Tripp Lite
1111 W. 35th Street
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HDMI over Cat5/Cat6 Extender Kit, Box-Style Transmitter & Receiver for Video and Audio, up to 150 ft., TAA

MODEL NUMBER: **B126-1A1**









Transmitter and receiver work in tandem to extend an HDMI signal via Cat5e/6 cable to a projector, monitor or television. Ideal for digital signs, schools and trade show presentations.

Description

The B126-1A1 HDMI over Cat5/Cat6 Active Extender Kit includes a transmitter unit and a receiver unit that work in tandem to extend an HDMI signal to a projector, monitor or television. The kit is ideal for digital signs, trade shows, presentations, classrooms, churches, retail settings and other applications where the source is located farther than conventional cables allow.

HDMI cable (see Tripp Lite's P568-Series) connects a monitor and the audio/video source to the transmitter's HDMI ports and another monitor to the receiver. 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).

The B126-1A1 can extend a 1080i (60 Hz) signal up to 200 feet, a 1080p (60 Hz) signal up to 150 feet and a 3D signal up to 125 feet. You can also connect up to three B126-110 remote repeaters in the chain (using Cat5e/6 cable) for a total of five HDMI displays and full signal extension of 700 feet (1080i), 500 feet (1080p) or 400 feet (3D).

In addition to crystal-clear video, the B126-1A1 delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio. 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. 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

- Extends a 1080i (60 Hz) signal up to 200 ft., a 1080p (60 Hz) signal up to 150 ft. and a 3D signal up to

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

- Transmitter unit
- Receiver unit
- Screwdriver for adjusting equalization
- (2) External Power Supplies with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.)
- Mounting hardware
- Owner's Manual

125 ft.

- Connect up to 3 B126-110 remote repeaters in between the transmitter and receiver for maximum signal range of 700 feet (1080i), 500 feet (1080p) and 400 feet (3D)
- 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 and 7.1-channel surround sound (multi-channel or PCM) audio
- 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
- Works with all operating systems and HDMI video sources
- Units connect 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 units on a wall, rack or pole

TAA-Compliant

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

Specifications

OVERVIEW	
UPC Code	037332158925
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
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 Plug(s)	NEMA 1-15P North America
External Power Supply Certifications	FCC; RoHS; UL; cUL

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USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (Activity)
PHYSICAL	
Color	Black
Included Mounting Accessories	Yes
Material of Construction	SECC
Rackmountable	Yes
Receiver Unit Dimensions (hwd / cm.)	2.6 x 9.2 x 6.4
Receiver Unit Dimensions (hwd / in.)	1 x 3.6 x 2.5
Receiver Unit Weight (kg)	0.09
Receiver Unit Weight (lbs.)	0.2
Shipping Dimensions (hwd / cm)	5.59 x 15.75 x 21.08
Shipping Dimensions (hwd / in.)	2.20 x 6.20 x 8.30
Shipping Weight (kg)	0.77
Shipping Weight (lbs.)	1.70
Transmitter Unit Dimensions (hwd / cm.)	2.6 x 9.2 x 6.4
Transmitter Unit Dimensions (hwd / in.)	1 x 3.6 x 2.5
Transmitter Unit Weight (kg)	0.09
Transmitter Unit Weight (lbs.)	0.2
Unit Packaging Type	Box
ENVIRONMENTAL	
Operating Temperature Range	-10 to 75 C (14 to 167 F)
Storage Temperature Range	-20 to 80 C (-4 to 176 F)
Relative Humidity	0% to 85%, Non-Condensing
COMMUNICATIONS	
Signal Range (ft.)	200
Signal Range (m)	61
CONNECTIONS	
Side A - Connector 1	(2) HDMI (FEMALE); RJ45 (FEMALE)
Side B - Connector 1	HDMI (FEMALE); RJ45 (FEMALE)
Connector Plating	Nickel

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FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	1080p @60Hz
HDMI Specification	1.4
HDCP Specification	1.4
Audio Specification	7.1 Channel Surround Sound (Multi-Channel or PCM)
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
Max Supported Color Depth	24-bit True Color
3D Video Supported	Yes
Technology	HDMI
CERTIFICATIONS	
Certifications	Tested to FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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