

HDMI over Cat5/6 Extender Kit, Transmitter/Receiver, 4K, Serial and IR Control, Up to 328 ft., TAA

MODEL NUMBER: **B126-1A1SR**



Transmit HDMI video and audio, RS-232 serial and IR Remote Control signals over a single Cat5e/6a cable up to 328 ft. to a projector, monitor or television. Ideal for digital signs and trade show presentations.

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 @ 24/30Hz 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

Highlights

- Extends a 3840 x 2160 (4K x 2K) @ 24/30Hz 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



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.triplite.com

- 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)

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	
UPC Code	037332171108
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A
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 / 1.0A
External Power Supply Output Specs (V / A)	5V / 3A



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

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
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (Activity)
PHYSICAL	
Color	Black
Included Mounting Accessories	Y
Material of Construction	SECC
Rackmountable	Yes
Receiver Unit Dimensions (hwd / cm.)	2.7 x 11.5 x 6.24
Receiver Unit Dimensions (hwd / in.)	1.1 x 4.5 x 2.5
Receiver Unit Weight (kg)	0.39
Receiver Unit Weight (lbs.)	0.85
Shipping Dimensions (hwd / cm)	5.08 x 15.75 x 28.70
Shipping Dimensions (hwd / in.)	2.00 x 6.20 x 11.30
Shipping Weight (kg)	1.09
Shipping Weight (lbs.)	2.40
Transmitter Unit Dimensions (hwd / cm.)	2.7 x 11.5 x 6.24
Transmitter Unit Dimensions (hwd / in.)	1.1 x 4.5 x 2.5
Transmitter Unit Weight (kg)	0.39
Transmitter Unit Weight (lbs.)	0.85
Unit Packaging Type	Box
ENVIRONMENTAL	
Operating Temperature Range	14 to 167 F (-10 to 75 C)
Storage Temperature Range	-4 to 176 F (-20 to 80 C)
Relative Humidity	0% to 85%, Non-Condensing
COMMUNICATIONS	



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Signal Range (ft.)	328
Signal Range (m)	100
CONNECTIONS	
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	(3) 3.5MM (FEMALE)
Side A - Connector 3	RJ45 (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
Side B - Connector 3	(3) 3.5MM (FEMALE)
Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	3840 x 2160 (4K x 2K) @ 24/30Hz
HDMI Specification	1.4
HDCP Specification	1.4
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
Max Supported Color Depth	24-bit True Color
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
3D Video Supported	Yes
Technology	HDMI; Serial (RS232); IR
STANDARDS & COMPLIANCE	
Certifications	Tested to FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

© 2020 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. 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: <https://www.tripplite.com/products/product-certification-agencies>