

HDMI over Cat6 Splitter/Extender with PoC & Multi-Resolution Support, 4 Ports - 4K @ 60 Hz, 4:4:4, 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 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.

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 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

Highlights

- Works in tandem with Tripp Lite B127P-100-H or B127P-100-H-SR remote receivers
- Supports UHD resolutions up to 3840 x 2160 (@ 60 Hz) for crystal-clear 4K x 2K video
- Power over Cable (PoC) technology provides power to the receiver via Cat6 cable
- Supports 4:4:4 chroma subsampling for HDR displays, meeting latest color standards
- 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 outlet



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.

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)
PHYSICAL	



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
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.)	125
Signal Range (m)	38
CONNECTIONS	
Ports	4
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	(4) RJ45 (FEMALE)
Side B - Connector 2	HDMI (FEMALE)
PORT EXPANSION	
Max Distance (Between any 2 Units)	6ft
Max Number of Ports (Entire Chain)	12
FEATURES & SPECIFICATIONS	
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
Power Over Cable (PoC) Support	Yes
Technology	HDMI; HDR



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Chroma Sub Sampling	4:4:4
SPECIAL FEATURES	
HDR Support	Yes
Multi-Resolution Support	Yes
CERTIFICATIONS	
Certifications	Tested to CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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