

Micro-HDMI to HDMI over Cat5/Cat6 Active Extender Kit, 1080p 60 Hz, USB Powered, Up to 125 ft. (38 m), TAA

MODEL NUMBER: **B126-1A1-U-MCRO**



Transmitter and receiver work in tandem to extend an HDMI audio/video signal via Cat5e/6 cable from a Micro-HDMI source to an HDMI display up to 125 ft. Ideal for digital signs, schools and trade show presentations.

Description

The B126-1A1-U-MCRO Micro-HDMI to HDMI over Cat5/Cat6 Active Extender Kit includes a transmitter unit and a receiver unit that work in tandem to extend an HDMI audio/video signal from a Micro-HDMI source to an HDMI projector, monitor or television. The kit is 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 transmitter's built-in Micro-HDMI cable connects to the audio/video source, and the receiver's built-in HDMI cable connects to the display. 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). Each unit is powered by an included USB Micro-B to USB-A cable, which must be connected between the unit and a USB port on the source, display or USB wall charger. You can also connect an optional HDMI monitor to the transmitter's local port with a user-supplied HDMI cable, such as Tripp Lite's P568-Series.

The B126-1A1-U-MCRO can extend a 1080p (@ 60 Hz) signal up to 125-ft. (38.1 m) with full, rich stereo. Built-in RJ45 LEDs indicate the units are receiving power and a signal from the source. Built-in equalization control lets you fine-tune the image quality at each remote display. Easy to set up with no software or drivers to install. Works with all operating systems and HDMI sources.

Features

Extends HDMI Audio/Video Signals to an HDMI Display

- Extends a 1080p (@ 60 Hz) signal up to 125-ft. (38.1 m)

Highlights

- Supports high-definition video resolutions up to 1080p (@ 60 Hz)
- Supports stereo audio and HDCP
- Works with all operating systems and HDMI sources
- Plug and play—no software, drivers or external power supply
- Built-in equalization control lets you adjust monitor image

System Requirements

- Laptop, Ultrabook™, tablet or other source with Micro-HDMI port
- Display with HDMI port

Package Includes

- Transmitter unit
- Receiver unit
- (2) USB Micro-B to USB-A cables, 3-ft. (0.91 m)
- Screwdriver for adjusting equalization
- Owner's manual



- Ideal for digital signs, trade shows, presentations, classrooms, churches and retail settings
- 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 audio and HDCP
- Built-in equalization control lets you adjust the image on the remote display

Easy to Set Up and Use

- Plug-and-play engineering—no software, drivers or external power supply
- Powered via included USB cables
- Units connect quickly to source and display with built-in cables
- Optional local HDMI monitor connects to transmitter with user-supplied HDMI cable
- LEDs indicate when units are receiving power and a signal from the source
- Works with all operating systems and HDMI sources

TAA-Compliant

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

Specifications

| OVERVIEW | |
|--|------------------------------|
| UPC Code | 037332191502 |
| Product Type | Extender Kit |
| Technology | HDMI; Cat5/5e; Cat6 |
| VIDEO | |
| Max Supported Video Resolution | 1920x1080 (1080p @ 60Hz) |
| Max 720P Range (ft) | 125 |
| Max 1080P Range (ft) | 125 |
| Max 1280 x 720 (720p) Range (ft) | 125 |
| Max 1920 x 1080 (1080p) Range (ft) | 125 |
| Transmitter Video Input | Micro-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 | 175ft @ 1080i 125ft @ 1080p |
| Recommended Cabling | N202-Series Cat6 Patch Cable |



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|---|---|
| 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) | 125 |
| Maximum Signal Range (m) | 38 |
| AUDIO | |
| Audio Input | HDMI |
| Audio Output | HDMI |
| Audio Specification | Stereo Audio |
| INPUT | |
| Bus Powered | No |
| POWER | |
| Power Source Type | USB |
| Power Source | Transmitter and Receiver (Included) |
| Power Over Cable (PoC) Support | No |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | TX & RX: Green (Power), Orange (Activity) |
| PHYSICAL | |
| Color | Black |
| Number of Displays | 1 |
| Form Factor/Mounting Options | Pigtail |
| Receiver Unit Dimensions (hwd / in.) | 0.9 x 2.4 x 2 |
| Receiver Unit Weight (lbs.) | 0.15 |
| Shipping Dimensions (hwd / cm) | 19.99 x 14.20 x 4.39 |
| Shipping Dimensions (hwd / in.) | 7.87 x 5.59 x 1.73 |
| Shipping Weight (kg) | 0.22 |
| Shipping Weight (lbs.) | 0.49 |
| Transmitter Unit Dimensions (hwd / in.) | 0.9 x 2.4 x 2 |
| Transmitter Unit Weight (lbs.) | 0.15 |



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|--|------------------------------|
| Unit Packaging Type | Box |
| 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) | 125 |
| Max 480P Range (ft) | 125 |
| Max 1440 x 900 Range (ft) | 125 |
| Max 1080i Range (ft) | 125 |
| Max 480i Range (ft) | 125 |
| Max 640 x 480 Range (ft) | 125 |
| Max 800 x 600 Range (ft) | 125 |
| Max 1600 x 1200 Range (ft) | 125 |
| 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 | |
| Ports | 1 |
| Side A - Connector 1 | MICRO HDMI (MALE) |
| Side A - Connector 2 | RJ45 (FEMALE); HDMI (FEMALE) |
| Side A - Connector 3 | MICRO-USB B (FEMALE) |
| Side B - Connector 1 | HDMI (MALE) |
| Side B - Connector 2 | RJ45 (FEMALE) |
| Side B - Connector 3 | MICRO-USB B (FEMALE) |
| Connector Plating | Gold |
| FEATURES & SPECIFICATIONS | |
| HDCP Specification | 1.4 |
| Driver Required | No |



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|-------------------------------------|--------------------------------|
| 10/100 Ethernet Extension Support | No |
| Built-In Equalizer | Yes |
| STANDARDS & COMPLIANCE | |
| Certifications | Tested to CE, FCC, RoHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |

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