# 2-Port HDMI over Cat6 Splitter/Extender, Transmitter for Video/Audio, PoC, HDR, 4K @ 60 Hz, 125 ft., TAA

MODEL NUMBER: **B127-002-H**

Transmitter/splitter extends a 4K HDMI audio/video signal via Cat6 cable to 2 projectors, monitors or HDTVs up to 125 ft. away.

## Features

**Splitter Ideal for Digital Signage or Displaying Video in Schools or Trade Show Booths**
This two-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 B127-002-H extends 4K video and stereo audio signals from an HDMI 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-H supports Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz with full, rich uncompressed DTS-HD, Dolby TrueHD and 7.1-channel digital audio. This transmitter is compatible with HDMI 2.0 standards for carrying HDR signals, which provide a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance allows you to stream iTunes and Netflix content with no complications. This unit supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor..

**Built-In PoC Technology Provides Power to Avoid Bulky External Power Bricks**
Built-in Power over Cable (PoC) technology powers the connected B127-100-H or B127-100-H-SR receiver 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 transfer power to the remote receivers and place them away from an AC outlet.

**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 HDMI cable (such as Tripp Lite's P568- or P569-Series). Then, connect the transmitter to Tripp Lite B127-100-H or B127-100-H-SR remote receivers using Cat6 patch cable (such as Tripp Lite N202-Series cable).

**TAA-Compliant for GSA Schedule Purchases**
The B127-002-H 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

- Works in tandem with Tripp Lite B127P-100-H or B127P-100-H-SR remote receivers
- 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
- High Dynamic Range (HDR) supported for richer contrast and expanded color accuracy
- Supports multi-resolution output to allow for combination of different display types

## Applications

- Connect a media server, Blu-ray player, cable/satellite box, Roku, gaming system or other home theater component to two 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
- Set up digital signage with a single video signal being transmitted to 2 monitors, each displaying its maximum resolution

## System Requirements

- Source device with HDMI output

(Blu-ray player, cable box,

laptop)

- Tripp Lite B127-100-H or B127-

  100-H-SR remote receiver

**Package Includes**

- Transmitter unit
- External power supply with 4.5

  ft. cord (Input: 100–240V, 50/60

  Hz, 0.6A; Output: 24V 1A)

- (4) International plug adapters

  (North America, Europe, U.K.

  and Australia)

- Mounting hardware
- Owner's manual

# Specifications

| OVERVIEW | |
|---|---|
| UPC Code | 037332239075 |

| 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 (1 & 2 Output); TX: RJ45 port: x2 Green (Connected), x2 Orange (Activity) |

| PHYSICAL | |
|---|---|
| Color | Black |
| Material of Construction | Metla |

| Rackmountable | Yes |
| --- | --- |
| Unit Dimensions (hwd / in.) | 1.06 x 4.53 x 2.46 |
| Unit Packaging Type | Box |
| Unit Weight (kg) | 0.25 |
| Unit Weight (lbs.) | 0.55 |

**ENVIRONMENTAL**

| | |
| --- | --- |
| Operating Temperature Range | 32 to 104 °F (0 to 40 °C) |
| Storage Temperature Range | 5 to 122 °F (-13 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 B - Connector 1 | HDMI (FEMALE) |

**FEATURES & SPECIFICATIONS**

| | |
| --- | --- |
| Max Supported Video Resolution | 4K x 2K (3840 x 2160) @60Hz |
| 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) |
| Max Supported Color Depth | 24-bit True Color |
| EDID Compatible | Yes |
| Power Over Cable (PoC) Support | Yes |
| Technology | Cat6; 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 |