HDMI over Cat5/6 Extender, Pigtail-Style Receiver for Video/Audio, USB Powered, Up to 125 ft. (38 m), TAA

MODEL NUMBER: **B126-1A0-U**

Works with Tripp Lite's B126-Series transmitters to extend an HDMI audio/video signal via Cat5e/6 cable to an HDMI display up to 125 ft. Ideal for digital signs, schools, retail settings and trade show presentations.

Description

The B126-1A0-U HDMI over Cat5/Cat6 Active Extender works with Tripp Lite's B126-002 or B126-004 transmitter to extend an HDMI audio/video signal to an HDMI projector, monitor or television. 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. A latching HDMI connector on the built-in cable provides a more secure connection

The receiver's built-in HDMI cable connects to the display. Cat5e/6 cable connects the receiver to the B126-Series transmitter (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series). Power is supplied by the included USB Micro-B to USB-A cable, which connects between the receiver and a USB port on the display or a USB wall charger.

The B126-1A0-U 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 the 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)
- Ideal for digital signs, trade shows, presentations, classrooms, churches and retail settings
- Built-in cable includes latching HDMI connector for a more secure connection

Highlights

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

System Requirements

- Display with HDMI port

Package Includes

- B126-1A0-U Receiver unit
- USB Micro-B to USB-A cable, 3-ft. (0.91 m)
- Screwdriver for adjusting equalization
- Owner's manual

- Connects to transmitter 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

Easy to Set Up and Use
- Plug-and-play engineering—no software, drivers or external power supply
- Powered via included USB cable
- Connects quickly to display with built-in 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	037332190253
Product Type	Receiver
Technology	HDMI; Cat5/5e; Cat6

VIDEO	
Max Supported Video Resolution	1920x1080 (1080p @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	125
Max 1920 x 1080 (1080p) Range (ft)	125
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 Output	HDMI
Audio Specification	Stereo Audio
INPUT	
Product Length (in.)	8.4
POWER	
Power Source	Receiver end only (Included)
Power Source Type	USB
Power Over Cable (PoC) Support	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (Activity)
PHYSICAL	
Color	Black
Material of Construction	Polycarbonate
Number of Displays	1
Form Factor/Mounting Options	Pigtail
Rackmountable	No
Shipping Dimensions (hwd / cm)	3.30 x 15.60 x 12.19
Shipping Dimensions (hwd / in.)	1.30 x 6.14 x 4.80
Shipping Weight (kg)	0.11
Shipping Weight (lbs.)	0.25
Unit Dimensions (hwd / cm)	2.4 x 6.1 x 5.2
Unit Dimensions (hwd / in.)	0.9 x 2.4 x 2
Unit Packaging Type	Box
Unit Weight (kg)	0.04
Unit Weight (lbs.)	0.09
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	
Signal Range (ft.)	125
Signal Range (m)	38
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-USB B (FEMALE); RJ45 (FEMALE)
Side B - Connector 1	HDMI (MALE)
Connector Plating	Gold
FEATURES & SPECIFICATIONS	
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
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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