

2-Port HDMI over Cat5/6 Extender Kit, Box-Style Transmitter, 2 Mini Receivers, PoC, Up to 100 ft. (30 m), TAA

MODEL NUMBER: **B126-2P2M-POC**



2-port transmitter and dual receivers extend an HDMI signal via Cat5e/6/6a cable to 2 projectors, monitors or TVs up to 100 ft. away. Recommended for digital signs, classrooms, churches, offices and retail settings.

Description

The B126-2P2M-POC 2-Port HDMI over Cat5/Cat6 Extender Kit includes a two-port transmitter and two low-profile receivers that work in tandem to extend an HDMI audio/video signal to two projectors, monitors or televisions. The kit is recommended for digital signs, trade shows, classrooms, churches, offices, retail settings and other applications where the source is located farther than conventional cables allow. HDMI cable (P568-Series) connects the audio/video source, such as a Blu-ray player, to the transmitter's HDMI port. Cat5e/6/6a cable connects the transmitter to the receivers' RJ45 ports (for best results, use 24 AWG solid-wire Cat6 cable, such as N202-Series). The receivers plug directly into the displays' HDMI input ports. Built-in PoC technology powers the receivers over Cat5e/6/6a cable, so no external power supply on the display side is needed.

The B126-2P2M-POC can extend a high-definition 1080p (at 60 Hz) signal up to 50 feet (15.2 meters) and a 1080i signal up to 100 feet (30.5 meters). In addition to crystal-clear video, the B126-2P2M-POC delivers full, rich audio up to 7.1-channel surround sound (multi-channel or PCM) and supports 3D and HDCP standards. Easy to set up with no software or drivers to install. Transmitter mounts to a wall, rack or pole using the included hardware. Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

Splits and Extends High-Definition HDMI Audio/Video Signals

- 2-port transmitter extends HDMI A/V signal to 2 low-profile receivers
- Recommended for digital signs, trade shows, classrooms, churches, offices, retail settings and other HDMI A/V applications
- Extends a 1080p (@ 60 Hz) signal up to 50-ft. (15.2 m) from source
- Extends a 1080i signal up to 100-ft. (30.5 m) from source
- Supports 7.1-channel surround sound (multi-channel or PCM) audio
- HDCP and 3D compliant

Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install

Highlights

- Built-in Power over Cable (PoC) technology powers the receiver
- Supports high-definition video resolutions up to 1080p (@ 60 Hz)
- Supports 7.1-channel surround sound audio
- HDCP and 3D compliant
- Plug and play—no software or drivers to install

System Requirements

- Source device with HDMI output
- Display device(s) with HDMI input

Package Includes

- Transmitter unit
- (2) Receiver units
- (2) USB Micro-B cables, 1-ft. (0.31 m)
- External power supply w/NEMA 1-15P plug and 5-ft. (1.52 m) cord (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V, 2A)
- Mounting hardware
- Owner's manual



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- Transmitter connects to source using HDMI cable, such as P568-Series
- Transmitter and receivers connect with Cat5e/6/6a cable (for best results, use N202-Series)
- LEDs indicate when units are receiving power or an HDMI signal
- Mounting hardware included for installing transmitter on a wall, rack or pole

TAA-Compliant

- Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

| OVERVIEW | |
|--|---------------------------------|
| UPC Code | 037332201133 |
| Product Type | Splitter; Extender Kit |
| Technology | HDMI; Cat5/5e; Cat6; POC |
| Host Connector | HDMI (FEMALE) |
| VIDEO | |
| Max Supported Video Resolution | 1920 x 1080 (1080p) @ 60Hz |
| Max 1280 x 720 (720p) Range (ft) | 50 |
| Max 1920 x 1080 (1080p) Range (ft) | 50 |
| Transmitter Video Input | HDMI |
| Transmitter - Number of Video Outputs | 2 |
| Receiver/Transceiver Video Output | HDMI |
| Receiver - Number of Video Outputs | 1 |
| Range Extension using other Tripp Lite product | 175 ft. @ 1080i 125 ft. @ 1080p |
| Recommended Cabling | N202-Series Cat6 Patch Cable |
| Other Tripp Lite product used to extend range | B126-110 |
| 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) | 50 |
| Maximum Signal Range (m) | 15 |
| AUDIO | |
| Audio Input | HDMI |
| Audio Output | HDMI |



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| Audio Specification | 7.1 Channel Surround Sound |
| INPUT | |
| AC Power Adapter Plug(s) | NEMA 1-15P North America |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 0.5A |
| AC Power Adapter Output Specs (V / A) | 5V / 2A |
| AC Power Adapter Cord Length (ft.) | 4.5 |
| AC Power Adapter Cord Length (m) | 1.37 |
| Bus Powered | No |
| POWER | |
| Power Source Type | AC Adapter |
| AC Plug Type | NEMA 1-15P |
| Power Source | Transmitter (Included) and Receiver (Included but Optional) |
| Power Over Cable (PoC) Support | Yes |
| DC Barrel Plug | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve |
| CONNECTIONS | |
| Number of Ports | 2 |
| Side A - Connector 1 | HDMI (FEMALE) |
| Side A - Connector 2 | (2) RJ45 (FEMALE) |
| Side A - Connector 3 | 3.5MM (FEMALE) |
| Side B - Connector 1 | (2) RJ45 (FEMALE) |
| Side B - Connector 2 | (2) HDMI (MALE) |
| Side B - Connector 3 | (2) MICRO-USB B (FEMALE) |
| Connector Plating | Nickel |
| Input x Output | 1 x 2 |
| Daisy-chainable / Cascadable | Yes |
| Daisy-chainable / Cascadable Details | Requires B126-110 |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | Green (Power), Orange (Activity) |
| PHYSICAL | |
| Color | Black |
| Cable Length (ft.) | 0 |
| Cable Length (m) | 0.00 |



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| Number of Displays | 2 |
| Optional Mounting Accessory Notes | Can DIN Mount using Tripp Lite Bracket B110-DIN-02 |
| Form Factor/Mounting Options | Box; Pigtail; Wall-mount |
| Rackmountable | No |
| Receiver Unit Dimensions (hwd / in.) | 1.52 x 0.85 x 0.81 |
| Receiver Unit Weight (lbs.) | 0.03 |
| Shipping Dimensions (hwd / in.) | 2.00 x 7.00 x 6.40 |
| Shipping Dimensions (hwd / cm) | 5.08 x 17.78 x 16.26 |
| Shipping Weight (lbs.) | 1.10 |
| Shipping Weight (kg) | 0.50 |
| Transmitter Unit Dimensions (hwd / in.) | 1 x 2.5 x 3.6 |
| Transmitter Unit Weight (lbs.) | 0.2 |
| Unit Dimensions (hwd / in.) | 0.000 x 0.000 x 0.000 |
| Unit Packaging Type | Box |
| Housing | Metal |
| Mounting Details | Wallmount |
| 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 | 0-85% non-condensing |
| COMMUNICATIONS | |
| 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 |
| MST Support | No |
| Built-In Equalizer | No |
| HDCP Specification | 1.4 |
| Driver Required | No |



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STANDARDS & COMPLIANCE

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| External Power Supply Certifications | FCC; PSE; TUV; RoHS; UL; cUL |
| Product Compliance | RoHS; REACH; FCC (USA); Trade Agreements Act (TAA) |

WARRANTY & SUPPORT

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