

HTE III Tx/Rx 4K HDMI over HDBaseT Extension System



The **HTE III Tx/Rx** is a premium HDMI 2.0 HDBaseT extension system for Ultra HD/4K and HDR formats. The HTE III Tx/Rx supports 4K@60Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps with HDCP 2.2 compliance.

Individual units also available: [HTE III Transmitter](#) and [HTE III Receiver](#)

Key Features

- Supports resolutions up to 4K@60Hz (4:4:4)
- Supports HDR (High Dynamic Range) formats
- HDCP 2.2 compliant
- Extends HDMI up to 230 ft. (70m) at Ultra HD/4K and up to 330 ft. (100m) at 1080p
- Précis codec- visually lossless signal transmission
- High bandwidth support – up to 18 Gbps
- Supports BT.2020 color representation
- Bi-directional PoE (Power over Ethernet)
- Bi-directional RS232, IR & Ethernet extension
- CEC pass-through

Hardware

AUDIO LPCM 2/5.1/7.1 Ch, Dolby Digital+, Dolby TrueHD, Dolby Digital, Dolby Atmos, DTS:X, DTS-HD Master Audio, DTS 5.1

INPUT SIGNAL TYPE(S) TX: 1 x HDMI Type A [19-pin female]; 1 x Firmware [Mini USB]
RX: 1 x HDBaseT [RJ45]; 1 x Firmware [Mini USB]

OUTPUT SIGNAL TYPE(S) TX: 1 x HDBaseT [RJ45]
RX: 1 x HDMI Type A [19-pin female]

Performance

SUPPORTED DISTANCE up to 230 ft. (70m) at Ultra HD/4K and up to 330 ft. (100m) at 1080p

SUPPORTED RESOLUTIONS Ultra HD/4K up to 4096 x 2160 @50/60Hz
(RGB 4:4:4, YCbCr 4:4:4, 4:2:2, 4:2:0)

VIDEO BANDWIDTH 18 Gbps

COMPLIANCE HDMI 2.0, HDCP 2.2

RS-232 1 x RS232 [Phoenix connector]

IR EXTENSION 1 x IR input [3.5mm stereo mini-jack]; 1 x IR output [3.5mm stereo mini-jack]

POWER CONSUMPTION 24W (max)

POWER SUPPLY DC 24V/1A (US/EU standard, CE/FCC/UL certified)

HTE III Tx/Rx 4K HDMI over HDBaseT Extension System

OPERATING TEMPERATURE	32° ~ 117° F (0° to 47° C)
STORAGE TEMPERATURE	-4° ~ 140° F (-20° to 60° C)
RELATIVE HUMIDITY	0 ~ 90% non-condensing
MTBF	50,000 hours

Enclosure

RACK MOUNTING OPTION	Standard 19-inch rack-mountable design
PRODUCT DIMENSIONS	7.2" x 3.5" x 0.7" (183 x 88 x 18mm)
PRODUCT WEIGHT	1.0 lbs. (0.45 kg)

Warranty

WARRANTY	Limited Warranty (3-Years)
----------	----------------------------