over HDBaseT™ w/ loop out

Extend high res. 1080p/60 w/ bi-directional IR & RS-232

MPN: EXT-HDBT150M



The **KanexPro EXT-HDBT150M** is a transmitter - receiver set which enables you to extend 1080p/60 HD signals up to 492 feet (150 meters) over single CAT6 cable using HDBaseT Technology. It supports HDCP 1.4 with EDID pass-through. The extender supports PoE (power over Ethernet) requiring you to power from either the sender or receiver side. Locking power supplies gives you the utmost flexibility and secures HDMI cables in place to eliminate intermittent signal loss or disconnected HDMI cables. For control, the extender offers IR support and RS-232C for bi-directional control of devices to and from the extender.

Applications:

As mentioned above, this extender can be used in any environment where there is a need to extend high-resolution HDMI signals up to 492 ft. (150m) from an HDMI device like a computer to a remote display located far away.

FEATURES

- Compact 150m HDMI extender over CAT6
- Extends up to 492ft. (150m) with full HD 1080p/60
- Local HDMI loop out on Tx (sender)
- Bi-directional PoE (power over Ethernet)
- HDCP 1.4 & EDID compliant
- IR input/output - embedded over CATx extension
- Dolby TrueHD & DTS Master Audio ready
- Supports uncompressed audio - LPCM
- Bi-directional RS-232 & IR control
- One locking power supply included

NOTE: Please use a CAT5e/6 cable with low impedance (Shielded twisted pair is recommended with proper grounding) for excellent transmission of AV signals.

SPECIFICATIONS

Inputs:

Transmitter:

- 1 x HDMI Type A (19-pin female)
- 1 x HDMI Type A (19-pin female) - For loop or local output
- 1 x IR INPUT (3.5mm Stereo Mini-jack)
- 1 x RS232 (Phoenix connector)

Receiver:

- 1 x HDBaseT in (RJ45)
- 1 x IR INPUT (3.5mm Stereo Mini-jack)
- 1 x RS232 (Phoenix jack)

Outputs:

Transmitter:

- 1 x HDBaseT Out (RJ45)
- 1 x HDMI Type A (19-pin female)
- 1 x IR OUTPUT (3.5mm Stereo Mini-jack)

Receiver:

- 1 x HDMI Type A (19-pin female)
- 1 x IR OUTPUT (3.5mm Stereo Mini-jack)

SPECIFICATIONS

Compliance:

- HDMI Compliance: HDMI 1.4
- HDCP Compliance: HDCP 1.4
- Video Bandwidth: 225MHz per channel
- 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

Mechanical:

- Chassis: Metal Enclosure
- ESD Protection - Human body model:
 - 38kV (air-gap discharge)
 - 34kV (contact discharge)
- Color: Black
- Dimensions: W: 5.51" x H: 2.55" x D: 0.70"
- Weight: 0.89 lbs. (406g)

Power & Temperature:

- Power Supply Input: AC100 - 240V 50/60Hz
- Output: DC 24V/1A (US/EU standards, CE/FCC/UL Certified)
- Power Consumption: 6W
- Operating Temperature: 32 - 104°F / 0 - 40°C
- Storage temperature -4 - 140°F / -20 - 60°C
- Relative Humidity 20 - 90% RH (no condensation)

Whats included in the box:

- 1 x HDMI Extender Transmitter
- 1 x HDMI Extender Receiver
- 1 x Wideband IR Emitter cable
- 1 x Wideband IR Receiver cable
- 1 x 24V/1A Power Adaptor
- 1 x User Manual

DIAGRAM

