

HDBaseT HDMI Over Cat5e/6/6a Extender Kit with Serial and IR Control, 4K x 2K @ 24/30Hz UHD / 1080p @ 60Hz, Up to 328-ft. (100M)

MODEL NUMBER: BHDBT-K-SI-LR



Description

The BHDBT-K-SI-LR HDBaseT Extender Kit allows you to transmit HDMI audio and video, RS-232 serial and IR Remote Control signals up to 328 feet (100 m) over a single Cat5e/6/6a cable. This includes 1920 x 1080 (1080p) signals @ 60 Hz and even Ultra High Definition (UHD) 3840 x 2160 (4K x 2K) @ 24/30Hz video signals. Add up to five Tripp Lite BHDBT-TR-SI-LR transceivers (sold separately) between the transmitter and receiver units to further expand the range up to 2,000 feet (600 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-LR'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-LR 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-LR Extender Kit set up and ready to go quickly. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

- Extends a High Definition 1920 x 1080 (1080p) @ 60 Hz signal up to 328 feet (100 m)

Highlights

- Extends a 1080p @ 60 Hz signal up to 328 feet (100 m)
- Extends a 3840 x 2160 (4K x 2K) @ 24/30Hz signal up to 328 feet (100 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

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



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- Extends an Ultra High Definition (UHD) 3840 x 2160 (4K x 2K) @ 24/30Hz signal up to 328 feet (100 m)
 - Accepts up to five [BHDBT-TR-SI-LR](#) transceivers and six total monitors to further expand the range up to 2,000 feet (600 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
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- 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
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- 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 (for use with Tripp Lite High Speed HDMI cables with locking connectors, such as [P569-006-LOCK](#)) on both the transmitter and receiver prevent cables from coming loose or disconnected, ensuring an intact signal
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- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

MODEL TEXT	
Key Benefit	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.
OVERVIEW	
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A
PHYSICAL	
Included Mounting Accessories	Y
Color	Black
Unit Weight Details	0.55lbs (Transmitter) 0.5lbs (Receiver)
Transmitter Unit Height (in.)	1.1
Transmitter Unit Width (in.)	4.5



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Transmitter Unit Depth (in.)	2.5
Receiver Unit Height (in.)	1.1
Receiver Unit Width (in.)	4.5
Receiver Unit Depth (in.)	1.1
ENVIRONMENTAL	
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%
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
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)
Side B - Connector 3	DB9 (MALE)



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CERTIFICATIONS	
Approvals	CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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