Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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HDBaseT HDMI over Cat5e/6/6a Extender Transceiver, Serial and IR Passthrough, 1080p, Up to 500 ft. (150 m)

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

Highlights

- Extends and expands your Tripp Lite HDBaseT installation
- Connects multiple monitors at different links in a chain
- Extends a 1080p @ 60 Hz signal up to 500 feet (150 m)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Mounts easily to wall, rack or pole

Package Includes

- BHDBT-TR-SI-ER HDBaseT 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

Transmits uncompressed HDMI video and audio, RS-232 serial and IR remote control signals over a single Cat5e/6/6a cable up to 500 feet to projectors, monitors or televisions in a chain.

Description

Insert the BHDBT-TR-SI-ER HDBaseT HDMI over Cat5e/6/6a Extender Transceiver between the transmitter and receiver units in your Tripp Lite HDBaseT 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-ER transmits uncompressed HDMI audio and video, RS-232 serial and IR control signals up to 500 feet (150 m) from the previous unit in the chain (either the transmitter or another transceiver), including 1920 x 1080 (1080p) signals @ 60 Hz. Add up to five BHDBT-TR-SI-ER Extender Transceivers to the chain for a total range up to 3,000 feet (900 m) 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-ER to a wall, rack or pole using the included hardware.

Features

Extends and Expands Your HDBaseT Installation

- Extends a High Definition 1920 x 1080 (1080p) @ 60 Hz signal up to 500 feet (150 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 3,000 feet (900 m) 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 means no software or drivers to download and install
- Inserts quickly between transmitter and receiver in Tripp Lite HDBaseT 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

OVERVIEW	
UPC Code	037332187048
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A
Technology	HDBaseT; HDMI (All types); Serial (RS232); IR
PHYSICAL	
Shipping Dimensions (hwd / in.)	2.200 x 8.400 x 6.500
Shipping Dimensions (hwd / cm)	5.59 x 21.34 x 16.51
Shipping Weight (lbs.)	1.3400
Shipping Weight (kg)	0.61
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%

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 1080P Range (ft)	500
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
Max 720P Range (ft)	500

CONNECTIONS	
Ports	0
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	(2) RJ45 (FEMALE)

FEATURES & SPECIFICATIONS	
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
10/100 Ethernet Extension Support	No

CERTIFICATIONS	
Approvals	CE, FCC, RoHS, REACH

WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty