

HTE Tx / Rx

HDMI HDBaseT Extender

HDMI, RS-232, IR & Ethernet Extension with 3D, 4K & POE Support



The PureLink HTE is a transmitter and receiver set for long distance extension of HDMI video and embedded audio with bi-directional control signals (RS-232 and IR) over single CAT 5/6/7- type cable. It is designed on HDBaseT technology which allows full 3D support with up to 330ft (100m) at 4K2K (UHD) resolution. A compact and low profile enclosure makes the HTE ideal for extending HDMI video, embedded multi-channel audio, bi-directional control signal, and Ethernet to limited space environment such as behind a flat-panel display.

PureLink HTE is HDCP compliant and it enables the reliable, long distance extension of HDMI signals, supporting Deep Color and full 3D and embedded HD lossless audio formats. In addition, EDID and HDCP communication is being maintained between a source and display. Also, the HTE includes an RS-232 and IR insertion port, allowing bi-directional control of an AV device.

Features

- ♦ Zero loss & Zero noise delivery
- ♦ Compact and Robust enclosure design
- ♦ Designed based on HDBaseT Technology
- ♦ HDMI version 1.4 Support
- ♦ Controls signals including bi-directional RS-232 and IR function
- ♦ HDCP Support
- ♦ 10/100Mbps network Support
(Allow to connect the network TV or another internet devices)
- ♦ POE Support
(Only requires power on the Transmitter)

Specifications

- ♦ Data Rate: 10.2 Gbps
- ♦ Max Distance: Max 330ft (100m) at 4K2K @ 30Hz (UHD)
* Please use CAT6a/CAT7 cable for maximum distance transmission.
- ♦ RS-232 Connector: Tx : DB9 Female / Rx: DB9 male
- ♦ RS-232 Baud Rate: Up to 115200 bps / Full Duplex
- ♦ IR Carrier: 30~60Khz / $\pm 10^\circ$ / 5M / 2 Way
- ♦ Connector Type: HDMI 19pin Female / RJ-45
- ♦ Power Supply: DC 24V/1A Adapter
- ♦ Dimensions (W x D x H):
3.5" x 5.3" x 1.2" (88 x 135 x 30 mm)
- ♦ Weight: 0.66 lbs (0.3kg) each