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

MODEL NUMBER: **B127-004-H4H**

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

## Features

**Splitter Kit Ideal for Digital Signage or Displaying Video in Schools or Trade Show Booths**The four-port transmitter/splitter and quad receivers are 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 B127-004-H4H extends 4K video and stereo audio signals from an HDMI 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-H4H 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 TrueHD and 7.1-channel digital audio. Built-in equalization automatically fine-tunes the image quality at the remote displays with no time-consuming manual fiddling needed. This extender kit is capable of 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 kit 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 light up to indicate the system is receiving power and a signal is being transmitted. PoC lets you avoid the hassle of bulky power bricks and gives you the freedom to place the receivers away from AC outlets.

**Plug-and-Play Operation for Quick Setup and Immediate Use**The included transmitter/splitter 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 and the receivers to the displays with user-supplied HDMI cables (such as Tripp Lite's P568- or P569-Series). Then, connect the transmitter to the receivers using Cat6 patch cable (such as Tripp Lite N202-Series cable). 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 Purchases**The B127-004-H4H 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

- 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 lets you monitor images being shown on remote displays
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- 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 four 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 HDMI output (Blu-ray player, cable box, 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

## Specifications

| OVERVIEW | |
|---|---|
| UPC Code | 037332239082 |
| Product Type | Extender Kit |
| Technology | HDMI; HDR; Cat5/5e; Cat6; POC |

| VIDEO | |
|---|---|
| Video Input | HDMI (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 | HDMI |
| Transmitter - Number of Video Outputs | 8 |
| 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 | Yes |

| 3D Video Supported | Yes |
|---|---|
| Chroma Sub Sampling | 4:4:4 |
| Maximum Signal Range (ft) | 125 |
| Maximum Signal Range (m) | 38 |

**AUDIO**

| Audio Input | HDMI |
|---|---|
| Audio Specification | 7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD |

**POWER**

| Power Source | Transmitter end only (Included) |
|---|---|
| Power Source Type | AC Adapter |
| AC Plug Type | NEMA 1-15P; BS1363; CEE 7/16 Schuko; AS/NZS 3112 |
| 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.) | 1.37 |
| External Power Supply Certifications | CCC; CE; FCC; GS; PSE; TUV; UL; cUL |
| Power Over Cable (PoC) Support | Yes |

**USER INTERFACE, ALERTS & CONTROLS**

| LED Indicators | Tx: x1 Green (Power), x6 Orange (Local, 1,2,3,4 Output, Input); Tx RJ45 port: x4 Green (Connected), x4 Orange (Activity) Rx: x1 Green (Power); Rx RJ45 port: Green (Connected), Orange (Activity) |
|---|---|

**PHYSICAL**

| Color | Black |
|---|---|
| Included Mounting Accessories | Wallmount |
| Material of Construction | Metal |
| 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.) | 0.49 |
| Shipping Dimensions (hwd / cm) | 10.16 x 15.49 x 34.29 |
| Shipping Dimensions (hwd / in.) | 4.00 x 6.10 x 13.50 |

| Shipping Weight (kg) | 2.18 |
|---|---|
| Shipping Weight (lbs.) | 4.80 |
| Transmitter Unit Dimensions (hwd / in.) | 1.17 x 9.25 x 3.94 |
| Transmitter Unit Weight (lbs.) | 0.65 |
| 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 (-13 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

| Ports | 4 |
|---|---|
| Side A - Connector 1 | (4) RJ45 (FEMALE) |
| Side A - Connector 2 | (2) HDMI (FEMALE) |
| Side B - Connector 1 | (4) HDMI (FEMALE) |
| Side B - Connector 2 | (4) RJ45 (FEMALE) |

### FEATURES & SPECIFICATIONS

| HDCP Specification | 2.2 |
|---|---|
| Driver Required | No |
| Recommended Category Cable | Solid Wire Cat6 Cables (Tripp Lite's N202-Series) |
| Built-In Equalizer | Yes |

### STANDARDS & COMPLIANCE

| Certifications | Tested to CE, FCC, REACH, RoHS |
|---|---|

| WARRANTY | |
|---|---|
| Product Warranty Period (Worldwide) | 1-year limited warranty |

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