

## HDMI over Cat5/6 Extender Kit, Transmitter/Receiver for Video/Audio, PoC, Up to 100 ft. (30 m), TAA

MODEL NUMBER: **B126-1P1M-U-POC**



Transmitter and receiver extend an HDMI signal via Cat5e/6/6a cable to a projector, monitor or TV up to 100 ft. away. Recommended for digital signs, classrooms, churches, offices and retail settings.

### Description

The B126-1P1M-U-POC HDMI over Cat5/Cat6 Extender Kit includes a transmitter and a low-profile receiver that work in tandem to extend an HDMI audio/video signal to a projector, monitor or television. 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, and optional local display to the transmitter's HDMI ports. Cat5e/6/6a cable connects the transmitter to the receiver's RJ45 port (for best results, use 24 AWG solid-wire Cat6 cable, such as N202-Series). The receiver plugs directly into the display's HDMI input port. Built-in PoC technology powers the receiver over Cat5e/6/6a cable, so no external power supply on the display side is needed.

The B126-1P1M-U-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 B126-1P1M-U-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. Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

### Features

#### Extends a High-Definition HDMI Audio/Video Signal

- Transmitter extends HDMI A/V signal to low-profile receiver
- 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

- Built-in Power over Cable (PoC) technology powers the receiver
- Transmitter and receiver connect with Cat5e/6/6a cable (for best results, use N202-Series)

### 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 operation with no software or drivers required

### System Requirements

- Source with HDMI and USB ports (if source has no USB port, a USB wall charger can be used)
- Display with HDMI port

### Package Includes

- Transmitter unit
- Receiver unit
- USB Micro-B cable, 1-ft. (0.31 m)
- USB Micro-B cable, 3-ft. (0.91 m)
- Owner's manual

- Transmitter connects to source and optional local display using HDMI cable, such as P568-Series
- LEDs indicate when units are receiving power or an HDMI signal
- Plug-and-play operation with no software or drivers required

**TAA-Compliant**

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

## Specifications

| OVERVIEW                                       |                                 |
|--|---------------------------------|
| UPC Code                                       | 037332201003                    |
| Product Type                                   | Extender Kit                    |
| Technology                                     | HDMI; Cat5/5e; Cat6; POC        |
| VIDEO  |                                 |
| Max Supported Video Resolution                 | 1920 x 1080 (1080p @ 60Hz)      |
| Max 1280 x 720 (720p) Range (ft)               | 100                             |
| Max 1920 x 1080 (1080p) Range (ft)             | 50                              |
| Transmitter Video Input                        | HDMI                            |
| Transmitter - Number of Video Outputs          | 1                               |
| Transmitter - Local Display Output             | HDMI                            |
| 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)                      | 100                             |
| Maximum Signal Range (m)                       | 30                              |
| Maximum Signal Range Details                   | 100 ft @ 1080i 50 ft @ 1080p    |
| AUDIO  |                                 |
| Audio Input                                    | HDMI                            |



Powering Business Worldwide

TRIPP LITE  
SERIES

|  |   |
|--|---|
| Audio Output                                 | HDMI                                      |
| Audio Specification                          | 7.1 Channel Surround Sound                |
| <b>INPUT</b>                                 |   |
| Bus Powered                                  | No  |
| <b>POWER</b>                                 |   |
| Power Source Type                            | USB                                       |
| Power Source                                 | Transmitter and Receiver (Included)       |
| Power Over Cable (PoC) Support               | Yes                                       |
| <b>CONNECTIONS</b>                           |   |
| Number of Ports                              | 2   |
| Side A - Connector 1                         | HDMI (MALE)                               |
| Side A - Connector 2                         | MICRO-USB B (FEMALE)                      |
| Side A - Connector 3                         | RJ45 (FEMALE)                             |
| Side B - Connector 1                         | HDMI (MALE)                               |
| Side B - Connector 2                         | MICRO-USB B (FEMALE)                      |
| Side B - Connector 3                         | RJ45 (FEMALE)                             |
| Connector Plating                            | Nickel                                    |
| Contact Plating                              | Gold                                      |
| Daisy-chainable / Cascadable                 | Yes                                       |
| Daisy-chainable / Cascadable Details         | Requires B126-110                         |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |   |
| LED Indicators                               | TX & RX: Green (Power), Orange (Activity) |
| <b>PHYSICAL</b>                              |   |
| Color  | Black                                     |
| Number of Displays                           | 1   |
| Form Factor/Mounting Options                 | Pigtail                                   |
| 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.)              | 1.73 x 7.87 x 5.59                        |
| Shipping Dimensions (hwd / cm)               | 4.39 x 19.99 x 14.20                      |
| Shipping Weight (lbs.)                       | 0.44                                      |



Powering Business Worldwide

TRIPP LITE  
SERIES

|  |   |
|--|---|
| Shipping Weight (kg)                         | 0.20  |
| Transmitter Unit Dimensions (hwd / in.)      | 2.4 x 0.94 x 2.04   |
| Transmitter Unit Weight (lbs.)               | 0.1   |
| Unit Dimensions (hwd / in.)                  | 0.000 x 0.000 x 0.000   |
| Unit Packaging Type                          | Box   |
| Housing                                      | Plastic   |
| <b>ENVIRONMENTAL</b>                         |   |
| 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  |
| <b>COMMUNICATIONS</b>                        |   |
| Signal Range (ft.)                           | 50  |
| Signal Range (m)                             | 15  |
| EDID Compatible                              | Yes   |
| IR Remote Extension Support                  | No  |
| RS-232 Serial Extension Support              | No  |
| Consumer Electronics Control (CEC) Supported | Yes   |
| USB Extension Support                        | No  |
| <b>FEATURES &amp; SPECIFICATIONS</b>         |   |
| 10/100 Ethernet Extension Support            | No  |
| Built-In Equalizer                           | No  |
| HDCP Specification                           | 1.4   |
| Driver Required                              | No  |
| <b>STANDARDS &amp; COMPLIANCE</b>            |   |
| Product Compliance                           | RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA) |
| <b>WARRANTY &amp; SUPPORT</b>                |   |
| Product Warranty Period (Worldwide)          | 1-year limited warranty   |