

HDBaseT HDMI over Cat5e/6/6a Extender Kit with Power and IR Control, 4K x 2K @ 24/30Hz UHD / 1080p @ 60Hz, Up to 328 ft.

MODEL NUMBER: BHDBT-K-PI-LR



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) 3840 x 2160 (4K x 2K) @ 24/30Hz 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) 3840 x 2160 (4K x 2K) @ 24/30Hz 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

Highlights

- Ideal for digital signs, classrooms and trade show booths
- Extends a 3840 x 2160 (4K x 2K) @ 24/30Hz 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



Tripp Lite
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www.tripplite.com

- 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

| MODEL TEXT | |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Key Benefit | 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. |
| OVERVIEW | |
| AC Adapter | Input: 100-240V, 50/60Hz, 1.5A; Output: 48V, 1A, 4.5 ft. |
| 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 |



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

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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:

<https://www.tripplite.com/products/product-certification-agencies>