

HDBaseT HDMI over Cat5e/6/6a Extender Transceiver, Serial and IR Passthrough, 4K x 2K 30 Hz UHD / 1080p 60 Hz, Up to 328 ft. (100 m)

MODEL NUMBER: BHDBT-TR-SI-LR



Transmits uncompressed HDMI video and audio, RS-232 serial and IR remote control signals over a single Cat5e/6/6a cable up to 328 feet to projectors, monitors or televisions in a chain.

Features

Extends and Expands Your HDBaseT Installation

- Extends an Ultra High Definition (UHD) 4096 x 2160 or 3840 x 2160 (4K x 2K) @ 30 Hz signal up to 328 feet (100 m)
- Extends a High Definition 1920 x 1080 (1080p) @ 60 Hz signal up to 328 feet (100 m)
- Connects to next link in the chain with just one Cat5e/6/6a cable
- Add up to 5 transceivers to further expand the range of your installation up to 2,000 feet (600 m) with a monitor attached to each transceiver
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio
- Supports 36-bit Deep Color (12 bits per channel), CEC passthrough, 3D video, EDID and HDCP

Allows RS-232 and IR Control Passthrough

- Passes through RS-232 serial signals at 115 Kbps full-duplex baud rates for devices such as scanners and touchscreen monitors
- Passes through IR remote control signals so you can operate your Blu-ray player with its remote while standing at the remote monitor (and vice versa)

Easy to Set Up and Use

- Plug-and-play engineering means no software or drivers to download and install
- Inserts quickly between transmitter and receiver in Tripp Lite HDBaseT installation
- Included mounting hardware lets you install each unit on a wall, rack or pole
- Locking HDMI ports (ideal for use with Tripp Lite's P569-006-LOCK HDMI cables) prevent cables from coming loose or disconnected, ensuring an intact signal

TAA-Compliant

Highlights

- Extends and expands your Tripp Lite HDBaseT installation
- Connects multiple monitors at different links in a chain
- Extends both a 4096 x 2160 and 3840 x 2160 (4K x 2K) @ 30 Hz signal up to 328 feet (100 m)
- Extends a 1080p @ 60 Hz signal up to 328 feet (100 m)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD

Package Includes

- BHDBT-TR-SI-LR HDBaseT HDMI over Cat5e/6/6a Extender Transceiver
- External Power Supply with NEMA 1-15P Plug (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 3A)
- Mounting hardware
- Owner's Manual

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

| OVERVIEW | |
|--------------------------------------|---|
| UPC Code | 037332187055 |
| Product Type | Transceiver |
| Technology | HDBaseT; HDMI; IR; Cat5/5e; Cat6 |
| VIDEO | |
| Max Supported Video Resolution | 3840 x 2160 (4K @ 30Hz) |
| Max 720P Range (ft) | 328 |
| Max 1080P Range (ft) | 328 |
| Max 1280 x 720 (720p) Range (ft) | 328 |
| Max 1920 x 1080 (1080p) Range (ft) | 328 |
| Max 1920 x 1200 Range (ft) | 328 |
| Max 2560 x 1600 Range (ft) | 328 |
| Max 3840 x 2160 (4K@30Hz) Range (ft) | 328 |
| Receiver/Transceiver Video Output | HDMI |
| Receiver - Number of Video Outputs | 1 |
| Recommended Cabling | HDMI |
| Max Supported Color Depth | 36-bit Deep Color |
| HDR Support | No |
| 3D Video Supported | Yes |
| Maximum Signal Range (ft) | 328 |
| Maximum Signal Range (m) | 100 |
| AUDIO | |
| Audio Input | HDMI |
| Audio Output | HDMI |
| Audio Specification | 7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD |
| INPUT | |
| Bus Powered | No |
| POWER | |

| | |
|--|--|
| Power Source Type | AC Adapter |
| External Power Supply Plug(s) | NEMA 1-15P North America |
| External Power Supply Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 0.5A |
| External Power Supply Output Specs (V / A) | 5V / 3A |
| External Power Supply Cord Length (ft.) | 4.5 |
| External Power Supply Cord Length (m.) | 1.4 |
| AC Plug Type | NEMA 1-15P |
| Power Source | Unit (Included) |
| Power Over Cable (PoC) Support | No |
| AC Adapter | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A |
| DC Barrel Plug | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | GREEN UNIT LED INDICATES POWER / GREEN RJ45 LED's INDICATE HDCP IS WORKING / ORANGE UNIT LEDS INDICATE HDMI OUTPUT CONNECTION, RJ45 OUTPUT CONNECTION, AND RJ45 INPUT CONNECTION / ORANGE RJ45 LED's INDICATE HDBASET LINK |
| PHYSICAL | |
| Color | Black |
| Included Mounting Accessories | Wallmount |
| Number of Displays | 1 |
| Optional Mounting Accessory Notes | Can DIN Mount using Tripp Lite Bracket B110-DIN-02 |
| Form Factor/Mounting Options | Box; Wall-mount |
| Receiver Unit Dimensions (hwd / in.) | 1.2 x 5 x 4 |
| Receiver Unit Weight (lbs.) | 1 |
| Shipping Dimensions (hwd / in.) | 2.20 x 8.40 x 6.50 |
| Shipping Dimensions (hwd / cm) | 5.59 x 21.34 x 16.51 |
| Shipping Weight (lbs.) | 1.34 |
| Shipping Weight (kg) | 0.61 |
| Unit Dimensions (hwd / in.) | 1.200 x 5.000 x 4.000 |
| Unit Packaging Type | Box |
| Unit Weight (lbs.) | 1 |
| Unit Weight (kg) | 0.45 |
| Unit Weight Details | 1lb. |
| Housing | Metal |

| ENVIRONMENTAL | |
|--|---------------------------|
| Operating Temperature Range | 32 to 104 F (0 to 40 C) |
| Storage Temperature Range | -4 to 140 F (-20 to 60 C) |
| Relative Humidity | 20 to 90% |
| Operating Humidity Range | 20 to 90% |
| Storage Humidity Range | 20 to 90% |
| COMMUNICATIONS | |
| Max 1024 x 768 Range (ft) | 328 |
| Max 480P Range (ft) | 328 |
| Max 1440 x 900 Range (ft) | 328 |
| Max 1080i Range (ft) | 328 |
| Max 1920 x 1440 Range (ft) | 328 |
| Max 4K UHD Range (ft) | 328 |
| Max 480i Range (ft) | 328 |
| Max 640 x 480 Range (ft) | 328 |
| Max 800 x 600 Range (ft) | 328 |
| Max 1600 x 1200 Range (ft) | 328 |
| Max 2048 x 1536 Range (ft) | 328 |
| EDID Compatible | Yes |
| IR Remote Extension Support | Yes |
| RS-232 Serial Extension Support | Yes |
| Consumer Electronics Control (CEC) Supported | Yes |
| USB Extension Support | No |
| CONNECTIONS | |
| Number of Ports | 0 |
| Side A - Connector 1 | HDMI (FEMALE) |
| Side B - Connector 1 | (2) RJ45 (FEMALE) |
| FEATURES & SPECIFICATIONS | |
| 10/100 Ethernet Extension Support | No |
| Built-In Equalizer | No |
| HDCP Specification | 1.4 |
| Driver Required | No |

TRIPP-LITE

by **EAT•N**

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Cleveland, OH 44122
United States

| STANDARDS & COMPLIANCE | |
|--------------------------------------|--|
| External Power Supply Certifications | UL; cUL; RoHS; FCC |
| Product Compliance | RoHS; REACH; FCC (USA); Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |

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