

HDBaseT HDMI over Cat5e/6/6a Extender Receiver with Serial and IR Control, 4Kx2K UHD / 1080p, Up to 328-ft. (100M)

MODEL NUMBER: **BHDBT-R-SI-LR**



Description

Tripp Lite's BHDBT-R-SI-LR HDBaseT HDMI over Cat5e/6/6a Extender Receiver works with the [BHDBT-T-SI-4X2](#) transmitter unit to extend uncompressed HDMI video and audio, RS-232 serial and IR remote control signals up to 328-ft. from the source. It can extend an Ultra High Definition(UHD) 3840 x 2160(4K x 2K) video signal, or a 1920 x 1080(1080p) HD video signal, up to 328-ft.(100M). To further extend and expand your installation, [BHDBT-TR-SI-LR](#) transceiver units can be inserted in between the transmitter and receiver, extending the signal up to an additional 328-ft, and adding an additional monitor at the transceiver location. Insert up to 5 transceivers into your installation, for a maximum possible extension distance of 2,000-ft.(600M), and a maximum number of 6 monitors, to a chain.

You can also control RS-232 serial devices, such as touchscreen displays or scanners, at baud rates up to 115 Kbps. The 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 the receiver prevents cables from coming loose or undone, ensuring an intact signal.

The BHDBT-R-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; you can have it 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

- Works with a [BHDBT-T-SI-4X2](#) transmitter to extends a UHD 4K x 2K video signal or a 1080p signal up to 328-ft.
- Connects to transmitter or transceiver units via a single Cat5e/6/6a cable
- Insert up to 5 transceivers into your installation to further expand the range up to 2,000-ft.
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio

Highlights

- For use with Tripp Lite's [BHDBT-T-SI-4X2](#) HDBaseT transmitter unit
- Extends a 3840 x 2160(4K x 2K) signal up to 328-ft.(100M)
- Extends a 1080p @ 60 Hz signal up to 328-ft(100M)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Mounts easily to wall, rack or pole
- Plug and play—no software or drivers to install

Package Includes

- BHDBT-R-SI-LR HDBaseT HDMI over Cat5e/6/6a Extender Receiver
- IR-IN cable
- IR-OUT cable
- 3.5 mm Male to DB9 Female adapter cable
- 3.5 mm Male to DB9 Male adapter cable
- External power supply with 1-15P plug (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 3A)
- Mounting hardware
- Owner's Manual



- Supports 36-bit Deep Color(12 bits per channel), CEC passthrough, 3D video, EDID and HDCP 2.0

Allows You to Control Other 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 serial devices such as scanners and touchscreen monitors

Easy to Set Up and Use

- Plug-and-play engineering means no software or drivers to download and install
- Included mounting hardware lets you install each unit on a wall, rack or pole
- Locking HDMI ports(for use with Tripp Lite HDMI cables with Locking connectors, such as [P569-006-LOCK](#)) 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	
Display Style	Extender
Cable Type	HDMI; UTP (Cat5, Cat5e, Cat6, Cat6a)
PHYSICAL	
Unit Dimensions (hwd / in.)	1.1 x 4.5 x 2.5
Included Mounting Accessories	Y
Color	Black
Unit Weight Details	0.55lbs
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%
CONNECTIONS	
Connector A	HDMI (FEMALE)
Connector B	RJ45 (FEMALE)
Ports	1
SPECIAL FEATURES	
Chromebook Compatible	Yes



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

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