

## UltraSlim 4K/30 HDMI® Receiver over HDBaseT™ - 230ft. (70m)

Extend 4K/30 up to 40m with  
bi-directional IR, RS-232 & PoH

**4K**  
ULTRA HD



MPN: EXT-HDBT70MRX

The **KanexPro EXT-HDBT70MRX** is an HDCP 2.2 compliant receiver - extender consisting of one HDMI output one Ethernet input and IR + RS-232 controls. It uses HDBaseT technology to transmit uncompressed, high-resolution 1080p/4K signals from transmitter to the receiver via a CAT5e/CAT6a cable at up to 70/40m. Moreover, EXT-HDBT70M supports CEC, bi-directional RS232 & IR control, and bi-directional PoH (power over HDBaseT) function.

### Applications:

Ideal for use in digital signage applications, healthcare AV, control rooms, educational facilities, airports, commanding centers and home theater.

## FEATURES

- UltraSlim point-to-point HDMI extender over HDBaseT
- Extend full HD 1080p up to 70m
- Extend 4K/30 up to 40m
- Supports Ultra HD 4K@30Hz resolutions &
- Video resolutions from 1080p/60@48bit
- Bi-directional PoH (power over HDBaseT)
- HDCP 2.2 and EDID compliant
- Bandwidth 10.2 Gbps
- Bi-directional RS-232 & IR control
- Supports CEC/IR/RS-232 pass-thru
- IR input/output - embedded over CATx extension
- Dolby TrueHD & DTS Master Audio ready
- Supports uncompressed audio - LPCM
- Includes separate mounting ears
- One locking power supply included
- Backed by KanexPro 3-year parts and labor warranty

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

## SPECIFICATIONS

### Receiver:

- Input Signal:
  - IR
  - RJ-45
  - RS232
- Input Connector:
  - 3.5mm mini jack
  - RJ-45
  - 3p captive screw connector
- Output:
  - HDMI
  - IR
  - RS232

## SPECIFICATIONS

- Output Connector
  - HDMI female
  - 3.5mm mini jack
  - 3-pin captive screw connector

### General:

- Resolution Range: 640x480@60Hz-4Kx2K@30Hz
- Transmission Mode: HDBaseT
- Transmission Distance: 1080p ≤ 70m; 4Kx2K ≤ 40m
- Bandwidth: 10.2Gbps
- HDMI Standards - Supports HDMI1.4 and HDCP2.2
  - Impedance: 75Ω
- Temperature: 0~ 50 C
- Humidity: 10% ~ 90%
- External Power Supply
  - Input: 100VAC-240VAC, 50/60Hz;
  - Output: DC 24V, 1.25A
- Power Consumption: 14w (max)
- Dimensions (W\*H\*D): 115mmx16.2mm x109mm
- Net Weight:
  - Transmitter: 193g (0.42 lbs)
  - Receiver: 196g (0.43 lbs)

