

HDBaseT HDMI over Cat5e/6/6a Extender Kit with Ethernet, Serial and IR Control, 4K x 2K/1080p, Up to 328 ft. (100 m)

MODEL NUMBER: BHDBT-K-E3SI-LR



Description

The BHDBT-K-E3SI-LR HDBaseT HDMI over Cat5e/6/6a Extender Kit extends uncompressed HDMI audio and video, RS-232 serial and IR remote control signals up to 328 feet over a single Cat5e/6/6a cable, including an Ultra High Definition(UHD) 3840 x 2160(4K x 2K) signal.

In addition to HDMI, RS-232 and IR signals, this extender kit features three built-in 10/100 Ethernet ports on both the transmitter and receiver units. This allows connected devices, such as a Blu-ray™ player, cable/satellite box, and HDMI television, to communicate with each other and access online content via LAN.

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-E3SI-LR supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio, as well as 3D video, EDID and HDCP.

Features

Extends HDMI Video/Audio, Ethernet, RS-232 Serial and IR Control Signals 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 328 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

Built-In 10/100 Ethernet Ports on Transmitter and Receiver

- Allows connected devices to communicate with each other and access online content via LAN

Highlights

- Ideal for digital signs, classrooms and trade show booths
- Built-in 10/100 Ethernet ports on transmitter and receiver
- Extends a 3840 x 2160 (4K x 2K) signal up to 328 ft.
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Controls RS-232 serial devices at baud rates up to 115 Kbps

Package Includes

- Transmitter unit
- Receiver unit
- IR-IN cable - 5 ft.
- IR-OUT cable - 6 ft.
- (2) External Power Supplies with NEMA 1-15P Plug - 4.5 ft. (Input: 100–240V, 50/60 Hz, 1A; Output: 5V, 3A)
- Mounting hardware
- Owner's manual



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

Easy to Set Up and Use

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

Locking HDMI Ports on Transmitter and Receiver

- 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	
AC Adapter	Input: 4.5ft. 100-240V, 50/60Hz, 1A; Output: 5V, 3A
Accessories Type	Extender
COMMUNICATIONS	
Max 1080P Range (ft)	328
Max 4K UHD Range (ft)	328
CONNECTIONS	
Connector A	(2) HDMI (FEMALE)
Connector B	(8) RJ45 (FEMALE)
Connector D	(1) DB9 (FEMALE)
Ports	1
Other Ports	DB9 (MALE)
WARRANTY	
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>