

This product supports 4K 60 Hz 4:4:4 subsampling for HDR televisions. To ensure optimal performance,

check the factory default settings on your TV:

- Frequency (Hz) should be set to 60 Hz
- HDR feature should be enabled
- HDMI input settings should be set to 2.0
- UHD Deep Color should be set to ON

4-Port DisplayPort to HDMI over Cat6 Splitter/Extender Kit, Transmitter/4 Receivers, 4K 60 Hz, PoC, 125 ft., TAA

MODEL NUMBER: B127-004-D4H



Splitter/receiver kit extends a 4K DisplayPort signal via Cat6 cable to 4 HDMI projectors, monitors or HDTVs up to 125 ft. away.

Features

DP to HDMI Splitter for Digital Signage or Extending Video in Schools or Trade Show Booths This complete 4-port transmitter and receiver system is recommended for video presentations in conference rooms, schools, trade shows, meeting facilities, houses of worship, retail settings and digital signage applications where the source and display are farther apart than conventional A/V cables allow. The B127-004-D4H extends 4K video and stereo audio signals from a DisplayPort (DP) source device to four HDMI displays up to 125 feet (38 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-D4H supports Ultra HD video resolutions up to 4K x 2K (3840 x 2160) at 60 Hz, as specified in HDMI 2.0, with full, rich uncompressed DTS-HD, Dolby AC-3 and 8-channel LPCM digital audio. Built-in equalization automatically fine-tunes the image quality at the remote displays with no time-consuming manual fiddling needed. It also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Built-In PoC Technology Provides Receiver Power to Avoid Bulky External Power Bricks Built-in Power over Cable (PoC) technology powers the low-profile receivers over Cat6 cable. Green and orange LEDs on the transmitter and receivers will light up to indicate the system is receiving power and a signal is being transmitted.

Plug-and-Play Operation for Quick Setup and Immediate Use The included transmitter and receiver units work right out of the box with no software required. Mounting hardware is included for installing the units on walls, poles or 19-inch racks. Connect the transmitter to the source with a DisplayPort cable (Tripp Lite P580-Series) and the receivers to their displays with HDMI cable (such as Tripp Lite's P568- or

Highlights

- 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
- Transmitter's local HDMI port allows you to see the image being displayed 125 ft. away
- Includes mounting hardware for installation on a wall, pole or 19 in. rack
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Connect a media server, cable/satellite box, gaming system or other home theater component to multiple 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

System Requirements

- Source device with DisplayPort output (media server, laptop)
- Display devices with HDMI input (HDTV, projector, monitor)

Package Includes

- Transmitter unit
- (4) Receiver units
- External power supply (Input: 100–240V)
- (4) International plug adapters (North America, Europe, U.K. and Australia)
- Mounting hardware
- Owner's manual



P569-Series). Connect the transmitter to the four receivers using Cat6 patch cable (Tripp Lite N202-Series). You can also connect an optional display to the transmitter's local HDMI output to monitor the image transmitted to the receivers up to 125 feet away.

TAA-Compliant for GSA Schedule PurchasesThe B127-004-D4H 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

OVERVIEW	
UPC Code	037332239037
Product Type	Extender Kit
Technology	DisplayPort; HDMI; Cat5/5e; Cat6; POC
VIDEO	
Video Input	DISPLAYPORT (FEMALE)
Video Output	HDMI (FEMALE)
Max Supported Video Resolution	3840x2160 (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	4
Transmitter - Local Display Output	HDMI
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
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 Output	HDMI
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD
INPUT	
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
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 Cord Length (m.)	1.38
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Tx: x1 Green (Power), x4 Orange (Input, Local, Output 1, 2, 3, 4); Tx RJ45 port: x4 Green (Connected), x4 Orange (Activity) (x4) Rx: x1 Green (Power); Rx RJ45 port: Green (Connected), Orange (Activity)
PHYSICAL	
Material of Construction	Metal
Color	Black
Included Mounting Accessories	Wallmount
Number of Displays	4
Form Factor/Mounting Options	Box; Wall-mount
Rackmountable	Yes
Receiver Unit Dimensions (hwd / in.)	1.06 x 4.53 x 2.46
Receiver Unit Weight (lbs.)	0.45
Shipping Dimensions (hwd / cm)	10.41 x 15.49 x 34.29
Shipping Dimensions (hwd / in.)	4.10 x 6.10 x 13.50
Shipping Weight (kg)	2.22



Shipping Weight (lbs.)	4.90
Transmitter Unit Dimensions (hwd / in.)	1.17 x 9.25 x 3.94
Transmitter Unit Weight (lbs.)	1.43
Unit Packaging Type	Box
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
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	4
Side A - Connector 1	(4) RJ45 (FEMALE)
Side A - Connector 2	HDMI (FEMALE)
Side A - Connector 3	DISPLAYPORT (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
Side B - Connector 2	HDMI (FEMALE)
FEATURES & SPECIFICATIONS	
Displayport Specification	1.2a
HDCP Specification	2.2
Driver Required	No
Recommended Category Cable	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes



STANDARDS & COMPLIANCE	
Certifications	Tested to CE, FCC, REACH, RoHS
External Power Supply Certifications	CCC; CE; FCC; GS; PSE; TUV; UL; cUL
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

© 2021 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.

Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>