Important Note

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.

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

MODEL NUMBER: **B127-002-D2H**







Splitter/receiver kit extends a 4K DisplayPort signal via Cat6 cable to 2 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 2-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 B127-002-D2H extends 4K video and stereo audio signals from a DisplayPort (DP) source device to two 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 B127-002-D2H 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 (P580-Series) and the receivers to their displays with HDMI cable (such as P568- or P569-Series). Connect the transmitter to the two receivers using Cat6 patch cable (N202-Series).

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
- Supports DTS-HD, Dolby AC-3 and 8-channel LPCM digital audio
- Plug-and-play operation with no software required for easy, immediate installation
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

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

TAA-Compliant for GSA Schedule Purchases The B127-002-D2H 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	037332239020
Product Type	Extender Kit
Technology	DisplayPort; HDMI; Cat5/5e; Cat6; POC
VIDEO	
Video Input	DISPLAYPORT (FEMALE)
Video Output	HDMI (FEMALE)
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	2
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	
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 / 0.6A
AC Power Adapter Output Specs (V / A)	24V / 1A
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
CONNECTIONS	
Number of Ports	2
Side A - Connector 1	(2) RJ45 (FEMALE)
Side A - Connector 2	DISPLAYPORT (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
Daisy-chainable / Cascadable	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Tx: x1 Green (Power), x2 Orange (Output 1, Output 2); Tx RJ45 port: x2 Green (Connected), x2 Orange (Activity) (x2) Rx: x1 Green (Power); Rx RJ45 port: Green (Connected), Orange (Activity)
PHYSICAL	
Color	Black
Material of Construction	Metal
Included Mounting Accessories	Wallmount
Number of Displays	2
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 / in.)	2.17 x 13.86 x 6.46

Shipping Dimensions (hwd / cm)	5.51 x 35.20 x 16.41
Shipping Weight (lbs.)	2.36
Shipping Weight (kg)	1.07
Transmitter Unit Dimensions (hwd / in.)	1.06 x 4.53 x 2.46
Transmitter Unit Weight (lbs.)	0.45
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
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes
Displayport Specification	1.2a
HDCP Specification	2.2
Driver Required	No
Recommended Category Cable	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
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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