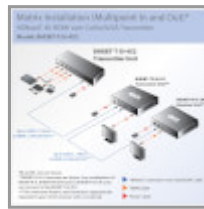


## HDBaseT HDMI over Cat5/6/6a Extender, Matrix Transmitter, Serial and IR, 4K x 2K 30 Hz UHD / 1080p 60 Hz, 4 Input, 2 Output, Up to 500 ft. (152 m), TAA

MODEL NUMBER: **BHDBT-T-SI-4X2**



Works with a Tripp Lite HDBaseT receiver 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 dual projectors, monitors or televisions.

### Features

#### Supports the Latest Video and Audio Applications

- Connects to Tripp Lite BHDBT-Series receivers and transceivers with a single Cat5e/6/6a cable
- Extends a High Definition 1920 x 1080 (1080p) @ 60 Hz signal up to 500 ft. (150 m)\*\*\*
- Extends an Ultra High Definition (UHD) 4096 x 2160 or 3840 x 2160 (4K x 2K) @ 30Hz signal up to 328 ft. (100 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-Series Extender Transceivers to further expand the range of your installation up to 3,000 ft. (1080p) with a monitor attached to each transceiver\*\*\*

#### Features 4 HDMI Input Ports and 2 RJ45 Output Ports

- Can route any source to either display or the same source to both displays
- Control inputs and outputs using unit pushbuttons, included remote control or via your computer's Terminal Emulation Software

#### 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)

### Highlights

- Features 4 HDMI input ports and 2 RJ45 output ports
- Supports video resolutions up to 4096 x 2160 and 3840 x 2160 (4K x 2K) @ 30Hz\*
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Mounts easily to wall, rack or pole
- Plug and play—no software or drivers to install

### Package Includes

- BHDBT-T-SI-4X2 HDBaseT HDMI over Cat5e/6/6a 4x2 Extender Matrix Transmitter
- Remote control
- IR extension cable
- 3.5 mm Male to DB9 Female 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



- 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 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

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

## Specifications

| OVERVIEW                             |  |
|--------------------------------------|--|
| UPC Code                             | 037332187000                                     |
| Product Type                         | Transmitter                                      |
| AC Adapter                           | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A   |
| Technology                           | HDBaseT; HDMI; Serial (RS232); IR; Cat5/5e; Cat6 |
| VIDEO                                |  |
| Max Supported Video Resolution       | 3840x2160 (4K @ 30Hz)                            |
| Max 720P Range (ft)                  | 500  |
| Max 1080P Range (ft)                 | 500  |
| Max 1280 x 720 (720p) Range (ft)     | 500  |
| Max 1920 x 1080 (1080p) Range (ft)   | 500  |
| Max 1920 x 1200 Range (ft)           | 500  |
| Max 2560 x 1600 Range (ft)           | 328  |
| Max 3840 x 2160 (4K@30Hz) Range (ft) | 328  |
| Transmitter Video Input              | HDMI   |
| Recommended Cabling                  | HDMI   |
| Max Supported Color Depth            | 36-bit Deep Color                                |
| HDR Support                          | No   |
| 3D Video Supported                   | Yes  |
| Maximum Signal Range (ft)            | 500  |



|   |  |
|---|--|
| Maximum Signal Range (m)                        | 152  |
| <b>AUDIO</b>                                    |  |
| Audio Input                                     | HDMI   |
| Audio Output                                    | HDMI   |
| Audio Specification                             | 7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD  |
| <b>POWER</b>                                    |  |
| Power Source                                    | Unit (Included)                                      |
| Power Source Type                               | AC Adapter   |
| AC Plug Type                                    | NEMA 1-15P   |
| 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  |
| External Power Supply DC Barrel Connector Specs | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve |
| External Power Supply Certifications            | UL; cUL; RoHS; FCC                                   |
| Power Over Cable (PoC) Support                  | No   |
| <b>PHYSICAL</b>                                 |  |
| Color   | Black  |
| Included Mounting Accessories                   | Wallmount  |
| Number of Displays                              | 4  |
| Form Factor/Mounting Options                    | Box; Wall-mount                                      |
| Shipping Dimensions (hwd / cm)                  | 5.59 x 35.31 x 16.51                                 |
| Shipping Dimensions (hwd / in.)                 | 2.20 x 13.90 x 6.50                                  |
| Shipping Weight (kg)                            | 1.81   |
| Shipping Weight (lbs.)                          | 4.00   |
| Transmitter Unit Dimensions (hwd / in.)         | 1.7 x 17.3 x 4.7                                     |
| Transmitter Unit Weight (lbs.)                  | 3.5  |
| Unit Dimensions (hwd / in.)                     | 1.2 x 9.3 x 3.9                                      |
| Unit Packaging Type                             | Box  |
| Unit Weight (kg)                                | 1.59   |



|  |                           |
|--|---------------------------|
| Unit Weight (lbs.)                           | 3.5                       |
| Unit Weight Details                          | 3.5lbs                    |
| Housing                                      | Metal                     |
| <b>ENVIRONMENTAL</b>                         |                           |
| 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%                 |
| Operating Humidity Range                     | 20 to 90%                 |
| Storage Humidity Range                       | 20 to 90%                 |
| <b>COMMUNICATIONS</b>                        |                           |
| 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 1920 x 1440 Range (ft)                   | 328                       |
| Max 4K UHD Range (ft)                        | 328                       |
| 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                       |
| EDID Compatible                              | Yes                       |
| IR Remote Extension Support                  | Yes                       |
| RS-232 Serial Extension Support              | Yes                       |
| Consumer Electronics Control (CEC) Supported | Yes                       |
| USB Extension Support                        | No                        |
| <b>CONNECTIONS</b>                           |                           |
| Ports  | 4                         |
| Side A - Connector 1                         | (4) HDMI (FEMALE)         |
| Side A - Connector 2                         | DB9 (FEMALE)              |
| Side B - Connector 1                         | (2) RJ45 (FEMALE)         |
| <b>FEATURES &amp; SPECIFICATIONS</b>         |                           |
| HDCP Specification                           | 1.4                       |



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|                                     |                            |
|-------------------------------------|----------------------------|
| Driver Required                     | No                         |
| Built-In Equalizer                  | No                         |
| <b>STANDARDS &amp; COMPLIANCE</b>   |                            |
| Certifications                      | Tested to FCC, RoHS, REACH |
| Approvals                           | CE, FCC, RoHS, REACH       |
| <b>WARRANTY</b>                     |                            |
| Product Warranty Period (Worldwide) | 1-year limited warranty    |

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