

HDBaseT Class B (HDBaseT-Lite) HDMI over Cat5e/6/6a Extender Transceiver, Serial and IR, 4K x 2K @ 24/30 Hz UHD / 1080p @ 60 Hz, Up to 230 ft. (70 m), TAA

MODEL NUMBER: **BHDBT-TR-SI**



Description

Insert the BHDBT-TR-SI HDBaseT Class B (HDBaseT-Lite) HDMI over Cat5e/6/6a Extender Transceiver between the transmitter and receiver units in your Tripp Lite HDBaseT Class B installation to extend the range of your signal. Connect its HDMI port to a projector, monitor or television to expand your installation.

Using a single Cat5e/6/6a cable, the BHDBT-TR-SI transmits uncompressed HDMI audio and video, RS-232 serial and IR control signals up to 230 feet (70 m) from the previous unit in the chain (either the transmitter or another transceiver), including a 1920 x 1080 (1080p) signal @ 60 Hz. It can also extend an Ultra High Definition (UHD) 3840 x 2160 (4K x 2K) video signal up to 130 feet (40 m) from the previous unit in the chain. Add up to five BHDBT-TR-SI Extender Transceivers to the chain for a total range up to 780 feet (4K x 2K) or 1,380 feet (1080p) with a monitor connected to each transceiver.

RS-232 serial signals and IR remote control signals (@ 39 KHz) also pass through the transceiver, so your HDBaseT installation can control such RS-232 devices as scanners and touchscreen displays at baud rates up to 115 Kbps. You can also operate a Blu-ray player using its remote when at the remote monitor and vice versa. Locking HDMI ports (ideal for use with Tripp Lite's [P569-006-LOCK](#) High-Speed HDMI cables with locking connectors) prevent cables from coming loose or undone, ensuring an intact signal. Attach the BHDBT-TR-SI to a wall, rack or pole using the included hardware.

Features

Extends and Expands Your HDBaseT Class B (HDBaseT-Lite) Installation

- Extends an Ultra High Definition (UHD) 3840 x 2160 (4K x 2K) @ 24/30 Hz signal up to 130 feet (40 m)

Highlights

- Extends and expands your Tripp Lite HDBaseT Class B installation
- Connects multiple monitors at different links in a chain
- Extends a 3840 x 2160 (4K x 2K) @ 24/30 Hz signal up to 130 feet (40 m)
- Extends a 1080p @ 60 Hz signal up to 230 feet (70 m)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD

Package Includes

- BHDBT-TR-SI HDBaseT Class B HDMI over Cat5e/6/6a Extender Transceiver
- 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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- Extends a High Definition 1920 x 1080 (1080p) @ 60 Hz signal up to 230 feet (70 m)
- Connects to next link in the chain with just one Cat5e/6/6a cable
- Add up to 5 transceivers to further expand the range of your installation up to 780 feet (4K x 2K) or 1,380 feet (1080p) with a monitor attached to each transceiver
- 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

Allows RS-232 and IR Control Passthrough

- Passes through RS-232 serial signals at 115 Kbps full-duplex baud rates for devices such as scanners and touchscreen monitors
- Passes through IR remote control signals so you can operate your Blu-ray player with its remote while standing at the remote monitor (and vice versa)

Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install
- Inserts quickly between transmitter and receiver in Tripp Lite HDBaseT Class B installation
- 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

MODEL TEXT	
Key Benefit	Transmits uncompressed HDMI video and audio, RS-232 serial and IR remote control signals over a single Cat5e/6/6a cable up to 230 ft. to projectors, monitors or televisions in a chain.
OVERVIEW	
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A
PHYSICAL	
Unit Dimensions (hwd / in.)	1.2 x 5 x 4
Included Mounting Accessories	Y
Color	Black
Unit Weight Details	1lb.



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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)	230
Max 480P Range (ft)	230
Max 1440 x 900 Range (ft)	230
Max 1080i Range (ft)	230
Max 1080P Range (ft)	230
Max 1920 x 1440 Range (ft)	130
Max 2560 x 1600 Range (ft)	130
Max 4K UHD Range (ft)	130
Max 480i Range (ft)	230
Max 640 x 480 Range (ft)	230
Max 800 x 600 Range (ft)	230
Max 1600 x 1200 Range (ft)	230
Max 1920 x 1200 Range (ft)	130
Max 2048 x 1536 Range (ft)	130
Max 720P Range (ft)	230
CONNECTIONS	
Ports	0
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	(2) RJ45 (FEMALE)
CERTIFICATIONS	
Approvals	CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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