

## HDBaseT Class B (HDBaseT-Lite) HDMI over Cat5e/6/6a Extender Kit w/Power, Serial & IR, 4K x 2K UHD/1080p, Up to 230 ft.

MODEL NUMBER: BHDBT-K-SPI



### Description

The BHDBT-K-SPI HDBaseT Class B (HDBaseT-Lite) HDMI over Cat5e/6/6a Extender Kit extends uncompressed HDMI audio and video, RS-232 serial and IR remote control signals up to 230 feet over a single Cat5e/6/6a cable, including video resolutions up to 1920 x 1080(1080p). It also extends an Ultra High Definition(UHD) 3840 x 2160(4K x 2K) signal up to 130 feet.

In addition to HDMI and IR signals, this extender kit features built-in PoE technology, which powers the receiver over Cat5e/6/6a cable, eliminating the need for an external power source.

You can also control RS-232 serial devices, such as touchscreen displays or scanners, at baud rates up to 115 Kbps. The two-way 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 [P569-006-LOCK](#) high-speed HDMI cables with locking connectors) on both the transmitter and receiver prevent cables from coming loose or undone, ensuring an intact signal.

The plug-and-play BHDBT-K-SPI supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio, as well as 3D video, EDID and HDCP. Attach the transmitter and receiver units to a wall, rack or pole with the included mounting hardware.

### Features

#### Extends HDMI Video/Audio, RS-232 Serial and IR Control Signals with Power Over a Single Cat5e/6/6a Cable

- Ideal for digital signage, classrooms, retail locations, conference rooms and trade show booths
- Extends an Ultra High Definition(UHD) 3840 x 2160(4K x 2K) signal up to 130 ft.
- Extends a high-definition 1920 x 1080(1080p) signal up to 230 ft.
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio
- Supports 3D video, EDID and HDCP
- Reduces cable clutter and installation costs

### Highlights

- Ideal for digital signs, classrooms and trade show booths
- Extends a 3840 x 2160 (4K x 2K) signal up to 130 ft.
- Extends a 1920 x 1080 (1080p) signal up to 230 ft.
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Built-in PoE technology powers receiver over Cat5e/6/6a cable

### Package Includes

- Transmitter unit
- Receiver unit
- IR-IN cable, 5 ft.
- IR-OUT cable, 6 ft.
- External Power Supply with C14 inlet (Input: 100–240V, 50/60 Hz, 1.5A; Output: 48V, 1.04A), 4.5 ft.
- C-13 to NEMA 5-15P power cord, 6 ft.
- Mounting hardware
- Owner's manual



- Built-in PoE technology powers receiver over Cat5e/6/6a cable, eliminating need for external power source

#### Controls Other Display 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 scanners and touchscreen monitors

#### Locking HDMI Ports on Transmitter and Receiver

- Prevent cables from coming loose or disconnected, ensuring an intact signal
- Ideal for use with Tripp Lite's [P569-006-LOCK](#) high-speed HDMI cables with locking connectors

#### Easy to Set Up and Use

- Plug and play with no software or drivers to download and install
- Includes mounting hardware for installing each unit on a wall, rack or pole

#### TAA-Compliant

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

## Specifications

OVERVIEW	
AC Adapter	Input: 100-240V, 50/60Hz, 1.5A; Output: 48V, 1.04A, 4.5 ft.
Accessories Type	Extender
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



<b>CONNECTIONS</b>	
Ports	1
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	RJ45 (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
Side B - Connector 3	DB9 (MALE)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

© 2016 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <http://www.tripplite.com/products/product-certification-agencies>