

## Excellent Integrated System Limited

Stocking Distributor

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[Tripp Lite](#)  
[B126-1A1SR](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**Tripp Lite**

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## HDMI Over Cat5/6 Extender Kit w/ Serial and IR Control, Transmitter and Receiver, 4K x 2K, 1080p @ 60 Hz, Up to 328-ft.

MODEL NUMBER: **B126-1A1SR**



### Description

The B126-1A1SR HDMI over Cat5/Cat6 Extender Kit includes a transmitter unit and a receiver unit that work in tandem to extend HDMI audio and video, RS-232 serial and IR Remote Control signals 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 video source is located farther than conventional cables allow.

How far you can extend the signals depends on the cable you use to connect the transmitter and receiver. You can extend a 3840 x 2160 (4K x 2K) Ultra High Definition (UHD) signal @ 24 Hz up to 328 feet (100 m) with a single Cat6a cable, up to 230 feet (70 m) with a 24 AWG solid-wire Cat6 cable (Tripp Lite's N202-Series), and up to 150 feet (48 m) with a 26 AWG solid-wire Cat5e cable (N001- and N002-Series).

For extending computer video resolutions of 1920 x 1200 @ 60 Hz or high-definition video resolutions of 1080p @ 60 Hz up to 328 feet (100 m), use a single 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series. You can also control RS-232 serial devices, such as touchscreen displays or scanners, at baud rates up to 115 Kbps.

The B126-1A1SR supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio, as well as 3D video 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 3840 x 2160 (4K x 2K) Ultra High Definition (UHD) signal up to:

- 328 ft. (100 m) with a single Cat6a cable (custom-ordered from Tripp Lite)
- 230 ft. (70 m) with a 24 AWG solid-wire Cat6 cable (N202-Series)
- 150 ft. (48 m) with a 26 AWG solid-wire Cat5e cable (N001- and N002-Series)

Extends a computer video signal of 1920 x 1200 @ 60 Hz or HD signal of 1080p @ 60 Hz up to 328 ft. (100 m) with Cat5e/6 patch cable (N202-Series)

### Highlights

- Extends a 3840 x 2160 (4K x 2K) signal up to 328 ft. (100 m)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Controls RS-232 serial devices at baud rates up to 115 Kbps
- Works with all operating systems and HDMI video sources
- Plug and play—no software or drivers to install

### Package Includes

- Transmitter unit
- Receiver unit
- (2) IR-IN cables
- (2) IR-OUT cables
- 3.5 mm Male to DB9 Female adapter cable
- 3.5 mm Male to DB9 Male adapter cable
- (2) External Power Supplies with NEMA 1-15P Plug (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 3A)
- Mounting hardware
- Owner's Manual



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#### Supports the Latest Video and Audio Resolutions

- Works with all operating systems and HDMI video sources
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio
- Supports 3D video and HDCP

#### Allows You to Control Other Display Devices

- 2-way 39 KHz IR Remote Control functionality lets you control your Blu-ray player with its remote while standing at the remote monitor (and vice versa)
- RS-232 serial port supports 115 Kbps full-duplex baud rates for scanners and touchscreen monitors

#### Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install
- Units connect quickly to source and display with HDMI cable (P568-Series)
- Included mounting hardware lets you install each unit 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, 3A
PHYSICAL	
Included Mounting Accessories	Y
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)	328
Max 480P Range (ft)	328
Max 1440 x 900 Range (ft)	328
Max 1080i Range (ft)	328
Max 1080P Range (ft)	328
Max 1920 x 1440 Range (ft)	328



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Max 2560 x 1600 Range (ft)	328
Max 4K UHD Range (ft)	328
Max 480i Range (ft)	328
Max 640 x 480 Range (ft)	328
Max 800 x 600 Range (ft)	328
Max 1600 x 1200 Range (ft)	328
Max 1920 x 1200 Range (ft)	125
Max 2048 x 1536 Range (ft)	125
Max 720P Range (ft)	328
<b>CONNECTIONS</b>	
Ports	1
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	DB9 (FEMALE)
Side A - Connector 3	RJ45 (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
Side B - Connector 3	DB9 (MALE)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

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Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<http://www.tripplite.com/products/product-certification-agencies>