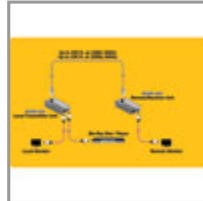


HDMI over Cat5/6 Extender Kit, Box-Style Transmitter/Receiver for Video/Audio, Up to 150 ft. (45.72 m), TAA

MODEL NUMBER: B126-1A1



Transmitter and receiver work in tandem to extend an HDMI signal via Cat5e/6 cable to a projector, monitor or television. Ideal for digital signs, schools and trade show presentations.

Description

The B126-1A1 HDMI over Cat5/Cat6 Active Extender Kit includes a transmitter unit and a receiver unit that work in tandem to extend an HDMI signal to a projector, monitor or television. The kit is ideal for digital signs, trade shows, presentations, classrooms, churches, retail settings and other applications where the source is located farther than conventional cables allow.

HDMI cable (see Tripp Lite's P568-Series) connects a monitor and the audio/video source to the transmitter's HDMI ports and another monitor to the receiver. Cat5e/6 cable connects the two units (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series).

The B126-1A1 can extend a 1080i (60 Hz) signal up to 200-ft. (60.96 m), a 1080p (60 Hz) signal up to 150-ft. (45.72 m) and a 3D signal up to 125-ft. (38.1 m). You can also connect up to three B126-110 remote repeaters in the chain (using Cat5e/6 cable) for a total of five HDMI displays and full signal extension of 700-ft. (213.36 m) (1080i), 500-ft. (152.4 m) (1080p) or 400-ft. (121.92 m) (3D).

In addition to crystal-clear video, the B126-1A1 delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio. Built-in equalization control lets you fine-tune the image quality at each remote display. Supports 24-bit True Color (8 bits per channel) and HDCP. Easy to set up with no software or drivers to install. Mounts to a wall, rack or pole using the included hardware.

Features

Extends High-Definition Signals

- Extends a 1080i (60 Hz) signal up to 200-ft. (60.96 m), a 1080p (60 Hz) signal up to 150-ft. (45.72 m)

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 equalization control lets you adjust monitor image

System Requirements

Package Includes

- Transmitter unit
- Receiver unit
- Screwdriver for adjusting equalization
- (2) External Power Supplies with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5-ft. (1.52 m))
- Mounting hardware
- Owner's Manual



and a 3D signal up to 125-ft. (38.1 m)

- Connect up to 3 B126-110 remote repeaters in between the transmitter and receiver for maximum signal range of 700-ft. (213.36 m) (1080i), 500-ft. (152.4 m) (1080p) and 400-ft. (121.92 m) (3D)
- Transmitter and receiver connect with one Cat5e/6 cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series)
- Supports stereo and 7.1-channel surround sound (multi-channel or PCM) audio
- Supports 24-bit True Color (8 bits per channel) and HDCP
- Built-in equalization control lets you adjust the image on the local monitor

Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install
- Works with all operating systems and HDMI video sources
- Units connect quickly to monitors with HDMI cable, such as Tripp Lite's P568-Series
- LEDs indicate at a glance when the unit is receiving power and a signal from the previous link in the chain
- Included mounting hardware lets you install the units on a wall, rack or pole

TAA-Compliant

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

Specifications

| OVERVIEW | |
|---------------------------------------|---|
| UPC Code | 037332158925 |
| Product Type | Cat5/Cat6 Extender Kit |
| AC Adapter | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft. |
| Technology | HDMI; Cat5/5e; Cat6 |
| Form Factor and Mounting Options | Box; Wall-mount |
| VIDEO | |
| Max Supported Video Resolution | 1920x1080 (1080p @ 60Hz) |
| Max 1280 x 720 (720p) Range (ft) | 150 |
| Max 1920 x 1080 (1080p) Range (ft) | 150 |
| 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 |
| Signal Range (ft.) | 200ft @ 1080i 150ft @ 1080p |
| Signal Range (m) | 61 45.7 |
| Range Extension using other Tripp Lite product | 175ft @ 1080i 125ft @ 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 |
| 3D Video Supported | Yes |
| Chroma Sub Sampling | 4:4:4 |
| AUDIO | |
| Audio Input | HDMI; 3.5mm |
| Audio Output | HDMI |
| Audio Specification | Stereo Audio |
| POWER | |
| Power Source | Transmitter and Receiver (Included) |
| Power Source Type | AC Adapter |
| AC Plug Type | NEMA 1-15P |
| External Power Supply Input Specs (V / Hz / A) | 100-240V / 50-60Hz / 0.5A |
| External Power Supply Output Specs (V / A) | 5V/2A |
| External Power Supply Cord Length (ft.) | 4.5 |
| External Power Supply Cord Length (m.) | 1.37 |
| External Power Supply DC Barrel Connector Specs | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve |
| External Power Supply Certifications | FCC; PSE; TUV;RoHS; UL; cUL |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | TX & RX: Green (Power), Orange (Activity) |
| PHYSICAL | |
| Color | Black |
| Included Mounting Accessories | Wallmount |
| Material of Construction | Steel |



| | |
|--|--|
| Number of Displays | 1 |
| Optional Mounting Accessory Notes | Can DIN Mount using Tripp Lite Bracket B110-DIN-02 |
| Rackmountable | Yes |
| Receiver Unit Dimensions (hwd / cm.) | 2.6 x 9.2 x 6.4 |
| Receiver Unit Dimensions (hwd / in.) | 1 x 3.6 x 2.5 |
| Receiver Unit Weight (kg) | 0.09 |
| Receiver Unit Weight (lbs.) | 0.2 |
| Shipping Dimensions (hwd / cm) | 5.59 x 15.75 x 21.08 |
| Shipping Dimensions (hwd / in.) | 2.20 x 6.20 x 8.30 |
| Shipping Weight (kg) | 0.77 |
| Shipping Weight (lbs.) | 1.70 |
| Transmitter Unit Dimensions (hwd / cm.) | 2.6 x 9.2 x 6.4 |
| Transmitter Unit Dimensions (hwd / in.) | 1 x 3.6 x 2.5 |
| Transmitter Unit Weight (kg) | 0.09 |
| Transmitter Unit Weight (lbs.) | 0.2 |
| 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 (-15 to 50 °C) |
| Relative Humidity | 0% to 85%, Non-Condensing |
| COMMUNICATIONS | |
| Signal Range (ft.) | 200 |
| Signal Range (m) | 61 |
| EDID Compatible | Yes |
| Consumer Electronics Control (CEC) Supported | Yes |
| USB Extension Support | No |
| CONNECTIONS | |
| Side A - Connector 1 | (2) HDMI (FEMALE); RJ45 (FEMALE) |
| Side A - Connector 2 | 3.5MM (FEMALE) |
| Side B - Connector 1 | HDMI (FEMALE); RJ45 (FEMALE) |



| FEATURES & SPECIFICATIONS | |
|--------------------------------------|----------------------------|
| HDMI Specification | 1.3 |
| HDCP Specification | 1.4 |
| Driver Required | No |
| Recommended Category Cable | Cat5/Cat5e/Cat6 Cables |
| Built-In Equalizer | Yes |
| STANDARDS & COMPLIANCE | |
| Certifications | Tested to FCC, RoHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |

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