

# HDBaseT HDMI Over Cat5e/6/6a Extender Kit with Serial and IR Control, 1080p, Up to 500 ft. (150M)

MODEL NUMBER: BHDBT-K-SI-ER



Transmit HDMI video and audio, RS-232 serial and IR Remote Control signals over a single Cat5e/6/6a cable to a projector, monitor or television. Ideal for digital signs and trade show presentations.

## Description

The BHDBT-K-SI-ER HDBaseT Extender Kit allows you to transmit HDMI audio and video, RS-232 serial and IR Remote Control signals up to 500 feet (150 m) over a single Cat5e/6/6a cable, including a 1920 x 1080 (1080p) signal @ 60 Hz. Add up to five Tripp Lite BHDBT-TR-SI-ER transceivers (sold separately) between the transmitter and receiver units to further expand the range up to 3,000 feet (900 m) with a monitor connected via HDMI port to each transceiver.

You can also control RS-232 serial devices, such as touchscreen displays or scanners, at baud rates up to 115 Kbps. The BHDBT-K-SI-ER's 2-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 High-Speed HDMI cables with locking connectors, such as P569-006-LOCK) on both the transmitter and receiver prevent cables from coming loose or undone, ensuring an intact signal.

The BHDBT-K-SI-ER supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio, as well as 3D video, EDID and HDCP. Included mounting hardware lets you attach each unit to a wall, rack or pole. There's no software to download or install, and you can have the BHDBT-K-SI-ER Extender Kit set up and ready to go quickly. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

## Features

Supports the Latest Video and Audio Applications

- Extends a High Definition 1920 x 1080 (1080p) @ 60 Hz signal up to 500 feet (150 m)

## Highlights

- Extends a 1080p @ 60 Hz signal up to 500 feet (150 m)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Controls RS-232 serial devices at baud rates up to 115 Kbps
- Allows you to control a Blu-ray™ player from a remote monitor
- Plug and play—no software or drivers to install

## Package Includes

- Transmitter unit
- Receiver unit
- IR-IN cable
- IR-OUT cable
- 3.5 mm Male to DB9 Female adapter cable
- 3.5 mm Male to DB9 Male adapter cable
- (2) External Power Supplies with NEMA 1-15P Plug (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 3A)
- Mounting hardware
- Owner's manual



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
www.tripplite.com

- Accepts up to five BHDBT-TR-SI-ER transceivers and six total monitors to further expand the range up to 3,000 feet (900 m)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio
- Supports 36-bit Deep Color (12 bits per channel), CEC pass-through, 3D video, EDID and HDCP

#### Allows You to Control 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 engineering means no software or drivers to download and install
- Ready to use in minutes
- Included mounting hardware lets you install each unit on a wall, rack or pole
- Locking HDMI ports on both the 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	
UPC Code	037332187086
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A
PHYSICAL	
Color	Black
Included Mounting Accessories	Y
Receiver Unit Depth (in.)	1.1
Receiver Unit Height (in.)	1.1
Receiver Unit Width (in.)	4.5
Shipping Dimensions (hwd / cm)	5.59 x 28.96 x 16.51
Shipping Dimensions (hwd / in.)	2.20 x 11.40 x 6.50
Shipping Weight (kg)	1.13
Shipping Weight (lbs.)	2.50
Transmitter Unit Depth (in.)	2.5
Transmitter Unit Height (in.)	1.1



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Transmitter Unit Width (in.)	4.5
Unit Weight Details	0.55lbs (Transmitter) 0.5lbs (Receiver)
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	0 to 40 C (32 to 104 F)
Storage Temperature Range	-20 to 60 C (-4 to 140 F)
Relative Humidity	20 to 90%
<b>COMMUNICATIONS</b>	
Max 1024 x 768 Range (ft)	500
Max 480P Range (ft)	500
Max 1440 x 900 Range (ft)	500
Max 1080i Range (ft)	500
Max 1080P Range (ft)	500
Max 480i Range (ft)	500
Max 640 x 480 Range (ft)	500
Max 800 x 600 Range (ft)	500
Max 1600 x 1200 Range (ft)	500
Max 720P Range (ft)	500
<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>FEATURES &amp; SPECIFICATIONS</b>	
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
10/100 Ethernet Extension Support	No
Technology	HDBaseT; HDMI; Serial (RS232); IR
<b>STANDARDS &amp; COMPLIANCE</b>	
Approvals	CE, FCC, RoHS, REACH



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

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