

8-Port HDMI over Cat6 Splitter - 4K 60 Hz, HDR, 4:4:4, PoC, HDCP 2.2, 230 ft. (70.1 m), TAA

MODEL NUMBER: **B127A-008-BH**



Works with Tripp Lite B127A-Series receivers to extend a 4K audio/video signal 230 ft. via Cat6 cable to 8 HDMI displays.

Features

HDMI Multi-Output Splitter Ideal for Digital Signage in Schools and Workplaces

This 4K transmitter/splitter is recommended for video presentations in conference rooms, schools, trade shows, meeting facilities, houses of worship, retail settings, hotels and other digital signage applications where the source and display are farther apart than conventional A/V cables allow.

Extends a 4K A/V Transmission up to 230 ft. (70.1 m)... or Even Farther

The B127A-008-BH connects to Tripp Lite B127A-Series receivers to extend 4K signals from an HDMI source to eight HDMI displays up to 230 feet (70.1 meters) away via user-supplied Cat6 cabling. By adding Tripp Lite B127A-010-H signal repeaters or B127A-110-BH transceivers (each sold separately) to the application, you can extend the signal to each connected display up to 400 feet (121.9 meters) or 460 feet (140.2 meters), respectively.

Transmits Crystal-Clear 4K Video with Multi-Channel Audio, HDR and 4:4:4 Color

The B127A-008-BH supports Ultra HD resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz with true uncompressed 7.1-channel digital audio and Dolby TrueHD. High Dynamic Range (HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. This splitter also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Multi-Resolution Support Allows Mixing and Matching of Displays of Different Resolutions

Say you have a brand new 4K/60 Hz HDTV in one room, but want to also connect your Blu-ray player or satellite box to an older 1080p TV in another room. The B127A-008-BH is backward compatible with 4K/30 Hz and 1080p resolutions via automatic switching, allowing each connected monitor to display video at its maximum resolution.

Local HDMI Port on Transmitter Supports 4K @ 60 Hz Resolution

To monitor the video signal being extended to the receiver, connect a 4K display to the splitter's local HDMI port with a user-supplied HDMI cable. This port does not support multi-resolution capabilities, so the connected monitor must also support 4K/60 Hz to function properly.

Built-In PoC Technology Provides Receiver Power to Avoid Bulky External Power Bricks

Highlights

Requires connection to Tripp Lite B127A-Series remote receivers (sold separately) Supports 4K @ 60 Hz video resolutions (4:4:4) as specified in HDMI 2.0 Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy Power over Cable (PoC) technology provides power to receivers via Cat6 cable Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

System Requirements

- Source device with HDMI output (Blu-ray player, cable box, laptop)
- Display device(s) with HDMI input (HDTV, projector, monitor)
- B127-A receivers, such as B127A-1A0-FH, B127A-2A0-FH, B127A-1P0-PH and/or B127A-1A0-BH

Package Includes

- B127A-008-BH 8-Port HDMI over Cat6 Splitter
- External power supply (Input: 100–240V, 50/60 Hz, 1.5A; Output: 24V 2A)
- (4) International plug adapters (North America, U.K., Europe, Australia)
- Mounting hardware
- Owner's manual

Power over Cable (PoC) technology powers the connected receivers over Cat6 cable. LEDs indicate when the system is receiving power and a signal is being transmitted. PoC lets you avoid the hassle of a bulky power brick and gives you the freedom to place the receivers where needed without worrying about finding a nearby AC outlet.

Plug-and-Play Operation for Quick Setup and Immediate Use

The splitter works right out of the package with no software required. Mounting hardware is included for installing it on a wall, pole or 19-inch rack. Connect the splitter to an HDMI source device with a user-supplied HDMI cable (such as Tripp Lite's P568- or P569-Series). Then, connect the splitter to Tripp Lite B127A-Series remote receivers with user-supplied Cat6 cable (such as Tripp Lite's N202-Series).

TAA-Compliant for GSA Schedule Purchases

The B127A-008-BH 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 | 037332269171 |
| Product Type | Splitter |
| Device Compatibility | Monitor/HDTV |
| Technology | HDMI; POC; Stereo Audio |
| Host Connector | HDMI (FEMALE) |
| VIDEO | |
| Video Input | HDMI (FEMALE) |
| Video Output | HDMI (FEMALE) |
| Number of Monitors Supported | 8 |
| Video Ports | HDMI (FEMALE); (8) RJ45 (FEMALE) |
| Video Ports Details | HDMI 2.0; HDCP 2.2 |
| Supported Resolutions | 1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K) |
| Max Supported Video Resolution | 3840 x 2160 (4K x 2K) @ 60Hz |
| Max. Distance (Between any 2 Units) | 230 ft. (70.1 m) |
| Max 720P Range (ft) | 230 |
| Max 1080P Range (ft) | 230 |
| Max 1280 x 720 (720p) Range (ft) | 230 |
| Max 1920 x 1080 (1080p) Range (ft) | 230 |
| Max 3840 x 2160 (4K) Range (ft) | 230 |
| Max 3840 x 2160 (4K@30Hz) Range (ft) | 230 |
| Max 3840 x 2160 (4K@60Hz) Range (ft) | 230 |

