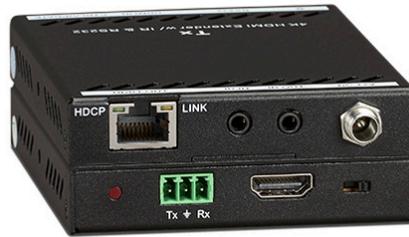


## 4K/30 HDMI® Extender over HDBaseT™

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

MPN: EXT-HDBT70C



The **KanexPro EXT-HDBT70C** an HDCP 2.2 compliant extender set consisting of a transmitter and receiver. It uses HDBaseT technology to transmit uncompressed, high-resolution 1080p/ 4K signals from transmitter to the receiver via a CAT5e/ CAT6a cable at a distance of up to 70/40m. Moreover, the extender set supports PoC (power over cable) from either side of the sender or receiver, CEC, bi- directional RS232 & IR control.

### Applications:

Perfect for home and residential applications where 4K video and audio can be distributed throughout the home. Digital signage applications, healthcare AV, control rooms, educational facilities, airports, commanding centers and home theater.

**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.

## FEATURES

- Basic point-to-point HDMI extender over HDBaseT
- Extend full HD 1080p up to 70m (231ft.)
- Extend 4K/30 up to 40m (131ft.)
- Supports Ultra HD 4K@30Hz resolutions &
- Video resolutions from 1080p/60@48bit
- Bi-directional PoH (power over cable)
- HDCP 2.2 & 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

## SPECIFICATIONS

### Transmitter:

#### Input Signal

HDMI, IR, RS232

#### Input Connector

HDMI female, 3.5mm mini jack, 3p captive screw connector

#### Output

RJ-45, IR, RS232

#### Output Connector

RJ-45, 3.5mm mini jack, 3-pin captive screw connector

#### Audio:

Digital audio transmit through HDMI audio

### Receiver:

#### Input Signal

IR, RJ-45, RS232

#### Input Connector

3.5mm mini jack, RJ-45, 3p captive screw connector

#### Output

HDMI, IR, RS232

### Output Connector

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

### General:

#### Resolution Range

640x480@60Hz-4K 2K@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: 214w (max)

#### Dimensions (W\*H\*D): 4.17' x 0.60" x 3.30"

#### Net Weight: 0.55 lbs (250g)

# DIAGRAM

