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

### Enclosure

<table>
<thead>
<tr>
<th><strong>Enclosure</strong></th>
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<tbody>
<tr>
<td>RACK MOUNTING OPTION</td>
<td>Standard 19-inch rack-mountable design</td>
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<tr>
<td>PRODUCT DIMENSIONS</td>
<td>7.2'' x 3.5'' x 0.7'' (183 x 88 x 18mm)</td>
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<td>PRODUCT WEIGHT</td>
<td>1.0 lbs. (0.45 kg)</td>
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### Warranty

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<tr>
<th><strong>Warranty</strong></th>
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<tr>
<td>WARRANTY</td>
<td>Limited Warranty (3-Years)</td>
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### Specifications

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<tr>
<th><strong>Operating Temperature</strong></th>
<th>32° ~ 117° F (0° to 47° C)</th>
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<tbody>
<tr>
<td><strong>Storage Temperature</strong></td>
<td>-4° ~ 140° F (-20° to 60° C)</td>
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<tr>
<td><strong>Relative Humidity</strong></td>
<td>0 ~ 90% non-condensing</td>
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<tr>
<td><strong>MTBF</strong></td>
<td>50,000 hours</td>
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