

HDMI over Cat5 1x2 Extender Kit

MODEL NUMBER: **B126-2A1**



Highlights

- Transmitter and Receiver Kit
- Receiver splits to 2 x HDMI ports for two TV connection
- 1080p up to 150ft, 1080i up to 200ft

Package Includes

- B126-2A1 Kit (Transmitter and Receiver)
- External Power Supply (Input: 100-240V, 50/60Hz, 0.5A Output: 5V, 2A)
- Mounting Hardware
- Screwdriver for Equalization Adjustment
- Owner's Manual

Description

The B126-2A1 transmits a 1080p (60Hz) signal to a monitor up to 150 ft. away using Cat5e/6 cable, where the Receiver then splits out to two HDMI ports, allowing two screens to show the source image. To achieve maximum distance and resolution, use 24Awg Solid Wire Cat5e/6 cable. ([Tripp Lite's N202-Series](#)) The transmitter unit features an HDMI port for the connection of a local monitor. The receiver unit features a built-in Equalization control for adjustment of the video image. Supports 24-bit True Color (8-bits per channel), HDCP, 3D, and both stereo audio and 7.1 channel surround sound audio (7.1 channel surround sound signal will be Multi-Channel or PCM).

Installation is simple. Connect the transmitter unit to an HDMI source using a Tripp Lite P568-Series HDMI cable (not included). Connect the receiver unit to two displays using a Tripp Lite P568-Series HDMI cable (not included). Finally, connect the receiver to the RJ45 port on the transmitter using a single Cat5e/6 cable.

- A 1080p (60Hz) signal can be transmitted up to 150 ft.
- A 1080i (60Hz) signal can be transmitted up to 200 ft.
- A 3D signal can be transmitted up to 125 ft.

Further extend the signal range or add more displays by using a Tripp Lite Remote Repeater unit:

- Add up to three [repeaters](#), with a receiver unit located at the end of the installation, for a total of 4 displays.
- A 1080p (60Hz) signal can be extended up to 125 ft. for each repeater in the installation. In a full 4 level chain (3 repeaters, 1 receiver), a 1080p (60Hz) signal can be extended up to 500 ft..
- A 1080i (60Hz) signal can be extended up to 175 ft. for each repeater in the installation. In a full 4 level chain (3 repeaters, 1 receiver), a 1080i (60Hz) signal can be extended up to 700 ft..
- A 3D signal can be extended up to 100 ft. for each repeater in the installation. In a full 4 level chain (3 repeaters, 1 receiver), a 3D signal can be extended up to 400 ft..

Features

- Connect to TV's to a single HDMI video source over a single Cat5/6 cable
- Extends an HDMI signal to 2 monitors up to 200 ft. from the source over a single Cat5e/6 cable.
- Extends a 1080p (60Hz) signal up to 150 ft. from the source using Cat6 cabling, or up to 125 ft. using Cat5 cabling.
- Extends a 1080i (60Hz) signal up to 200 ft. from the source using Cat6 cabling, or up to 175 ft. using Cat5 cabling.



- Use 24 AWG, solid wire Cat5e/6 cable, such as Tripp Lite's [N202-Series](#), to achieve maximum distance and resolution.
- Further expand the range and number of monitors by adding [B126-110](#) repeater units.
- Add up to three repeaters on each Cat5e/6 channel, for a total of 4 displays per channel (An Active remote receiver should be the last unit in a channel).
- A 1080p (60Hz) signal can be extended up to 125 ft. for each repeater added into a channel (or up to 175 ft, for a 1080i (60Hz) signal when using either Cat5e or Cat6 cabling).
- Supports 24-bit True Color (8-bits per channel).
- Built-in equalization control to adjust the video image.

Specifications

OVERVIEW	
Cable Type	HDMI
Display Style	Extender
PHYSICAL	
Mounting accessories included	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%
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

Related Items

Recommended Products

Model Number	Description	Qty.
N202-100-BL	100-ft. Cat6 Gigabit Solid Conductor Snagless Patch Cable (RJ45 M/M) - Blue	1
N202-150-BL	150-ft. Cat6 Gigabit Solid Conductor Snagless Patch Cable (RJ45 M/M) - Blue	1
N202-200-BL	200-ft. Cat6 Gigabit Solid Conductor Snagless Patch Cable (RJ45 M/M) - Blue	1

Optional Products

Model Number	Description	Qty.
B110-INT	International AC Adapter for Tripp Lite Video over CAT5 Extenders	1
P568-006	6-ft. High Speed HDMI Gold Cable	1



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P568-010	10-ft. High Speed HDMI Gold Cable	1
P568-016	16-ft. High Speed HDMI Gold Cable	1
B126-1A1	HDMI Over Cat5 Active Extender Kit	1
B126-1A1SR	HDMI + IR + Serial RS232 over Cat5 Active Extender Kit	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at:

<http://www.tripplite.com/sku/B126-2A1>.

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