



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
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www.triplite.com

This product supports 4K 60Hz 4:4:4 subsampling for HDR televisions. To ensure optimal performance, check the factory default settings on your TV. (1) The frequency (Hz) should be set to 60Hz (2) HDR feature should be enabled (3) HDMI input settings should be set to 2.0 (4) UHD Deep Color should be set to ON.

2-Port DisplayPort to HDMI over Cat6 Splitter/Extender Kit, Transmitter/Dual Receivers, PoC, 4K @ 60 Hz, Up to 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 3840 x 2160 (4K x 2K) at 60 Hz 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 P569-Series). Connect the transmitter to the two receivers using Cat6 patch cable (Tripp Lite N202-Series).

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.

Highlights

- 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
- 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



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(North America, Europe, U.K.
and Australia)

- Mounting hardware
- Owner's manual

Specifications

| OVERVIEW | |
|--|---|
| UPC Code | 037332239020 |
| 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, 0.6A |
| External Power Supply Output Specs (V / A) | 24V/1A |
| 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; TUV; UL; cUL |
| 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 |
| Rackmountable | Yes |
| Receiver Unit Dimensions (hwd / in.) | 1.06 x 4.53 x 2.46 |
| Receiver Unit Weight (lbs.) | 0.45 |
| Transmitter Unit Dimensions (hwd / in.) | 1.06 x 4.53 x 2.46 |
| Transmitter Unit Weight (lbs.) | 0.45 |
| Unit Packaging Type | Box |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32 to 104°F (0 to 40°C) |



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|--------------------------------------|--|
| 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 | 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) |
| FEATURES & SPECIFICATIONS | |
| Max Supported Video Resolution | 4K x 2K (3840 x 2160) @60Hz |
| Displayport Specification | 1.2a |
| 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) |
| EDID Compatible | Yes |
| Power Over Cable (PoC) Support | Yes |
| Technology | A/V over IP; Cat6; DisplayPort; 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 |



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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>