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

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

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.

Features

Supports the Latest Video and Audio Applications
- Extends a High Definition 1920 x 1080 (1080p) @ 60 Hz signal up to 328 feet (100 m)

- Extends an Ultra High Definition (UHD) 4096 x 2160 or 3840 x 2160 (4K x 2K) @ 30 Hz 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

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 (for use with 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

TAA-Compliant
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Highlights
- Extends a 1080p @ 60 Hz signal up to 328 feet (100 m)
- Extends both a 4096 x 2160 and 3840 x 2160 (4K x 2K) @ 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

Specifications

OVERVIEW	
UPC Code	037332187093
Product Type	Extender Kit
Technology	HDBaseT; HDMI; IR; Cat5/5e; Cat6

VIDEO	
Max Supported Video Resolution	3840 x 2160 (4K @ 30Hz)
Max 720P Range (ft)	328
Max 1080P Range (ft)	328
Max 1280 x 720 (720p) Range (ft)	328
Max 1920 x 1080 (1080p) Range (ft)	328
Max 1920 x 1200 Range (ft)	328
Max 2560 x 1600 Range (ft)	328
Max 3840 x 2160 (4K@30Hz) Range (ft)	328
Transmitter Video Input	HDMI
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Recommended Cabling	HDMI
Max Supported Color Depth	36-bit Deep Color
HDR Support	No
3D Video Supported	Yes
Maximum Signal Range (ft)	328
Maximum Signal Range (m)	100

AUDIO	
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD

INPUT	
AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.5A
AC Power Adapter Output Specs (V / A)	5V / 3A
AC Power Adapter Cord Length (ft.)	4.5

AC Power Adapter Cord Length (m)	1.4
Bus Powered	No

POWER	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P
Power Source	Transmitter and Receiver (Included)
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve

CONNECTIONS	
Number of 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)
Daisy-chainable / Cascadable	No

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	GREEN UNIT LED INDICATES POWER / GREEN RJ45 LED's INDICATE HDCP IS WORKING / ORANGE UNIT LED INDICATES HDBASET SYSTEM ACTIVATION / ORANGE RJ45 LED's INDICATE HDBASET LINK

PHYSICAL	
Color	Black
Included Mounting Accessories	Wallmount
Number of Displays	1
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket B110-DIN-01
Form Factor/Mounting Options	Box; Wall-mount
Receiver Unit Dimensions (hwd / in.)	2.46 x 4.53 x 1.06
Receiver Unit Height (in.)	1.1
Receiver Unit Width (in.)	4.5
Receiver Unit Depth (in.)	1.1
Receiver Unit Weight (lbs.)	1.01
Shipping Dimensions (hwd / in.)	2.20 x 11.40 x 6.50
Shipping Dimensions (hwd / cm)	5.59 x 28.96 x 16.51
Shipping Weight (lbs.)	2.50

Shipping Weight (kg)	1.13
Transmitter Unit Depth (in.)	2.5
Transmitter Unit Dimensions (hwd / in.)	2.46 x 4.53 x 1.06
Transmitter Unit Height (in.)	1.1
Transmitter Unit Weight (lbs.)	1.01
Transmitter Unit Width (in.)	4.5
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Packaging Type	Box
Unit Weight (lbs.)	1.01
Unit Weight (kg)	0.46
Unit Weight Details	0.55lbs (Transmitter) 0.5lbs (Receiver
Housing	Metal

ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 122°F (-15° to 50°C)
Relative Humidity	0% TO 85% RH, Non-Condensing
Operating Humidity Range	0% TO 85% RH, Non-Condensing
Storage Humidity Range	0% TO 85% RH, Non-Condensing

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 1920 x 1440 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 2048 x 1536 Range (ft)	328
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
Consumer Electronics Control (CEC) Supported	Yes

USB Extension Support	No

FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
HDCP Specification	1.4
Driver Required	No

STANDARDS & COMPLIANCE	
External Power Supply Certifications	UL; cUL; RoHS; FCC
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)

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