

Tripp Lite
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2-Port HDMI over Cat5/6 Active Extender/Splitter, Remote Receiver for Video/Audio, Up to 150 ft. (45 m), TAA

MODEL NUMBER: B126-2A0







Works with Tripp Lite's B126-Series transmitters to receive an HDMI signal via one Cat5e/6 cable and split it to 2 projectors, monitors or televisions. Ideal for digital signs, schools and trade show presentations.

Description

The B126-2A0 HDMI over Cat5/Cat6 Active Remote Receiver works with Tripp Lite's B126-002 or B126-004 transmitter to extend an HDMI signal and split it to two projectors, monitors or televisions. 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 or that require multiple displays connected to one source.

The receiver uses HDMI cable (see Tripp Lite's P568-Series) to connect to the monitors and Cat5e/6 cable to receive the signal from the transmitter or a remote repeater in the chain (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series).

The B126-2A0 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 connect up to three B126-110 remote repeaters in the chain for a maximum of six 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 B126-2A0 delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio when paired with a B126-002 or B126-004 transmitter. 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 compatibility. Easy to set up with no software or drivers to install. Mounts to a wall, rack or pole using the included hardware.

Features

Highlights

- Supports high-definition video resolutions up to 1080p (60 Hz)
- Supports stereo and 7.1channel 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

- B126-2A0 HDMI over Cat5/Cat6
 Active Remote Receiver
- Screwdriver for adjusting equalization
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V, 2A, 4.5-ft. (1.37 m)
- Mounting hardware
- Owner's Manual



Extends High-Definition Signals

- Works in tandem with Tripp Lite's B126-002 or B126-004 transmitter unit
- 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) and a 3D signal up to 125-ft. (38.1 m)
- Connect up to 3 B126-110 remote repeaters to the chain for maximum signal range of 700-ft. (213.36 m) (1080i), 500-ft. (152.4 m) (1080p) and 400-ft. (121.92 m) (3D)
- Connects to previous link in the chain with one Cat5e/6 cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series)

Supports the Latest Video and Audio Resolutions

- · Works with all operating systems and HDMI video sources
- Supports HD resolutions up to 1080p (60 Hz)
- Supports stereo and 7.1-channel surround sound (multi-channel or PCM) audio when paired with a B126-002 or B126-004 transmitter
- 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
- Connects 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 unit on a wall, rack or pole

TAA-Compliant

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

Specifications

OVERVIEW		
UPC Code	037332180728	
Product Type	Receiver	
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 4.5 ft.	
Technology	HDMI; Cat5/5e; Cat6	
VIDEO		
Max Supported Video Resolution	1920x1080 (1080p @ 60Hz)	
Max 720P Range (ft)	200	





Max 1080P Range (ft)	150	
Max 1280 x 720 (720p) Range (ft)	150	
Max 1920 x 1080 (1080p) Range (ft)	150	
Receiver/Transceiver Video Output	HDMI	
Receiver - Number of Video Outputs	2	
Signal Range (ft)	150	
Signal Range (m)	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	
Audio Output	HDMI	
Audio Specification	Stereo Audio	
POWER		
Power Source	Unit (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	Green (Power), Orange (Activity)	



PHYSICAL		
Color	Black	
Included Mounting Accessories	Wallmount	
Number of Displays	2	
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket B110-DIN-02	
Form Factor/Mounting Options	Box; Wall-mount	
Shipping Dimensions (hwd / cm)	5.59 x 16.00 x 18.29	
Shipping Dimensions (hwd / in.)	2.20 x 6.30 x 7.20	
Shipping Weight (kg)	0.54	
Shipping Weight (lbs.)	1.20	
Unit Dimensions (hwd / cm)	2.54 x 6.35 x 9.14	
Unit Dimensions (hwd / in.)	1 x 2.5 x 3.6	
Unit Packaging Type	Box	
Unit Weight (kg)	0.09	
Unit Weight (lbs.)	0.2	
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		
Max 1024 x 768 Range (ft)	200	
Max 480P Range (ft)	200	
Max 1440 x 900 Range (ft)	200	
Max 1080i Range (ft)	200	
Max 480i Range (ft)	200	
Max 640 x 480 Range (ft)	200	
Max 800 x 600 Range (ft)	200	
Max 1600 x 1200 Range (ft)	200	
EDID Compatible	Yes	
Consumer Electronics Control (CEC) Supported	Yes	
USB Extension Support	No	



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CONNECTIONS		
Ports	2	
Side A - Connector 1	RJ45 (FEMALE)	
Side B - Connector 1	(2) HDMI (FEMALE)	
FEATURES & SPECIFICATIONS		
HDCP Specification	1.4	
Driver Required	No	
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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