

## HDBaseT Class B (HDBaseT-Lite) HDMI over Cat5e/6/6a Extender Receiver, Serial and IR, 4Kx2K UHD / 1080p, Up to 230-ft. (70M)

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



### Description

Tripp Lite's BHDBT-R-SI HDBaseT Class B (HDBaseT-Lite) 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 230-ft. from the source. It can extend an Ultra High Definition (UHD) 3840 x 2160 (4K x 2K) video signal up to 130-ft. (40M), or a 1920 x 1080 (1080p) HD video signal up to 230-ft. (70M). To further extend and expand your installation, [BHDBT-TR-SI](#) transceiver units can be inserted in between the transmitter and receiver, extending the signal up to an additional 230-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 780-ft. (4K x 2K) or 1,380-ft. (1080p), 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 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 extend a UHD 4K x 2K video signal up to 130-ft., or a 1080p signal up to 230-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 780-ft. (4K x 2K) or 1,380-ft. (1080p)
- 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 130-ft. (40M)
- Extends a 1080p @ 60 Hz signal up to 230-ft. (70M)
- 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 HDBaseT Class B (HDBaseT-Lite) 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 (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

- 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



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

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

© 2015 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. 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: <http://www.tripplite.com/products/product-certification-agencies>