

8-Port DisplayPort to HDMI over Cat6 Splitter/Extender, Transmitter for Video/Audio, PoC, 4K 60 Hz, 125 ft. (38 m), 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-ft. (38.1 m) 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 P580-Series). Then, connect the transmitter to a B127-100-H, B127-200-H or B127-100-H-SR remote receiver using Cat6 Ethernet cable (such as 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-ft. (38.1 m) 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.

Specifications

Highlights

- Requires 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. (38.1 m) 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)
- B127-100-H, B127-200-H or B127-100-H-SR remote receivers

Package Includes

- Transmitter unit
- External power supply with 4.5-ft. (1.37 m) 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

OVERVIEW	
UPC Code	037332254788
Product Type	Transmitter
Technology	DisplayPort; HDMI; Cat5/5e; Cat6; POC
VIDEO	
Max Supported Video Resolution	3840 x 2160 (4K @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	200
Max 1920 x 1080 (1080p) Range (ft)	200
Max 1920 x 1200 Range (ft)	150
Max 2560 x 1600 Range (ft)	150
Max 3840 x 2160 (4K@30Hz) Range (ft)	150
Max 3840 x 2160 (4K@60Hz) Range (ft)	125
Transmitter Video Input	DisplayPort
Transmitter - Number of Video Outputs	8
Transmitter - Local Display Output	HDMI
Recommended Cabling	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
Max Supported Color Depth	24-bit True Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	125
Maximum Signal Range (m)	38
AUDIO	
Audio Input	Displayport
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD
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 / 1.5A
AC Power Adapter Output Specs (V / A)	24V / 2A
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.38

Bus Powered	No
POWER	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P; BS1363; CEE 7/16 Schuko; AS/NZS 3112
Power Source	Transmitter end only (Included)
Power Over Cable (PoC) Support	Yes
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
Included Mounting Accessories	Wallmount
Number of Displays	8
Form Factor/Mounting Options	Box; Wall-mount
Rackmountable	Yes
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.)	1.43
Shipping Weight (kg)	0.65
Unit Dimensions (hwd / in.)	1.169 x 9.252 x 3.970
Unit Dimensions (hwd / mm)	29.7 x 235 x 100
Unit Packaging Type	Box
Unit Weight (lbs.)	1.43
Unit Weight (kg)	0.65
Housing	Metal
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

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)
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No
CONNECTIONS	
Number of Ports	8
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	DISPLAYPORT (FEMALE)
Side B - Connector 1	(8) RJ45 (FEMALE)
Daisy-chainable / Cascadable	No
PORT EXPANSION	
Daisy-chainable or Cascadable	Yes
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	Yes
Multi-Resolution Support	Yes
Built-In Equalizer	No
Displayport Specification	1.2a
HDCP Specification	2.2
Driver Required	No
Recommended Category Cable	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
DIN Mountable	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CCC; CE; FCC; GS; PSE; TUV; UL; cUL
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty



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