2-Port HDMI over Cat6 Extender Kit, Splitter/2x Pigtail Receivers - 4K 60 Hz, HDR, 4:4:4, PoC, 230 ft. (70.1 m), TAA

MODEL NUMBER: **B127A-002-BHPH2**

Splits and extends a 4K audio/video signal 230 ft. via Cat6 cable to 2 HDMI displays.

Features

HDMI Dual-Output Extender Kit Ideal for Digital Signage in Schools and Workplaces
This 4K splitter/receivers combo 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.

Extends a 4K A/V Transmission up to 230 ft… or Even Farther
The included splitter connects to both included pigtail receivers to extend 4K signals from an HDMI source to two HDMI displays up to 230 feet (70.1 meters) away via user-supplied Cat6 cabling. By adding B127A-010-H signal repeaters (sold separately) to the application, you can extend the signal to each connected display up to 400 feet (121.9 meters).

Transmits Crystal-Clear 4K Video with Multi-Channel Audio, HDR and 4:4:4 Color
The B127A-002-BHPH2 supports Ultra HD resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz with true uncompressed 7.1-channel digital audio and Dolby TrueHD. 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. Advanced 4:4:4 chroma subsampling is ideal for top-level PC gaming or using your HDTV as a PC monitor.

Multi-Resolution Support Allows Mixing and Matching of Displays of Different Resolutions
Say you have a brand new 4K/60 Hz HDTV in one room, but want to also connect your Blu-ray player or satellite box to an older 1080p TV in another room. The B127A-002-BHPH2 is backward compatible with 4K/30 Hz and 1080p resolutions via automatic switching, allowing each connected monitor to display video at its maximum resolution.

Built-In PoC Technology Provides Receiver Power to Avoid Bulky External Power Bricks
Power over Cable (PoC) technology powers the connected receivers over Cat6 cable. LEDs indicate when 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 receivers where needed without worrying about finding a nearby AC outlet.

Plug-and-Play Operation for Quick Setup and Immediate Use
The splitter and receivers work right out of the package with no software required. Mounting hardware is

Highlights

Supports 4K @ 60 Hz video resolutions (4:4:4) as specified in HDMI 2.0 Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracyCombines with optional B127A-010-H repeaters to extend signal to 400 ft.Power over Cable (PoC) technology provides power to receivers via Cat6 cableCompliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

- 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 displays are placed without the hassle of finding extra AC outlets for the receivers

- 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(s) with HDMI input (HDTV, projector, monitor)

Package Includes

- B127A-002-BH 2-Port HDMI over Cat6 Splitter

- (2) B127A-1P0-PH 1-Port HDMI over Cat6 Receivers

- External power supply (Input: 100–240V, 50/60 Hz, 0.6A; Output: 24V 1A)

- (4) International plug adapters (North America, U.K., Europe, Australia)

- Mounting hardware

- Owner's manual

included for installing the splitter on a wall, pole or 19-inch rack. Connect the splitter to an HDMI source device with a user-supplied HDMI cable (such as P568- or P569-Series). The receivers' pigtail HDMI connectors plug directly into a 4K display.

TAA-Compliant for GSA Schedule Purchases
The B127A-002-BHPH2 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	037332263926
Product Type	Splitter; Extender Kit
Technology	Cat6; HDMI; POC; Stereo Audio
Host Connector	HDMI (FEMALE)

VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Number of Monitors Supported	2
Video Ports	(2) RJ45 (FEMALE)
Video Ports Details	HDMI 2.0; HDCP 2.2
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 1920x1200; 2560x1600; 3840x2160 (4K)
Max Supported Video Resolution	3840 x 2160 @ 60Hz
Max. Distance (Between any 2 Units)	230 ft. (70.1 m)
Max 720P Range (ft)	230
Max 1080P Range (ft)	230
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) Range (ft)	230
Max 3840 x 2160 (4K@30Hz) Range (ft)	230
Max 3840 x 2160 (4K@60Hz) Range (ft)	230
Maximum Distance with Booster	400
Transmitter Video Input	HDMI
Transmitter - Number of Video Outputs	1

