

HDBaseT HDMI over Cat5e/6/6a Extender Receiver, Serial and IR, 4K x 2K UHD/1080p, Up to 500 ft. (150 m), TAA

MODEL NUMBER: BHDBT-R-SI-ER



Works with a Tripp Lite HDBaseT matrix transmitter to extend uncompressed HDMI video and audio, RS-232 serial and IR remote control signals over a Cat5e/6/6a cable up to 500 ft. to a projector, monitor or television.

Description

The BHDBT-R-SI-ER HDBaseT Extender Receiver works in tandem with the Tripp Lite BHDBT-Series matrix transmitter in your HDBaseT installation to extend uncompressed HDMI video and audio, RS-232 serial and IR remote control signals.

Using a single Cat5e/6/6a cable, the BHDBT-R-SI-ER can extend a 1920 x 1080 (1080p) signal up to 500 feet (150 m). To further extend and expand your installation, you can insert up to five BHDBT-TR-SI-ER Extender Transceivers between the receiver and transmitter for a total range up to 3,000 feet (1080p) with a monitor connected to each transceiver.

You can control RS-232 serial devices, such as touchscreen displays or scanners, at baud rates up to 115 Kbps. The 2-way IR Remote Control feature (@ 39 KHz) lets you also control your Blu-ray player using its remote when at the remote monitor and vice versa. The monitor connects to the rear locking HDMI port (ideal for use with Tripp Lite's P569-006-LOCK High-Speed HDMI cables with locking connectors) that prevents the cable from coming loose or undone, ensuring an intact signal.

The BHDBT-R-SI-ER supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio, as well as 3D video, EDID and HDCP. Included mounting hardware lets you attach the receiver to a wall, rack or pole. Sets up quickly with no software to download or install.

Features

Supports the Latest Video and Audio Applications

Highlights

- Extends a 1080p @ 60 Hz signal up to 500 ft. (150 m)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Locking HDMI port ensures an intact signal
- Mounts easily to wall, rack or pole
- Plug and play—no software or drivers to install

Package Includes

- BHDBT-R-SI-ER HDBaseT HDMI over Cat5e/6/6a Extender Receiver
- IR-IN cable
- IR-OUT cable
- 3.5 mm Male to DB9 Female adapter cable
- 3.5 mm Male to DB9 Male adapter cable
- External Power Supply with NEMA 1-15P Plug (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 3A)
- Mounting hardware
- Owner's Manual



- Connects to Tripp Lite BHDBT-Series matrix transmitter with a single Cat5e/6/6a cable
- Extends a High Definition 1920 x 1080 (1080p) @ 60 Hz signal up to 500 ft. (150 m)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio
- Supports 36-bit Deep Color (12 bits per channel), CEC pass-through, 3D video, EDID and HDCP
- Add up to 5 BHDBT-TR-SI-ER Extender Transceivers to further expand the range of your installation up to 3,000 ft. (1080p) with a monitor attached to each transceiver

Allows You to Control Other Devices

- 2-way 39 KHz IR Remote Control functionality lets you control your Blu-ray player with its remote while standing at the remote monitor (and vice versa)
- RS-232 serial port supports 115 Kbps full-duplex baud rates for devices such as scanners and touchscreen monitors

Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install
- Included mounting hardware lets you install each unit on a wall, rack or pole
- Locking HDMI port (ideal for use with Tripp Lite's P569-006-LOCK HDMI cables) prevents cable from coming loose or disconnected, ensuring an intact signal

TAA-Compliant

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

Specifications

| OVERVIEW | |
|---------------------------------|--|
| UPC Code | 037332187031 |
| AC Adapter | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A |
| Technology | HDBaseT; HDMI (All types); Serial (RS232); IR |
| PHYSICAL | |
| Shipping Dimensions (hwd / in.) | 2.200 x 8.400 x 6.500 |
| Shipping Dimensions (hwd / cm) | 5.59 x 21.34 x 16.51 |
| Shipping Weight (lbs.) | 1.3400 |
| Shipping Weight (kg) | 0.61 |
| Unit Dimensions (hwd / in.) | 1.1 x 4.5 x 2.5 |
| Included Mounting Accessories | Y |
| Color | Black |
| Unit Weight Details | 0.55lbs |



| ENVIRONMENTAL | |
|--------------------------------------|---------------------------|
| Operating Temperature Range | 0 to 40 C (32 to 104 F) |
| Storage Temperature Range | -20 to 60 C (-4 to 140 F) |
| Relative Humidity | 20 to 90% |
| COMMUNICATIONS | |
| Max 1024 x 768 Range (ft) | 500 |
| Max 480P Range (ft) | 500 |
| Max 1440 x 900 Range (ft) | 500 |
| Max 1080i Range (ft) | 500 |
| Max 1080P Range (ft) | 500 |
| Max 480i Range (ft) | 500 |
| Max 640 x 480 Range (ft) | 500 |
| Max 800 x 600 Range (ft) | 500 |
| Max 1600 x 1200 Range (ft) | 500 |
| Max 720P Range (ft) | 500 |
| CONNECTIONS | |
| Ports | 1 |
| Side A - Connector 1 | HDMI (FEMALE) |
| Side B - Connector 1 | RJ45 (FEMALE) |
| FEATURES & SPECIFICATIONS | |
| IR Remote Extension Support | Yes |
| RS-232 Serial Extension Support | Yes |
| 10/100 Ethernet Extension Support | No |
| CERTIFICATIONS | |
| Approvals | CE, FCC, RoHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |

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