HDBaseT HDMI Over Cat5e/6/6a Extender Transceiver with Serial and IR Passthrough, 4Kx2K UHD / 1080p, Up to 328-ft. (100M)

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

Highlights

- Extend and expand your Tripp Lite HDBaseT installation by connecting multiple monitors at different points in a chain
- Insert the transceiver in between your Tripp Lite HDBaseT transmitter and receiver units (For use with Tripp Lite's BHDBT-K-SI-LR)
- Up to 5 transceivers and 1 receiver can be connected in a chain, with each unit capable of extending it maximum distance from the previous unit in the chain
- Extends both 4Kx2K UHD 3840 x 2160 (24Hz or 30Hz) and 1080p (60Hz) signals up to 328-ft. (100M)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio
- Transmits RS-232 serial and IR Control signals between the transmitter and receiver units

Package Includes

- Transceiver unit
- External power supply (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 3A)
- Mounting hardware
- Owner's manual

Description

The BHDBT-TR-SI-LR HDBaseT Extender Transceiver unit allows you to extend and expand your Tripp Lite HDBaseT installation by connecting multiple monitors at different points in a chain. Transmitting HDMI audio and video, RS-232 serial and IR Remote Control signals between the transmitter and receiver units, it allows you to extend both 4Kx2K Ultra High Definition (UHD) 3840 x 2160 (24Hz or 30Hz) and 1080p (60Hz) signals up to 328-ft. (100M) from the previous unit in the chain. Add up to five BHDBT-TR-SI-LR transceivers between your Tripp Lite HDBaseT transmitter and receiver units to extend the range of your installation to up to 2,000-ft. (600M), with a monitor connected at each point in the chain. (For use with Tripp Lite's BHDBT-K-SI-LR)

RS-232 Serial signals are passed through the transceiver(s), providing your installation the ability to control RS-232 serial devices, such as touchscreen displays or scanners, at baud rates up to 115 Kbps. IR Remote Control signals (@ 39 KHz) are also passed through the transceiver, allowing you to control your Blu-ray player using its remote when at the remote monitor, or to 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) on all Tripp Lite HDBaseT models prevent cables from coming loose or undone, ensuring an intact signal.

7.1-channel surround sound, DTS-HD and Dolby TrueHD audio are supported, 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, and you can set up your installation quickly. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

Supports the Latest Video and Audio Applications

- Extends both Ultra High Definition (UHD) 3840 x 2160 (4K x 2K) and 1080p signals up to 328-ft. (100M)
- Add up to five BHDBT-TR-SI-LR transceivers to extend the range of your installation up to 2,000-ft. (600M)
- 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 2.0

RS-232 Serial and IR Control Passthrough
- IR Remote Control signals are passed through the transceiver, letting you use your Blu-ray player with its remote while standing at the remote monitor (and vice versa)
- RS-232 serial signals are also passed through, giving you the ability to control RS-232 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
- Simply insert the BHDBT-TR-SI-LR in between your Tripp Lite HDBaseT Transmitter and Receiver units
- Included mounting hardware lets you install each unit on a wall, rack or pole
- Locking HDMI ports (for use with Tripp Lite High Speed 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

Specifications

OVERVIEW	
Display Style	Extender
Cable Type	Cat5/5e; Cat6; Cat6/6a; Cat6a; HDMI

PHYSICAL	
Unit Dimensions (hwd / in.)	1.2 x 5 x 4
Included Mounting Accessories	Y
Color	Black
Unit Weight Details	1lb.

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)
Connector B	RJ45 (FEMALE) (X2)

SPECIAL FEATURES	
Chromebook Compatible	Yes

CERTIFICATIONS	
Approvals	CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty