# HDMI over Cat5/6 Passive Extender, Box-Style Remote Receiver for Video/Audio, Up to 100 ft. (30 m), TAA

MODEL NUMBER: **B126-1P0**

## Highlights

- Supports high-definition video resolutions up to 1080p (60 Hz)
- Supports stereo and 7.1-channel surround sound audio
- Works with all operating systems and HDMI video sources
- Plug and play—no software or drivers to install
- Built-in HDMI cable latches tightly for more secure connection

## Package Includes

- B126-1P0 HDMI over Cat5/Cat6 Passive Remote Receiver
- Owner's Manual

Works with Tripp Lite's B126-Series transmitters to extend an HDMI signal via Cat5e/6 cable up to 100 ft. to a projector, monitor or television. Ideal for digital signs, schools and trade show presentations.

## Description

The B126-1P0 HDMI over Cat5/Cat6 Passive Remote Receiver works with a B126-002 or B126-004 transmitter (sold separately) to extend an HDMI signal to multiple projectors, monitors or televisions in a chain. It's ideal for digital signs, trade shows, presentations, classrooms, churches, retail settings and other applications where the video source is located farther than conventional cables allow.

The B126-1P0 can extend a 1080i (60 Hz) signal up to 100 feet (30.5 meters) or a 1080p (60 Hz) signal up to 50 feet (15.2 meters) with a single Cat5e/6 cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as N202-Series) between it and the transmitter. The built-in HDMI cable features a latching connector that helps prevent accidental disconnection. No external power is required.

In addition to crystal-clear video, the B126-1P0 delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio when paired with a B126-002 or B126-004 transmitter. Supports 24-bit True Color (8 bits per channel) and HDCP compatibility. Easy to set up with no software or drivers to install.

## Features

**Extends High-Definition Signals**
- Works in tandem with B126-002 and B126-004 transmitter units
- Extends a 1080i (60 Hz) signal up to 100-ft. (30.5 m)
- Extends a 1080p (60 Hz) signal up to 50-ft. (15.2 m)
- Connects to transmitter with one Cat5e/6 cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as N202-Series)
- Built-in HDMI cable with latching connector to help prevent accidental disconnection

**Supports the Latest Video and Audio Resolutions**
- Works with all operating systems and HDMI video sources
- Supports HD resolutions up to 1080p (60 Hz)
- Supports stereo and 7.1-channel surround sound (multi-channel or PCM) audio when paired with a B126-002 or B126-004 transmitter
- Supports 24-bit True Color (8 bits per channel) and HDCP

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**Easy to Set Up and Use**
- Plug-and-play engineering—no software or drivers to download and install

- No external power required

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

# Specifications

| OVERVIEW | |
|---|---|
| UPC Code | 037332157461 |
| Product Type | Receiver |
| Technology | HDMI; Cat5/5e; Cat6 |

| VIDEO | |
|---|---|
| Video Input | HDMI (MALE) |
| Video Output | RJ45 (FEMALE) |
| Max Supported Video Resolution | 1920 x 1080 (1080p @ 60Hz) |
| Max 720P Range (ft) | 100 |
| Max 1080P Range (ft) | 50 |
| Max 1280 x 720 (720p) Range (ft) | 50 |
| Max 1920 x 1080 (1080p) Range (ft) | 50 |
| 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 | 175ft @ 1080i25ft @ 1080p |

| AUDIO | |
|---|---|
| Audio Output | HDMI |
| Audio Specification | Pass-through audio |

| INPUT | |
|---|---|
| Bus Powered | No |

| POWER | |
|---|---|
| Power Source | Receiver end only (Optional) |
| Power Over Cable (PoC) Support | No |

| USER INTERFACE, ALERTS & CONTROLS | |
|---|---|
| LED Indicators | Green = Connection |

| PHYSICAL | |
|---|---|
| Color | Black |
| Number of Displays | 1 |
| Form Factor/Mounting Options | Pigtail |
| Shipping Dimensions (hwd / in.) | 1.30 x 6.14 x 4.80 |
| Shipping Dimensions (hwd / cm) | 3.30 x 15.60 x 12.19 |
| Shipping Weight (lbs.) | 0.17 |
| Shipping Weight (kg) | 0.08 |
| Unit Dimensions (hwd / in.) | 0.000 x 0.000 x 0.000 |
| Unit Packaging Type | Box |
| Unit Weight (lbs.) | 0.03 |
| Unit Weight (kg) | 0.01 |
| Housing | Plastic |

| 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%, Non-Condensing |

| COMMUNICATIONS | |
|---|---|
| Max 1024 x 768 Range (ft) | 100 |
| Max 480P Range (ft) | 100 |
| Max 1440 x 900 Range (ft) | 100 |

| | |
|---|---|
| Max 1080i Range (ft) | 100 |
| Max 480i Range (ft) | 100 |
| Max 640 x 480 Range (ft) | 100 |
| Max 800 x 600 Range (ft) | 100 |
| Max 1600 x 1200 Range (ft) | 100 |
| 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 | |
|---|---|
| Number of Ports | 1 |
| Side A - Connector 1 | RJ45 (FEMALE) |
| Side A - Connector 2 | MICRO-USB B (FEMALE) |
| Side B - Connector 1 | HDMI (MALE) |
| Connector Plating | Gold |
| Daisy-chainable / Cascadable | Yes |
| Daisy-chainable / Cascadable Details | Requires B126-110 |

| FEATURES & SPECIFICATIONS | |
|---|---|
| 10/100 Ethernet Extension Support | No |
| Built-In Equalizer | No |
| HDCP Specification | 1.4 |
| Driver Required | No |

| STANDARDS & COMPLIANCE | |
|---|---|
| Product Compliance | RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA) |

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