

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 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) @ 30 Hz 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 push buttons, 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)
- 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

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

- Included mounting hardware lets you install each unit on a wall, rack or pole
- Locking HDMI ports (ideal for use with 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 | Splitter; Extender Kit |
| Technology | HDBaseT; HDMI; IR; Cat5/5e; Cat6 |
| Host Connector | (4) HDMI (FEMALE) |
| VIDEO | |
| Max Supported Video Resolution | 3840 x 2160 (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 |
| AUDIO | |
| Audio Input | HDMI |
| Audio Output | HDMI |
| Audio Specification | 7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD |

| INPUT | |
|---|--|
| AC Power Adapter Plug(s) | NEMA 1-15P North America |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 0.5A |
| AC Power Adapter Output Specs (V / A) | 5V / 3A |
| AC Power Adapter Cord Length (ft.) | 4.5 |
| AC Power Adapter Cord Length (m) | 1.4 |
| Bus Powered | No |
| POWER | |
| Power Source Type | AC Adapter |
| 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 |
| CONNECTIONS | |
| Number of Ports | 4 |
| Side A - Connector 1 | (4) HDMI (FEMALE) |
| Side A - Connector 2 | DB9 (FEMALE) |
| Side B - Connector 1 | (2) RJ45 (FEMALE) |
| Input x Output | 4 x 2 |
| Daisy-chainable / Cascadable | No |
| PHYSICAL | |
| Color | Black |
| Cable Length (ft.) | 0 |
| Cable Length (m) | 0.00 |
| Included Mounting Accessories | Wallmount |
| Number of Displays | 4 |
| Form Factor/Mounting Options | Box; Wall-mount |
| Rackmountable | Yes |
| Shipping Dimensions (hwd / in.) | 2.20 x 13.90 x 6.50 |
| Shipping Dimensions (hwd / cm) | 5.59 x 35.31 x 16.51 |
| Shipping Weight (lbs.) | 4.00 |
| Shipping Weight (kg) | 1.81 |



Powering Business Worldwide



| | |
|--|-----------------------------|
| Transmitter Unit Dimensions (hwd / in.) | 1.7 x 17.3 x 4.7 |
| Transmitter Unit Weight (lbs.) | 3.5 |
| Unit Dimensions (hwd / in.) | 1.200 x 9.300 x 3.900 |
| Unit Packaging Type | Box |
| Unit Weight (lbs.) | 3.5 |
| Unit Weight (kg) | 1.59 |
| Unit Weight Details | 3.5lbs |
| 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) | 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 |
| FEATURES & SPECIFICATIONS | |
| 10/100 Ethernet Extension Support | No |
| MST Support | No |



Powering Business Worldwide



| | |
|--------------------------------------|--|
| Built-In Equalizer | No |
| HDCP Specification | 1.4 |
| Driver Required | No |
| 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 |

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

© 2024 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.