

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

MODEL NUMBER: **B127-008-D**



Transmitter/splitter extends a 4K DisplayPort audio/video signal via Cat6 cable to 8 HDMI monitors or HDTVs up to 125 ft. away.

Features

Splitter Ideal for Digital Signage or Displaying Video in Schools or Trade Show Booths This eight-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 B127-008-D extends 4K video and stereo audio signals from a DisplayPort source device to eight HDMI-enabled projectors, monitors or televisions up to 125 feet (38.1 meters) away via user-supplied Cat6 cabling.

Built-In PoC Technology Provides Power to Avoid Bulky External Power Bricks Built-in Power over Cable (PoC) technology powers the connected B127-Series receivers 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 place the receivers away from an AC outlet.

Transmits Crystal-Clear 4K Video with Multi-Channel Audio and 4:4:4 Color The B127-008-D supports Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz with full, rich uncompressed DTS-HD, Dolby AC-3 and 8-channel LPCM digital audio. The transmitter also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

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 DisplayPort cable (such as Tripp Lite's P580-Series). Then, connect the transmitter to a Tripp Lite B127-100-H, B127-200-H or B127-100-H-SR remote receiver using Cat6 Ethernet cable (such as Tripp Lite N202-Series cable). You can also connect an optional display to the local HDMI output to monitor the image transmitted to the receivers up to 125 feet away.

TAA-Compliant for GSA Schedule Purchases The B127-008-D is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Highlights

- Requires Tripp Lite B127-100-H, B127-200-H or B127-100-H-SR remote receiver
- Maintains UHD resolutions up to 3840 x 2160 @ 60 Hz (4:4:4) for crystal-clear 4K video
- Power over Cable (PoC) technology provides power to the receivers via Cat6 cable
- Transmitter's local HDMI port allows you to see the image being displayed 125 ft. away
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Connect a media server, Blu-ray player, cable/satellite box, Roku, gaming system or other home theater component to 8 large-screen 4K televisions or projectors
- Upgrade the video quality of your trade show presentation in a commercial or educational setting to 4K x 2K
- Set up digital signage with a single video signal being transmitted to 8 monitors, each displaying its maximum resolution

System Requirements

- Source device with DisplayPort output (Blu-ray player, cable box, laptop)



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- Tripp Lite B127-100-H, B127-200-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	037332254788
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
Bus Powered	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Tx: x1 Green (Power); x10 Orange (Local, 1-8 Output, Input); Tx RJ45 Port: x8 Green (Connected), x8 Orange (Activity)
PHYSICAL	
Color	Black
Material of Construction	Metal



Rackmountable	Yes
Shipping Dimensions (hwd / cm)	5.51 x 35.20 x 16.41
Shipping Dimensions (hwd / in.)	2.17 x 13.86 x 6.46
Shipping Weight (kg)	0.65
Shipping Weight (lbs.)	1.43
Unit Dimensions (hwd / in.)	1.169 x 9.252 x 3.97
Unit Dimensions (hwd / mm)	29.7 x 235 x 100
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	8
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	DISPLAYPORT (FEMALE)
Side B - Connector 1	(8) RJ45 (FEMALE)
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	4K x 2K (3840 x 2160) @ 60 Hz
Displayport Specification	1.2a
HDMI Specification	2.0
HDCP Specification	1.3
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



3D Video Supported	Yes
Technology	Cat6; DisplayPort; HDMI
Transmission Distance	3840 x 2160 (4K) @ 60 Hz, 4:4:4 = 125 ft (40 m); 3840 x 2160 (4K) @ 30Hz = 150 ft. (45 m); 1080p @ 60Hz = 200 ft (60 m)
Chroma Sub Sampling	4:4:4
SPECIAL FEATURES	
HDR Support	No
DIN Mountable	No
Integrated/Removable Cable	No
MST Support	No
Included Mounting Accessory	Yes
Multi-Resolution Support	Yes
STANDARDS & COMPLIANCE	
Certifications	Tested to CE, FCC, REACH, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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