

4K Compliant HDBaseT™ 100-Meter HDMI® Extender w/ PoE Support

Extend Uncompressed HDMI up to 330 feet with UltraHD 4K, Digital Audio & IR over single CAT6a

MPN: EXT-HD100MHBT



FEATURES

- Extend HDMI signals up to 330 ft. (100m) on single CAT6 cable
- Supports Power over Ethernet from Tx or Rx
- Infrared Signal Input/Output, embedded over extension
- Supports resolutions from 1080p/60@48bit
- 4K x 2K UHD resolutions
- High bandwidth up to 10.2 Gbps
- Enables 3D pass-through
- Supports CEC pass-through
- HDCP and EDID compliant
- Audio support: Dolby TrueHD & DTS Master Audio, 7.1 compliant
- Uncompressed audio support such as LPCM
- Front panel-LEDs for link activity and HDCP authentication
- One external power supply included

SPECIFICATIONS

Interface:

Transmitter:
Input: HDMI
Output: HDBaseT (Cat 5e/6)

Receiver:
Input: HDBaseT (Cat 5e/6)
Output: HDMI

Video Amplifier Bandwidth:

10.2 Gbps all channel

Vertical Frequency Range:

50/60Hz

Resolutions (HDTV):

480i, 576i, 480p, 576p, 720p, 1080i, 1080p, 4K at 30Hz/ 60Hz

Computer Resolution:

WUXGA (1920x1200)

Power:

12V DC@2A

Power Consumption:

9W (Maximum)

Regulatory Approvals:

Converter: FCC, CE, UL

Power Supply: FCC, CE, UL

Units:

Dimensions: 3.93"x2.5"x1.0" (100x65x25.5mm)

Weight: 0.37 lbs. (170g)

Warranty:

1 Year limited

The KanexPro Long-Runner employs HDBaseT technology to route high-resolution HDMI signals from the source up to 330 feet (100m) to your HD display.

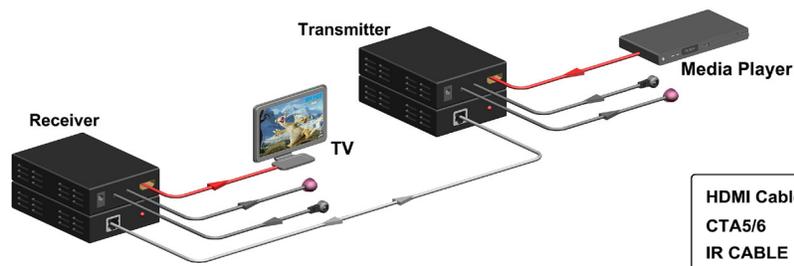
It supports resolutions up to 4Kx2K (4 times the 1080p), multi-channel audio and IR extension over a single low cost CAT5e/6 cable.

Fully compliant with HDCP, EDID and CEC controls, the Long-runner HDMI extender is an ideal solution for HDMI extension over long distances.

Please note: This extender supports power over Ethernet, from either the Tx side or Rx side, and comes with only one power supply.

HELPFUL TIPS & RECOMMENDATIONS:

- CAT-5 cables should not exceed 330 feet or (100m).
- Please adhere to the TIA/EIA568B standards when terminating network cables in the field.
- Shielded CAT5/6 with metal RJ-45 connectors are recommended to safeguard against random video flashes caused by electromagnetic interference (EMI).
- Do not use crossover cables, patch cables or Ethernet couplers to extend two CAT5 cables. This may damage the Tx & Rx.
- If the power LED indicator on the Tx/Rx unit is not on, check to make sure that the CAT5 cables are not crossed i.e., Ethernet to Link instead of Ethernet to Ethernet.



ABOUT KANEXPRO

KanexPro carries a broad selection of A/V connectivity products by leveraging the core strength in professional systems enabling you to broadcast, convert, extend, split, or multiply HD signal transmissions; simply and cost-effectively. KanexPro is a trademark. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and/or other countries. All other product or service names are the property of their respective owners.