TRIPP·LITE by EAT·N

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**

Highlights

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

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 a B126-002 or B126-004 transmitter (sold separately) 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 the 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 the N202-Series).

The B126-2A0 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 connect up to three B126-110 remote repeaters in the chain for a maximum of six HDMI displays and full signal extension of 700 feet (213 meters) (1080i), 500 feet (152 meters) (1080p) or 400 feet (122 meters) (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

Extends High-Definition Signals
- Works in tandem with B126-002 or B126-004 transmitter unit
- Extends a 1080i (60 Hz) signal up to 200-ft. (61 m), a 1080p (60 Hz) signal up to 150-ft. (45.7 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 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 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	Splitter; Extender Kit
Technology	HDMI; Cat5/5e; Cat6
Host Connector	RJ45 (FEMALE)

VIDEO	
Max Supported Video Resolution	1920 x 1080 (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
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
AUDIO	
Audio Input	HDMI
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
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	Unit (Included)
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 4.5 ft.
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (Activity)
PHYSICAL	
Color	Black
Cable Length (ft.)	0
Cable Length (m)	0.00
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 / in.)	2.20 x 6.30 x 7.20
Shipping Dimensions (hwd / cm)	5.59 x 16.00 x 18.29
Shipping Weight (lbs.)	1.20
Shipping Weight (kg)	0.54
Unit Dimensions (hwd / in.)	1.000 x 2.500 x 3.600
Unit Dimensions (hwd / cm)	2.54 x 6.35 x 9.14
Unit Packaging Type	Box
Unit Weight (lbs.)	0.2
Unit Weight (kg)	0.09
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
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No

CONNECTIONS

Number of Ports	2
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE)

Input x Output	1 x 2
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	Requires B126-110

FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
MST Support	No
Built-In Equalizer	Yes
HDCP Specification	1.4
Driver Required	No

STANDARDS & COMPLIANCE	
External Power Supply Certifications	FCC; PSE; TUV; RoHS; UL; cUL
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty