4-Port HDMI over Cat6 Splitter/Extender, Transmitter for Video/Audio, PoC, HDR, 4K @ 60 Hz, 125 ft., TAA

MODEL NUMBER: **B127-004-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 B127-004-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 B127-004-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 provide a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance allows you to stream iTunes and Netflix content with no complications. This unit supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Built-In PoC Technology Provides Power to Avoid Bulky External Power Bricks
Built-in Power over Cable (PoC) technology powers the connected B127-100-H or B127-100-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.

Daisy-Chain Multiple Transmitters to Add More Displays
An HDMI output is included for connecting up to three additional B127-004-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.

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 B127-100-H or B127-100-H-SR remote receivers using Cat6 patch cable (such as Tripp Lite N202-Series cable).

Highlights

- Works in tandem with Tripp Lite B127-100-H or B127-100-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 receivers via Cat6 cable
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- Transmitter's local port shows you the UHD image being displayed up to 125 ft. away

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

System Requirements

- Source device with HDMI output

TAA-Compliant for GSA Schedule Purchases
The B127-004-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.

(Blu-ray player, cable box, laptop)

- Tripp Lite B127-100-H or B127-100-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	037332239044

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; PSE; TUV; UL; cUL

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Tx: x1 Green (Power), x6 Orange (Local, 1,2,3,4 Output, Input); Tx RJ45 port: x4 Green (Connected), x4 Orange (Activity)

PHYSICAL	
Color	Black
Material of Construction	Metal

Rackmountable	Yes
Shipping Dimensions (hwd / cm)	6.10 x 16.00 x 34.54
Shipping Dimensions (hwd / in.)	2.40 x 6.30 x 13.60
Shipping Weight (kg)	1.13
Shipping Weight (lbs.)	2.50
Unit Dimensions (hwd / in.)	1.17 x 9.25 x 3.94
Unit Packaging Type	Box
Unit Weight (kg)	0.29
Unit Weight (lbs.)	0.65
ENVIRONMENTAL	
Operating Temperature Range	32 to 104 °F (0 to 40 °C)
Storage Temperature Range	5 to 122 °F (-13 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	(2) HDMI (FEMALE)
Side B - Connector 1	(4) RJ45 (FEMALE)
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	4K x 2K (3840 x 2160) @60Hz
HDMI Specification	2.0
HDCP Specification	2.2
Audio Specification	True uncompressed 7.1 Channel, DTS-HD & Dolby-TrueHD digital audio
Driver Required	No
Recommended Category Cable	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
Max Supported Color Depth	24-bit True Color
EDID Compatible	Yes
Power Over Cable (PoC) Support	Yes
Technology	Cat6; HDMI; HDR
Chroma Sub Sampling	4:4:4

SPECIAL FEATURES	
HDR Support	Yes

STANDARDS & COMPLIANCE	
Certifications	Tested to CE, FCC, REACH, RoHS

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