

## 4-Port HDMI over Cat6 Splitter/Extender, PoC, Multi-Resolution Support, 4K @ 60 Hz, HDR, 125 ft., TAA

MODEL NUMBER: B127P-004-H



Transmitter/splitter extends a 4K HDMI audio/video signal via Cat6 cable to 4 projectors, monitors or HDTVs up to 125 ft. away.

### Features

#### Splitter Ideal for Digital Signage or Displaying Video in Schools or Trade Show Booths

This four-port transmitter/splitter is recommended for video presentations in conference rooms, schools, trade shows, meeting facilities, houses of worship, retail settings and other digital signage applications where the source and display are farther apart than conventional A/V cables allow. The B127P-004-H extends 4K (at 60Hz) video and stereo audio signals from an HDMI source device to four HDMI displays up to 125 feet (38.1 meters) away via user-supplied Cat6 cabling. It can also extend a 4K HDMI signal (at 30 Hz) up to 150 feet (45.7 meters) and a 1080p HDMI signal (at 60 Hz) up to 200 feet (61 meters) using Tripp Lite's B127P-100-H receiver.

#### Transmits Crystal-Clear 4K HDMI Video with Multi-Channel Audio and 4:4:4 Color

The B127P-004-H supports Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz with full, rich uncompressed DTS-HD, Dolby TrueHD and 7.1-channel digital audio. This transmitter is compatible with HDMI 2.0 standards for carrying HDR signals, which provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. It supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. HDCP 2.2 compliance allows you to stream iTunes and Netflix content with no complications.

#### Multi-Resolution Support Allows Mixing and Matching of Displays of Different Resolutions

Say you have a brand new 4K (at 60 Hz) HDTV in the living room, but want to also connect your Blu-ray player or satellite box to the older 1080p TV in the bedroom. The B127P-004-H is backward compatible with 4K (at 30 Hz) and 1080p (at 60 Hz) resolutions via automatic switching. This splitter allows each connected television to display video at its maximum resolution. Most other splitters default all displays to the lowest common resolution (meaning you would only get a 1080p image on that new 4K TV).

#### Built-In PoC Technology Provides Power to Avoid Bulky External Power Bricks

Built-in Power over Cable (PoC) technology powers the connected B127P-100-H or B127P-100-H-SR receiver over Cat6 cable. Green and orange LEDs will light up to indicate the unit is receiving power and a signal is being received. PoC lets you avoid the hassle of a bulky power brick and gives you the freedom to transfer power to the remote receivers and place them away from an AC outlet.

#### Plug-and-Play Operation for Quick Setup and Immediate Use

The included transmitter works right out of the box with no software required. Mounting hardware is included for installing the unit on a wall, pole or 19-inch rack. Connect the transmitter to the source with a

### Highlights

- Works in tandem with Tripp Lite B127P-100-H or B127P-100-H-SR remote receivers
- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear video
- Power over Cable (PoC) technology provides power to the receiver via Cat6 cable
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- Supports multi-resolution output to allow for combination of different display types

### Applications

- Connect a media server, Blu-ray player, cable/satellite box, Roku, gaming system or other home theater component to four large-screen 4K televisions or projectors
- Upgrade the video quality of your trade show presentation or digital signage installation in a commercial or educational setting to 4K x 2K
- Set up digital signage with a single video signal being transmitted to 4 monitors, each displaying its maximum resolution
- Mount a security camera in an out-of-the-way spot without the burden of placing it near an AC



user-supplied HDMI cable (such as Tripp Lite's P568- or P569-Series). Then, connect the transmitter to Tripp Lite B127P-100-H or B127P-100-H-SR remote receivers using Cat6 patch cable (such as Tripp Lite N202-Series cable).

#### Daisy-Chain Multiple Transmitters to Add More Displays

An HDMI output is included for connecting up to three additional B127P-004-H transmitters, each of which splits the original HDMI signal into four. You can also connect an optional display to monitor the image connected to the receivers up to 125 feet away.

#### TAA-Compliant for GSA Schedule Purchases

The B127P-004-H is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

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#### System Requirements

- Source device with HDMI output (Blu-ray player, cable box, laptop)
- Tripp Lite B127P-100-H or B127P-100-H-SR remote receivers

#### Package Includes

- Transmitter unit
- External power supply with 4.5 ft. cord (Input: 100–240V, 50/60 Hz, 1.5A; Output: 24V 2A)
- (4) International plug adapters (North America, Europe, U.K. and Australia)
- Mounting hardware
- Owner's manual

## Specifications

OVERVIEW	
UPC Code	037332239198
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
External Power Supply Input Specs (V / Hz / A)	100-240V~50/60Hz, 1.5A
External Power Supply Output Specs (V / A)	24V/2A
External Power Supply Cord Length (ft.)	4.5
External Power Supply Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
External Power Supply Certifications	CCC; CE; FCC; GS; TUV; UL; cUL
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	x6 ORANGE (OUTPUT, LOCAL, INPUT), GREEN (POWER), x4 GREEN (RJ45 CONNECTION) x4 ORANGE (RJ45 DATA)



<b>PHYSICAL</b>	
Color	Black
Material of Construction	Metal
Rackmountable	Yes
Unit Dimensions (hwd / in.)	1.17 x 9.25 x 3.94
Unit Packaging Type	Box
Unit Weight (kg)	0.65
Unit Weight (lbs.)	1.43
<b>ENVIRONMENTAL</b>	
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
<b>COMMUNICATIONS</b>	
Signal Range (ft.)	125
Signal Range (m)	38
<b>CONNECTIONS</b>	
Ports	4
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	(4) RJ45 (FEMALE)
Side B - Connector 2	HDMI (FEMALE)
<b>PORT EXPANSION</b>	
Max Distance (Between any 2 Units)	6ft
Max Number of Ports (Entire Chain)	12
<b>FEATURES &amp; SPECIFICATIONS</b>	
Max Supported Video Resolution	3840 x 2160 @60Hz
HDMI Specification	2.0
HDCP Specification	2.2
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby-TrueHD audio
Driver Required	No
Recommended Category Cable	N202-Series Cat6 Solid Wire Cables
EDID Compatible	Yes



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Power Over Cable (PoC) Support	Yes
Technology	HDMI; HDR
Chroma Sub Sampling	4:4:4
<b>SPECIAL FEATURES</b>	
HDR Support	Yes
Multi-Resolution Support	Yes
<b>CERTIFICATIONS</b>	
Certifications	Tested to CE, FCC, RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

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