

HDBaseT HDMI over Cat5e/6/6a Extender 4X2 Matrix Transmitter with Serial and IR Control, 4Kx2K UHD / 1080p, 4 Input, 2 Output

MODEL NUMBER: BHDBT-T-SI-4X2



Description

Tripp Lite's BHDBT-T-SI-4X2 HDBaseT HDMI over Cat5e/6/6a Extender 4X2 Matrix Transmitter works with Tripp Lite receiver units to extend uncompressed HDMI video and audio, RS-232 serial and IR remote control signals to two projectors, monitors or televisions. It features 4 input ports and 2 output ports, allowing you to route any source to either display, or the same source to both displays. Choose which sources are seen on which displays using the pushbuttons on the unit, or the included remote control. The transmitter also includes a serial adapter cable for connecting to the serial port on a computer, allowing you to use Terminal Emulation Software to control the transmitter.

It can extend an Ultra High Definition(UHD) 3840 x 2160(4K x 2K) video signal up to 328-ft.(100M)*, or a 1920 x 1080(1080p) HD video signal up to 500-ft.(150M)*. To further extend and expand your installation, transceiver units can be inserted in between the transmitter and receiver, extending the signal up to an additional 500-ft*, and adding an additional monitor at the transceiver location. Insert up to 5 transceivers into each channel of your installation, for a maximum possible extension distance of 2,000-ft.(4K x 2K)* or 3,000-ft.(1080p)*, and a maximum number of 6 monitors, to a chain.

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

The BHDBT-T-SI-4X2 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 each unit to a wall, rack or pole. There's no software to download or install; you can have it set up and ready to go quickly. Compliant with the Federal Trade Agreements Act(TAA) for GSA Schedule purchases.

Highlights

- For use with Tripp Lite HDBaseT receiver units([BHDBT-R-SI](#), [BHDBT-R-SI-ER](#), [BHDBT-R-SI-LR](#))
- Features 4 input ports and 2 output ports; route any source to either display, or the same source to both displays
- Supports video resolutions up to UHD 3840 x 2160(4K x 2K)*
- Extends HDMI video and audio, RS-232 serial, and IR control up to 500-ft.(150M)*
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD

**Max supported extension distance and video resolutions depend on the receivers being used. See the receiver unit web pages for details.*

Package Includes

- BHDBT-T-SI-4X2 HDBaseT HDMI over Cat5e/6/6a Extender 4X2 Matrix Transmitter
- Remote Control
- IR Extension Cable
- 3.5 mm Male to DB9 Female adapter cable
- External power supply (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V, 3A)
- Mounting hardware
- Owner's Manual



*Max supported extension distance and video resolution depend on the receivers and/or transceivers being used. See the receiver([BHDBT-R-SI](#), [BHDBT-R-SI-ER](#), and [BHDBT-R-SI-LR](#)) and/or transceiver([BHDBT-TR-SI](#), [BHDBT-TR-SI-ER](#), and [BHDBT-TR-SI-LR](#)) web pages for details.

Features

Supports the Latest Video and Audio Applications

- Works with Tripp Lite HDBaseT receivers to extend a UHD 4K x 2K video signal up to 328-ft,* or a 1080p signal up to 500-ft.*
- Features 4 input ports and 2 output ports; route any source to either display, or the same source to both displays
- Control the transmitter inputs/outputs using the pushbuttons on the unit, the included remote control, or via a computer's Terminal Emulation Software
- Connects to transceiver or receiver units via a single Cat5e/6/6a cable
- Insert up to 5 transceivers into each channel of your installation to further expand the range up to 2,000-ft.(4K x 2K)* or 3,000-ft.(1080p)*
- 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 2.0

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 serial devices such as scanners and touchscreen monitors

Easy to Set Up and Use

- Plug-and-play engineering means 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(for use with Tripp Lite HDMI cables with Locking connectors, such as [P569-006-LOCK](#)) 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

*Max supported extension distance and video resolution depend on the receivers and/or transceivers being used. See the receiver([BHDBT-R-SI](#), [BHDBT-R-SI-ER](#), and [BHDBT-R-SI-LR](#)) and/or transceiver([BHDBT-TR-SI](#), [BHDBT-TR-SI-ER](#), and [BHDBT-TR-SI-LR](#)) web pages for details.

Specifications

OVERVIEW	
Display Style	Extender; Switch
Cable Type	HDMI; UTP (Cat5, Cat5e, Cat6, Cat6a)
PHYSICAL	
Unit Dimensions (hwd / in.)	1.2 x 9.3 x 3.9
Included Mounting Accessories	Y
Color	Black
Unit Weight Details	3.5lbs
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%
CONNECTIONS	
Connector A	HDMI (FEMALE) (X4)
Connector B	RJ45 (FEMALE) (X2)
Connector C	3.5MM (FEMALE) (X14)
Ports	6
SPECIAL FEATURES	
Chromebook Compatible	Yes
CERTIFICATIONS	
Approvals	CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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