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| Maximum Distance with Booster | 400 |
| Transmitter Video Input | HDMI |
| Transmitter - Number of Video Outputs | 8 |
| Transmitter - Local Display Output | HDMI |
| Signal Range (ft) | 230 |
| Range Extension with Booster | Yes |
| Range Extension using other Tripp Lite product | 400 ft. |
| Recommended Cabling | 24AWG Cat6 UTP |
| Extended Mode | No |
| Mirror Mode | No |
| Other Tripp Lite product used to extend range | B127A-010-H Signal Booster |
| Max Supported Color Depth | 36-bit Deep Color |
| HDR Support | Yes |
| 3D Video Supported | Yes |
| Chroma Sub Sampling | 4:4:4 |
| Maximum Signal Range (ft) | 230 |
| Maximum Signal Range (m) | 70 |
| Signal Transmission | Unidirectional |
| AUDIO | |
| Audio Ports | (8) RJ45 (FEMALE) |
| Audio Ports Details | Supports pass-through audio to up to 8 connected HDMI monitors |
| Audio Input | HDMI |
| Audio Output | HDMI |
| Audio Specification | True uncompressed 7.1 channel digital audio |
| 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 / 1.5A |
| AC Power Adapter Output Specs (V / A) | 24V / 2A |
| AC Power Adapter Cord Length (ft.) | 4.53 |
| AC Power Adapter Cord Length (m) | 1.38 |
| Voltage Compatibility (VAC) | 100; 110; 120; 125; 127; 200; 208; 220; 230; 240 |

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|--|---|
| Bus Powered | No |
| Power Source | AC Adapter |
| POWER | |
| Power Source Type | AC Adapter |
| Power Over Cable (PoC) Support | Yes |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | x8 RJ45 Ports (x8 Green = Power, x8 Orange = Transmitting video to connected receiver), Power (x1 Green = Powered by external power supply), Input (x1 Orange = Connected to video source), Local (x1 Orange = Display connected to local HDMI port), UTP (x1 Orange = Receiver unit(s) connected and receiving data) |
| PHYSICAL | |
| Color | Black |
| Material of Construction | Metal |
| Cable Length (ft.) | 0 |
| Cable Length (m) | 0.00 |
| Total Number of Ports | 10 |
| Rackmountable | Yes |
| Shipping Dimensions (hwd / in.) | 2.17 x 11.42 x 6.46 |
| Shipping Dimensions (hwd / cm) | 5.51 x 29.01 x 16.41 |
| Shipping Weight (lbs.) | 5.73 |
| Shipping Weight (kg) | 2.60 |
| Transmitter Unit Dimensions (hwd / cm.) | 4.4 x 44 x 18.1 |
| Transmitter Unit Dimensions (hwd / in.) | 1.73 x 17.32 x 7.13 |
| Transmitter Unit Weight (lbs.) | 4.63 |
| 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 | |
| Max 1024 x 768 Range (ft) | 230 |
| Signal Range (ft.) | 230 |
| Signal Range (m) | 70 |
| Max 480P Range (ft) | 230 |

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| Transmission Distance | 230 ft. |
| Max 1440 x 900 Range (ft) | 230 |
| Max 1080i Range (ft) | 230 |
| Max 4K UHD Range (ft) | 230 |
| Max 480i Range (ft) | 230 |
| Max 800 x 600 Range (ft) | 230 |
| Max 1600 x 1200 Range (ft) | 230 |
| EDID Compatible | Yes |
| IR Remote Extension Support | No |
| RS-232 Serial Extension Support | No |
| Consumer Electronics Control (CEC) Supported | No |
| Latency | Zero Latency |
| CONNECTIONS | |
| Number of Ports | 10 |
| Side A - Connector 1 | HDMI (FEMALE) |
| Side B - Connector 1 | HDMI (FEMALE) |
| Side B - Connector 2 | (8) RJ45 (FEMALE) |
| Input Ports | (x1) HDMI Input |
| Input x Output | 1 x 8 |
| Daisy-chainable / Cascadable | No |
| FEATURES & SPECIFICATIONS | |
| 10/100 Ethernet Extension Support | No |
| Integrated/Removable Cable | No |
| MST Support | No |
| Mounting Accessory Included | Yes |
| Multi-Resolution Support | Yes |
| Built-In Equalizer | Yes |
| HDCP Specification | 2.2 |
| Driver Required | No |
| Recommended Category Cable | 24AWG CAT6 |
| DIN Mountable | No |
| STANDARDS & COMPLIANCE | |
| External Power Supply Certifications | CCC; CE; FCC; GS; TUV; UL; cUL |

TRIPP-LITE

by **EAT•N**

1000 Eaton Boulevard
Cleveland, OH 44122
United States

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|-------------------------------------|---|
| Product Certifications | UL Listed; cUL Listed |
| Product Compliance | RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |

TRIPP-LITE

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