HDBaseT HDMI Over Cat5e/6/6a Extender Kit with Serial and IR Control, 1080p, Up to 500 ft. (152.4 M)

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

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 500 feet (150 m)
- Accepts up to five BHDBT-TR-SI-ER transceivers and six total monitors to further expand the range up to 3,000 feet (900 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 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 500 feet (150 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
- Plug and play—no software or drivers to install

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	037332187086
Product Type	Extender Kit
Technology	HDBaseT; HDMI; IR

VIDEO	
Max 720P Range (ft)	500
Max 1080P Range (ft)	500
HDR Support	No

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

POWER	
Power Source Type	AC Adapter
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A

PHYSICAL	
Color	Black
Included Mounting Accessories	Y
Receiver Unit Height (in.)	1.1
Receiver Unit Width (in.)	4.5
Receiver Unit Depth (in.)	1.1
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 Height (in.)	1.1
Transmitter Unit Width (in.)	4.5

Unit Weight Details	0.55lbs (Transmitter) 0.5lbs (Receiver

ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Relative Humidity	20 to 90%

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
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
USB Extension Support	No

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

FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)

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

Mouser Electronics

Authorized Distributor

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