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) @ 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

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 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

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

disconnected, ensuring an intact signal

TAA-Compliant

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

Specifications

OVERVIEW	
UPC Code	037332187093
Product Type	Extender Kit
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A
Technology	HDBaseT; HDMI; Serial (RS232); IR; Cat5/5e; Cat6

VIDEO	
Max Supported Video Resolution	3840x2160 (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
Signal Range (ft)	328
Signal Range (m)	100
Recommended Cabling	HDMI
Max Supported Color Depth	36-bit Deep Color
3D Video Supported	Yes

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

POWER

Power Source	Transmitter and Receiver (Included)
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P
External Power Supply Input Specs (V / Hz / A)	100-240V / 50-60Hz / 0.5A
External Power Supply Output Specs (V / A)	5V/3A
External Power Supply Cord Length (ft.)	4.5
External Power Supply Cord Length (m.)	1.4
External Power Supply DC Barrel Connector Specs	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
External Power Supply Certifications	UL; cUL; RoHS; FCC

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 / 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 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.)	2.46 x 4.53 x 1.06
Unit Packaging Type	Box
Unit Weight (kg)	0.46
Unit Weight (lbs.)	1.01
Unit Weight Details	0.55lbs (Transmitter) 0.5lbs (Receiver
Housing	Metal

ENVIRONMENTAL	
Operating Temperature Range	32 to 104 F (0 to 40)
Storage Temperature Range	5 TO 122F (-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

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)

FEATURES & SPECIFICATIONS	
HDCP Specification	1.4
Driver Required	No
Built-In Equalizer	No

STANDARDS & COMPLIANCE	
Certifications	Tested to FCC, RoHS, REACH
Approvals	CE, FCC, RoHS, REACH

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