

1 x 2 HDMI over Cat5/Cat6 Extender Kit, Box-Style Transmitter and Receiver, 1080p @ 60 Hz, Up to 200-ft., TAA

MODEL NUMBER: **B126-2A1**



Description

The B126-2A1 HDMI over Cat5/Cat6 Extender Kit includes a transmitter unit and a receiver unit that work in tandem to extend an HDMI signal to two projectors, monitors or televisions. 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 or that require multiple displays connected to one source.

HDMI cable (see Tripp Lite's P568-Series) connects the local monitor and the audio/video source to the transmitter's HDMI ports and two monitors to the receiver. Cat5e/6 cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series) connects the two units.

The B126-2A1 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 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 (1080i), 500 feet (1080p) or 400 feet (3D).

In addition to crystal-clear video, the B126-2A1 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 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

- 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 125 ft.
- Connect up to 3 [B126-110](#) remote repeaters to the chain 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 the Latest Video and Audio Resolutions

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

- For international use, the [B110-INT](#) power supply can be purchased separately; it features plugs for the UK, Europe, and Australia

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



- 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
- 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
- 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	
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
PHYSICAL	
Included Mounting Accessories	Yes
Color	Black
ENVIRONMENTAL	
Operating Temperature Range	0 to 40 C (32 to 104 F)
Storage Temperature Range	-20 to 60 C (-4 to 140 F)
Relative Humidity	20 to 90%
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 1080P Range (ft)	150
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



Max 720P Range (ft)	200
CONNECTIONS	
Ports	2
Side A - Connector 1	(2) HDMI (FEMALE)
Side A - Connector 2	RJ45 (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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