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**

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
- IR-OUT cable
- (2) External power supplies (Input: 100–240V, 50/60 Hz, 1A; Output: 5V, 3A)
- Mounting hardware
- Owner's manual

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

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	
Accessories Type	Extender
Cable Type	HDMI

CONNECTIONS	
Connector A	(2) HDMI (FEMALE)
Connector B	(2) RJ45 (FEMALE)
Connector C	(6) 3.5MM (FEMALE)
Ports	1

SPECIAL FEATURES	
Chromebook Compatible	Yes

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