HDMI over Cat6 Extender Kit, Transmitter and Pigtail Receiver, 4K 60Hz, 4:4:4, PoC, HDR, HDCP 2.2, 230 ft., TAA

MODEL NUMBER: **B127A-1A1-BHPH**

HDMI extender kit with transmitter and pigtail receiver extends a 4K signal via Cat6 cable to an HDMI display up to 230 ft. away.

Features

HDMI Extender Kit Ideal for Digital Signage in Schools, Restaurants and Lecture Halls
This complete transmitter and receiver system is recommended for video presentations in conference rooms, schools, trade shows, meeting facilities, houses of worship, retail settings, hotels and other digital signage applications where the source and display are farther apart than conventional A/V cables allow. The low-profile pigtail-type receiver is ideal for applications in which space around the display is restricted and a larger box-style receiver will not fit.

Extends a 4K A/V Transmission up to 230 ft....or More
The B127A-1A1-BHPH extends 4K signals from an HDMI source device to an HDMI display up to 230 feet away via user-supplied Cat6 cabling. By adding a Tripp Lite B127A-010-H HDMI repeater or B127A-110-BH Transceiver (sold separately) to the application, you can extend the signal up to 400 or 460 feet, respectively.

Transmits Crystal-Clear 4K Video with Multi-Channel Audio, HDR and 4:4:4 Color
The B127A-1A1-BHPH supports Ultra HD resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz, as specified by HDMI 2.0, with full, rich uncompressed DTS-HD, Dolby TrueHD and 7.1-channel digital audio. High Dynamic Range (HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. This extender kit also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. Built-in equalization allows you to fine-tune the image quality at the remote display.

Local HDMI Port on Transmitter Supports 4K @ 60 Hz Resolution
To monitor the video signal being extended to the receiver, connect a 4K display to the transmitter's local HDMI port with a user-supplied HDMI cable. This port does not support multi-resolution capabilities, so the connected monitor must also support 4K/60 Hz to function properly.

Built-In PoC Technology Provides Receiver Power to Avoid Bulky External Power Bricks
Power over Cable (PoC) technology powers the receiver over Cat6 cable. LEDs on both the transmitter and receiver will light up to indicate the system is receiving power and a signal is being transmitted. PoC lets you avoid the hassle of a bulky power brick and gives you the freedom to place the receiver where

Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear video
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Power over Cable (PoC) technology provides power to the receiver via Cat6 cable
- Transmitter's local port shows you the 4K image being displayed at the other end
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

- Connect a laptop for a video or PowerPoint presentation in an auditorium or lecture hall, where the source device changes frequently
- Extend video signals from one room to another using Cat6 cable, which can pass through conduit to meet building codes
- Gain flexibility in where the units are placed, with the freedom to move and relocate one away from an AC outlet
- Improve the line of sight for digital signage in a hotel, restaurant, theater, house of worship, trade show or other location

System Requirements

- Source device with HDMI output (Blu-ray player, cable box, laptop)
- Display device with HDMI input (HDTV, projector, monitor)

Package Includes

- Transmitter
- Receiver
- External power supply (Input: 100–240V, 50/60 Hz, 0.6A; Output: 24V 1A)
- (4) International plug adapters (North America, Europe, U.K. and Australia)
- Mounting hardware
- Owner's manual

needed without worrying about finding a nearby AC outlet.

Plug-and-Play Operation for Quick Setup and Immediate Use
The included transmitter and receiver units work right out of the box with no software required. Mounting hardware is included for installing the transmitter on a wall, pole or 19-inch rack. Connect the transmitter to the source with a user-supplied HDMI cable (such as Tripp Lite's P568- or P569-Series). Then, connect the pigtail receiver to the display with its built-in HDMI cable. Finally, connect the two units with user-supplied Cat6 patch cable (such as Tripp Lite N202-Series).

TAA-Compliant for GSA Schedule Purchases
The B127A-1A1-BHPH is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332258632
Product Type	Extender Kit
Technology	HDMI; Cat5/5e; Cat6; POC

VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Max Supported Video Resolution	3840x2160 (4K @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	230
Max 1920 x 1080 (1080p) Range (ft)	230
Max 1920 x 1200 Range (ft)	230
Max 2560 x 1600 Range (ft)	230
Max 3840 x 2160 (4K@30Hz) Range (ft)	230
Max 3840 x 2160 (4K@60Hz) Range (ft)	230
Transmitter Video Input	HDMI
Transmitter - Number of Video Outputs	1
Transmitter - Local Display Output	HDMI
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Range Extension using other Tripp Lite product	170ft or 230ft
Recommended Cabling	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
Other Tripp Lite product used to extend range	B127A-010-H or B127A-110-BH

Max Supported Color Depth	36-bit True Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	230
Maximum Signal Range (m)	70
AUDIO	
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	Pass-through audio (LPCM 2.0/5.1/7.1)
INPUT	
Bus Powered	No
POWER	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P; BS1363; CEE 7/16 Schuko; AS/NZS 3112
Power Source	Transmitter end only (Included)
Power Over Cable (PoC) Support	Yes
External Power Supply Input Specs (V / Hz / A)	100-240V / 50-60Hz / 0.6A
External Power Supply Output Specs (V / A)	24V/1A
External Power Supply Cord Length (ft.)	4.5
External Power Supply Cord Length (m.)	1.38
External Power Supply Certifications	CE; FCC; CCC; GS; TUV; UL; cUL
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	TX: Green (Power); RJ45 Port: Green (Connection), Orange (Activity); RX: RJ45 Port: Green (Connection), Orange (Activity)
PHYSICAL	
Material of Construction	Metal (Transmitter), Plastic (Receiver)
Included Mounting Accessories	Wallmount
Number of Displays	1
Optional Mounting Accessory Notes	TX can only be wallmounted
Form Factor/Mounting Options	Box; Pigtail

Rackmountable	Yes
Receiver Unit Dimensions (hwd / cm.)	1.86 x 4.7 x 7.5
Transmitter Unit Dimensions (hwd / cm.)	2.7 x 11.5 x 6.24

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

COMMUNICATIONS	
Signal Range (ft.)	230
Signal Range (m)	70
Transmission Distance	230 ft.
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
Latency	Zero-Latency
USB Extension Support	No

CONNECTIONS	
Side A - Connector 1	(2) HDMI (FEMALE)
Side A - Connector 2	RJ45 (FEMALE)
Side A - Connector 3	(2) 3.5MM (FEMALE)
Side B - Connector 1	HDMI (MALE)
Side B - Connector 2	RJ45 (FEMALE)

FEATURES & SPECIFICATIONS	
Driver Required	No
Recommended Category Cable	Cat6
10/100 Ethernet Extension Support	No
DIN Mountable	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No

Multi-Resolution Support	No
Built-In Equalizer	No
STANDARDS & COMPLIANCE	
Certifications	Tested to CE, FCC, REACH, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty