



**THE DATASHEET OF
B126-1A1**



HDMI over Cat5/6 Extender Kit, Box-Style Transmitter/Receiver for Video/Audio, Up to 150 ft. (45 m), TAA

MODEL NUMBER: B126-1A1



Transmitter and receiver combo kit extends a 1080p HDMI signal via Cat5e/6 cable to a hi-def display up to 150 ft. away.

Features

HDMI Extender Recommended for Displaying Video in Boardrooms and Conference Rooms

This complete HDMI transmitter and receiver system is recommended for digital signage and presentations in conference rooms, trade shows, home theaters, bars, restaurants, schools and other video applications. The B126-1A1 extends 1080p video and stereo audio signals from an HDMI source device to an HDMI display up to 150 feet (45 meters) away. Connect the receiver to the display and the transmitter to the source with user-supplied HDMI cables. User-supplied Cat5e/6 cabling connects the two units.

Transmits Crystal-Clear 1080p Video for High-Definition Presentations

The B126-1A1 supports high-def video resolutions up to 1920 x 1080 (1080p) at 60 Hz with 24-bit Deep Color (8 bits per channel) and 7.1-channel surround sound (multi-channel or PCM). It can extend a 1080i (60 Hz) signal up to 200 feet (61 meters), a 1080p (60 Hz) signal up to 150 feet (45.7 meters) and a 3D signal up to 125 feet (38.1 meters). 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 feet (213.4 meters) (1080i), 500 feet (152.4 meters) (1080p) or 400 feet (122 meters) (3D).

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

The HDMI audio/video transmitter and receiver set works right out of the box with no software required. Mounting hardware is included for installing the units on a wall or pole or inside a rack. Power supplies for the transmitter and receiver are included. Built-in equalization control allows manual adjustment of the local display's image.

TAA-Compliant for GSA Schedule Purchases

The B126-1A1 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

Highlights

- Display HDMI audio/video up to 150 ft. (45 m) away with no costly cable installation
- Supports HD resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- Extra HDMI port on local transmitter lets you monitor image on remote display
- Plug-and-play operation with no software required for easy, immediate installation
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

System Requirements

- Source device with HDMI output (Blu-ray player, media server, laptop)
- Display device with HDMI input (HDTV, projector, monitor)
- 2 HDMI cables, including Eaton P568-Series
- 24 AWG solid-wire Cat5e/6 cable, including Eaton N202-Series

Package Includes

- Transmitter
- Receiver
- (2) External power supplies with 5 ft. (1.5 m) cord and NEMA 1-15P plug (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V 2A)
- Screwdriver for adjusting equalization
- Mounting hardware
- Owner's manual



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TRIPP LITE
SERIES

| | |
|--|---------------------------------|
| UPC Code | 037332158925 |
| Product Type | Extender Kit |
| Technology | HDMI; Cat5/5e; Cat6 |
| VIDEO | |
| Video Input | HDMI (FEMALE) |
| Video Output | HDMI (FEMALE) |
| Max Supported Video Resolution | 1920 x 1080 (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 |
| 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) | 150 |
| Maximum Signal Range (m) | 46 |
| Maximum Signal Range Details | 200 ft @ 1080i 150 ft @ 1080p |
| AUDIO | |
| Audio Input | HDMI; 3.5mm |
| Audio Output | HDMI |
| Audio Specification | Stereo Audio |
| 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 |

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|--|---|
| 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 and Receiver (Included) |
| Power Over Cable (PoC) Support | No |
| AC Adapter | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft. |
| DC Barrel Plug | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve |
| CONNECTIONS | |
| Side A - Connector 1 | (2) HDMI (FEMALE); RJ45 (FEMALE) |
| Side A - Connector 2 | 3.5MM (FEMALE) |
| Side B - Connector 1 | HDMI (FEMALE) |
| Side B - Connector 2 | RJ45 (FEMALE) |
| Daisy-chainable / Cascadable | Yes |
| Daisy-chainable / Cascadable Details | Requires B126-110 |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | TX & RX: Green (Power), Orange (Activity) |
| PHYSICAL | |
| Color | Black |
| Material of Construction | Steel |
| Included Mounting Accessories | Wallmount |
| Number of Displays | 1 |
| Optional Mounting Accessory Notes | Can DIN Mount using Tripp Lite Bracket B110-DIN-02 |
| Form Factor/Mounting Options | Box; Wall-mount |
| 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 / in.) | 2.20 x 6.20 x 8.30 |



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| Shipping Dimensions (hwd / cm) | 5.59 x 15.75 x 21.08 |
| Shipping Weight (lbs.) | 1.70 |
| Shipping Weight (kg) | 0.77 |
| 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 Dimensions (hwd / in.) | 0.000 x 0.000 x 0.000 |
| 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 |
| 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 |
| Built-In Equalizer | Yes |
| HDCP Specification | 1.4 |
| Driver Required | No |
| Recommended Category Cable | Cat5/Cat5e/Cat6 Cables |
| STANDARDS & COMPLIANCE | |
| 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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