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
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
POWER	
Power Source	Transmitter and Receiver (Included)
Power Source Type	USB
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
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
Built-In Equalizer	Yes

STANDARDS & COMPLIANCE

Certifications	Tested to CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

Mouser Electronics

Authorized Distributor

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