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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.

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## HDBaseT HDMI over Cat5e/6/6a Extender Kit with Power and IR Control, 4K x 2K @ 30Hz UHD / 1080p @ 60Hz, Up to 328 ft.

MODEL NUMBER: BHDBT-K-PI-LR



Extends HDMI video/audio and IR control signals with Power over a single Cat5e/6/6a cable to a projector, monitor or television up to 328 ft. from the source.

### Description

The BHDBT-K-PI-LR HDBaseT HDMI over Cat5e/6/6a Extender Kit extends uncompressed HDMI audio and video and IR remote control signals up to 328 feet over a single Cat5e/6/6a cable, including an Ultra High Definition (UHD) 4096 x 2160 or 3840 x 2160 (4K x 2K) @ 30Hz signal.

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. The two-way IR remote control feature (@ 39 KHz) lets you control your Blu-ray player or other HDMI source 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-PI-LR 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 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) 4096 x 2160 or 3840 x 2160 (4K x 2K) @ 30Hz signal up to 328 ft.
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio

### Highlights

- Ideal for digital signs, classrooms and trade show booths
- Extends both a 4096 x 2160 and 3840 x 2160 (4K x 2K) @ 30Hz signal up to 328 ft.
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Built-in PoE technology powers receiver over Cat5e/6/6a cable
- Plug and play—no software or drivers to install

### 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, 1A), 4.5 ft.
- C13 to NEMA 5-15P power cord, 6 ft.
- Mounting hardware
- Owner's manual



- Supports 3D video, EDID and HDCP
- Reduces cable clutter and installation costs
- Built-in PoE technology powers receiver over Cat5e/6/6a cable, eliminating need for external power source

#### Controls IR 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)

#### 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 attaching each unit to a wall, rack or pole

#### TAA-Compliant

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

## Specifications

OVERVIEW	
UPC Code	037332186942
AC Adapter	Input: 100-240V, 50/60Hz, 1.5A; Output: 48V, 1A, 4.5 ft.
Technology	HDBaseT; HDMI (All types); IR
PHYSICAL	
Shipping Dimensions (hwd / in.)	8.430 x 5.910 x 3.190
Shipping Dimensions (hwd / cm)	21.41 x 15.01 x 8.10
Shipping Weight (lbs.)	2.9500
Shipping Weight (kg)	1.34
COMMUNICATIONS	
Max 1024 x 768 Range (ft)	328
Max 480P Range (ft)	328
Max 1440 x 900 Range (ft)	328
Max 1080i Range (ft)	328



Max 1080P Range (ft)	328
Max 1920 x 1440 Range (ft)	328
Max 2560 x 1600 Range (ft)	328
Max 4K UHD Range (ft)	328
Max 480i Range (ft)	328
Max 640 x 480 Range (ft)	328
Max 800 x 600 Range (ft)	328
Max 1600 x 1200 Range (ft)	328
Max 1920 x 1200 Range (ft)	328
Max 2048 x 1536 Range (ft)	328
Max 720P Range (ft)	328
<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)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Power Over Cable (PoC) Support	Yes
IR Remote Extension Support	Yes
10/100 Ethernet Extension Support	No
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

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