HDBaseT HDMI over Cat5e/6/6a Extender Kit with Ethernet, Serial and IR Control, 1080p, Up to 500 ft. (152 m), TAA

MODEL NUMBER: **BHDBT-K-E3SI-ER**

Extends HDMI video/audio, Ethernet, RS-232 serial and IR control signals over a single Cat5e/6/6a cable to a projector, monitor or television up to 500 ft. from the source.

Features

Extends HDMI Video/Audio, Ethernet, RS-232 Serial and IR Control Signals Over a Single Cat5e/6/6a Cable

- Ideal for digital signage, classrooms, retail locations, conference rooms and trade show booths
- Extends a high-definition 1920 x 1080 (1080p) @ 60 Hz signal up to 500 ft.
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio
- Supports 3D video, EDID and HDCP
- Reduces cable clutter and installation costs

Built-In 10/100 Ethernet Ports on Transmitter and Receiver

- Allows connected devices to communicate with each other and access online content via LAN

Controls 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 with no software or drivers to download and install
- Included mounting hardware for installing each unit on a wall, rack or pole

Highlights

- Ideal for digital signs, classrooms and trade show booths
- Built-in 10/100 Ethernet ports on transmitter and receiver
- Extends a 1920 x 1080 (1080p) signal up to 500 ft.
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Controls RS-232 serial devices at baud rates up to 115 Kbps

Package Includes

- Transmitter unit
- Receiver unit
- IR-IN cable - 5 ft.
- IR-OUT cable - 6 ft.
- (2) External Power Supplies with NEMA 1-15P Plug- 4.5 ft. (Input: 100–240V, 50/60 Hz, 1A; Output: 5V, 3A)
- Mounting hardware
- Owner's manual

Locking HDMI Ports on 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

Specifications

OVERVIEW	
UPC Code	037332188175
Product Type	Extender Kit
AC Adapter	Input: 4.5 ft 100-240V, 50/60Hz, 1A; Output: 5V, 3A
Technology	HDBaseT; HDMI; Serial (RS232); IR; Cat5/5e; Cat6

VIDEO	
Max Supported Video Resolution	1920x1080 (1080p @ 60Hz)
Max 720P Range (ft)	500
Max 1080P Range (ft)	500
Max 1280 x 720 (720p) Range (ft)	500
Max 1920 x 1080 (1080p) Range (ft)	500
Transmitter Video Input	HDMI
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Signal Range (ft)	500
Signal Range (m)	150
Recommended Cabling	HDMI
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 or 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 / 1.0A
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 Certifications	UL; cUL; PSE; FCC

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	RJ45 INPUT/OUTPUT (GREEN / POWER, ORANGE / LINK) RJ45 10/100 ETHERNET (GREEN / SIGNAL, FLASHING ORANGE / ACTIVITY) ACTIVITY (FLASHING ORANGE WHEN TX/RX POWERED AND CONNECTED) HDMI LINK (GREEN WHEN SIGNAL IS BEING SENT FROM SOURCE TO DISPLAY) POWER (GREEN)

PHYSICAL

Color	Black
Included Mounting Accessories	Wallmount
Number of Displays	1
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket B110-DIN-02
Form Factor/Mounting Options	Box; Wall-mount
Receiver Unit Dimensions (hwd / in.)	3.97 x 5.04 x 1.17
Receiver Unit Weight (lbs.)	1.7
Shipping Dimensions (hwd / cm)	21.41 x 15.01 x 8.10
Shipping Dimensions (hwd / in.)	8.43 x 5.91 x 3.19
Shipping Weight (kg)	2.22
Shipping Weight (lbs.)	4.90
Transmitter Unit Dimensions (hwd / in.)	3.97 x 5.04 x 1.17
Transmitter Unit Weight (lbs.)	1.7
Unit Dimensions (hwd / in.)	3.97 x 5.04 x 1.17
Unit Packaging Type	Box
Unit Weight (kg)	0.77
Unit Weight (lbs.)	1.7
Housing	Metal

ENVIRONMENTAL

Operating Temperature Range	32 to 122 F (0 to 50 C)
Storage Temperature Range	(-)40 TO 158 F (-40 TO 70 C)
Relative Humidity	10% TO 90% RH, Non-Condensing

Operating Humidity Range	10% TO 90% RH, Non-Condensing
Storage Humidity Range	10% TO 90% RH, Non-Condensing
COMMUNICATIONS	
Max 1024 x 768 Range (ft)	500
Max 480P Range (ft)	500
Max 1440 x 900 Range (ft)	500
Max 1080i Range (ft)	500
Max 480i Range (ft)	500
Max 640 x 480 Range (ft)	500
Max 800 x 600 Range (ft)	500
Max 1600 x 1200 Range (ft)	500
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
USB Extension Support	No
CONNECTIONS	
Ports	1
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	(3) RJ45 (FEMALE)
Side A - Connector 3	RJ45 (FEMALE)
Side A - Connector 4	DB9 (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	(3) RJ45 (FEMALE)
Side B - Connector 3	RJ45 (FEMALE)
Side B - Connector 4	DB9 (MALE)
FEATURES & SPECIFICATIONS	
HDCP Specification	1.4
Driver Required	No
10/100 Ethernet Extension Support	Yes
Built-In Equalizer	No
STANDARDS & COMPLIANCE	
Certifications	Tested to FCC, RoHS, REACH

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