



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.triplite.com

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



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- 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
Signal Range (ft)	328
Signal Range (m)	100
Recommended Cabling	HDMI
Max Supported Color Depth	36-bit Deep Color
3D Video Supported	Yes



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AUDIO	
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD
POWER	
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
PHYSICAL	
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



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Housing	Metal
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%
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
CONNECTIONS	
Ports	4
Side A - Connector 1	(4) HDMI (FEMALE)
Side A - Connector 2	DB9 (FEMALE)
Side B - Connector 1	(2) RJ45 (FEMALE)
FEATURES & SPECIFICATIONS	
HDCP Specification	1.4
Driver Required	No
Built-In Equalizer	No



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STANDARDS & COMPLIANCE	
Certifications	Tested to FCC, RoHS, REACH
Approvals	CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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