Extend video and multi-channel audio from 8 HDMI video sources up to 328 feet away – supports 4K, 2K, 1080p, and 1920x1200 resolutions.

- Supports Ultra-HD 4Kx2K resolutions to 3840x2160 (30Hz) and 2096x2160 (30Hz), 2K resolution 2048x1080, HDTV resolutions to 1080p, and computer resolutions to 1920x1200.
  - With CAT6/6a/7 (23 AWG): 328 feet.
  - With CAT5e (24 AWG): 250 feet.
- Each input is directly connected to a corresponding output – point-to-point extension.
  - Input 1 is connected to output 1, input 2 is connected to output 2, etc.
- HDCP compliant.
- Supports Power over Ethernet (PoE) – power supply not required at the remote unit.
- HDMI features supported:
  - 4K x 2K - 3840x2160 and 4096x2160 resolutions
  - 24/36-bit Deep Color
  - x.v.Color
  - Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, DTS 7.1 and LPCM
  - 3D
  - Bandwidth up to 300 MHz (10.2 Gbps)
  - Support for CEC (consumer electronic control) compatible devices
  - Lip Sync
- No loss of audio or video quality between the transmitter and remote units.
- Reads EDID from the connected display.
- Compact 1RU design.
  - Rack mount kit included.

**Specifications**

**ST-C64K-HDBT-L8-R**

- Eight female HDMI input connectors.
- Eight female RJ45 HDBase-T connectors for sending high definition video, audio, and DDC signals.
- Supported video resolutions:
  - Ultra-HD 4Kx2K resolutions (3840x2160 @ 30Hz, 4096x2160 @ 30Hz)
  - 2K Cinema (2048x1080 @ 60Hz)
  - HDTV resolutions to 1080p
  - Computer resolutions to 1920x1200

**Dimensions**

- WxDxH (in): 17x7.05x1.75 (432x179x44mm)
- Rack mount kit included

**Power**

- 100 to 240 VAC at 50 or 60 Hz via AC adapters (country-specific power cord included).

**Environmental**

- Operating temperature: 32 to 104°F (0 to 40°C).
- Storage temperature: -4 to 140°F (-20 to 60°C).
- Operating and storage relative humidity: 20 to 90% non-condensing RH.

**Remote Unit (Receiver)**

**Video Output**

- Supported video resolutions:
  - Ultra-HD 4Kx2K resolutions (3840x2160 @ 30Hz, 4096x2160 @ 30Hz)
  - 2K Cinema (2048x1080 @ 60Hz)
  - HDTV resolutions to 1080p
  - Computer resolutions to 1920x1200
- One female HDMI output connector.
- One female RJ45 HDBase-T connector for sending receiving high definition video, audio, and DDC signals.

**Dimensions**

- WxDxH (in): 4.02x4.53x0.98 (102x115x25 mm)

**Power**

- Powered by the transmitter via Power over Ethernet (PoE).

**Environmental**

- Operating temperature: 32 to 104°F (0 to 40°C)
- Storage temperature: -4 to 140°F (-20 to 60°C)
- Operating/storage relative humidity: 20 to 90% non-condensing RH.

**Regulatory Approvals**

- CE, FCC, RoHS
- TAA compliant

**Max Distance**

- 250 feet (76 meters) over CAT5e cable (24 AWG).
- 28 feet (100 meters) over CAT6/6a/7 cable (23 AWG).
Multiple HDMI Extender Over HDBase-T with PoE

Configure and Cable Illustration

Remote HDTVs with HDMI Input

<table>
<thead>
<tr>
<th>Display-1</th>
<th>Display-2</th>
<th>Display-3</th>
<th>Display-4</th>
<th>Display-5</th>
<th>Display-6</th>
<th>Display-7</th>
<th>Display-8</th>
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<tr>
<td>1080p</td>
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ST-C64K9GB-R-HDBT (Remote Units)

<table>
<thead>
<tr>
<th>HDMI Sources</th>
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<tbody>
<tr>
<td>Video Source-1</td>
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<tr>
<td>Video Source-2</td>
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<tr>
<td>Video Source-3</td>
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<tr>
<td>Video Source-4</td>
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<td>Video Source-5</td>
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<td>Video Source-6</td>
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<tr>
<td>Video Source-7</td>
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<tr>
<td>Video Source-8</td>
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</tbody>
</table>

HD-xx-MM cables
CAT6/6a/7 cables (up to 328 feet)

ST-C64K-HDBT-L8-R (Extender Unit)

HDMI HBase-T PoE Receivers

HBase-T PoE Transmitter/Receiver

<table>
<thead>
<tr>
<th>NTI Part#</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ST-C64K-HDBT-L8-R</td>
<td>8 HDMI HBase-T Transmitters in 1RU</td>
</tr>
<tr>
<td>ST-C64K9GB-R-HDBT</td>
<td>HDMI, HBase-T Power over Ethernet Receiver</td>
</tr>
</tbody>
</table>

HD-xx-MM, PoE Receivers

Regulatory Approvals:
- CE, FCC, RoHS

Warranty
- Two years

Package Includes
- One Multiple HDMI Extender
- One 24V power supply
- User manual
- Mounting tabs

Cables
- Use HD-xx-MM or DVI-HD-xx-MM cable to connect an HDMI or DVI source or display.
- 8-bit resolution: up to 33 ft (10 m).
- 12-bit resolution: up to 20 ft (6 m).
- Use CAT5e/6/6a/7 solid straight through cables for TIA/EIA 568B wiring terminated with standard RJ45 connectors.
  - CAT5e (24 AWG): up to 250 feet.
  - CAT6/6a/7 (23 AWG): up to 328 feet.
- Cables not included.

Specifications (continued)

Extended video and multi-channel audio from 8 HDMI video sources up to 328 feet away – supports 4K, 2K, 1080p, and 1920x1200 resolutions.