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)
Extended Mode	Yes
Extended Mode Details	x2 RJ45 Ports (4K/60 Hz). When using a laptop/Macbook only the first display will be extended. The remaining display will be mirrored.
Mirror Mode	Yes
Mirror Mode Details	x2 RJ45 Ports (4K/60 Hz)When using a laptop/Macbook only the first display will be extended. The remaining display will be mirrored.When using a DVR/DVD/Blu-Ray player both displays will be mirrored.
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

AUDIO	
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	True uncompressed 7.1 Channel digital audio

INPUT	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.6A
AC Power Adapter Output Specs (V / A)	24V / 1A
AC Power Adapter Cord Length (ft.)	4.53
AC Power Adapter Cord Length (m)	1.38
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Built-In Cable Length (ft.)	0.08
Built-In Cable Length (m)	0.03
Built-In Cable Length (in.)	1
Built-In Cable Length (cm)	2.54
Bus Powered	No

POWER	
Power Source Type	AC Adapter

Power Over Cable (PoC) Support	Yes
Receiver Power Source	Power Over Cable

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Transmitter: RJ45 Ports (x2) = Green (Power), Orange (Transmitting Data); Power = Green; x2 Receiver Units: RJ45 Ports (x1 each) = Green (Power), Orange (Receiving video from TX)

PHYSICAL	
Color	Black
Material of Construction	Metal
Cable Length (ft.)	0
Cable Length (m)	0.00
Included Mounting Accessories	Brackets
Rackmountable	Yes
Receiver Unit Dimensions (hwd / cm.)	1.86 x 4.7 x 7.5
Receiver Unit Dimensions (hwd / in.)	0.732 x 1.85 x 2.95
Receiver Unit Weight (kg)	0.45
Receiver Unit Weight (lbs.)	1
Shipping Dimensions (hwd / in.)	2.17 x 13.86 x 6.46
Shipping Dimensions (hwd / cm)	5.51 x 35.20 x 16.41
Shipping Weight (lbs.)	2.27
Shipping Weight (kg)	1.03
Transmitter Unit Dimensions (hwd / cm.)	2.7 x 11.5 x 6.24
Transmitter Unit Dimensions (hwd / in.)	1.06 x 4.53 x 2.46
Transmitter Unit Weight (kg)	0.45
Transmitter Unit Weight (lbs.)	1
Unit Packaging Type	Box
Unit Weight (lbs.)	1
Unit Weight (kg)	0.45

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%

COMMUNICATIONS	
Max 1024 x 768 Range (ft)	230

Signal Range (ft.)	230
Signal Range (m)	70
Max 480P Range (ft)	230
Transmission Distance	230 ft.
Max 1440 x 900 Range (ft)	230
Max 1080i Range (ft)	230
Max 4K UHD Range (ft)	230
Max 480i Range (ft)	230
Max 640 x 480 Range (ft)	230
Max 800 x 600 Range (ft)	230
Max 1600 x 1200 Range (ft)	230
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
Latency	Zero Latency

CONNECTIONS	
Number of Ports	2
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	(2) RJ45 (FEMALE)
Side B - Connector 1	(2) RJ45 (FEMALE)
Side B - Connector 2	(2) HDMI (MALE)
Input x Output	1 x 2
Daisy-chainable / Cascadable	No

FEATURES & SPECIFICATIONS	
All-in-One Kit	Yes
10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	Yes
Multi-Resolution Support	Yes
Built-In Equalizer	Yes
HDCP Specification	1.4; 2.2
Driver Required	No

Recommended Category Cable	Cat6
DIN Mountable	No

STANDARDS & COMPLIANCE	
External Power Supply Certifications	CCC; CE; GS; TUV; UL; cUL
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA); UKCA

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