Powering Business Worldwide

TRIPP LITE SERIES

Important Note

This extender kit operates in line-of-sight only. Make sure to install in an environment where few obstacles are present.

Wireless HDMI Extender Kit, Transmitter/Receiver, Zero Latency, 4K, 7.1 Audio, HDCP 2.2, Up to 98 ft. (30 m)

MODEL NUMBER: **B127-1A1-WHD1**









Extends a wireless HDMI 4K audio/video signal with zero latency to an HDMI display located up to 98 ft. (30 m) from the source device.

Features

All-in-One Wireless Extender Kit Ideal for Transmitting 4K Video in Home Theaters and Offices
This complete wireless HDMI transmitter and receiver system is recommended for video presentations, high-level gaming and live television events in your home, office, restaurant, bar, trade show and other applications in which connecting long video cables could be a burden. This kit extends 4K video and 7.1-channel audio from an HDMI source device to an HDMI display up to 98-ft. (30 m) away. No bulky or costly cabling infrastructure is needed.

Wireless Transmission Saves You Money on Cable and Installation Costs
The B127-1A1-WHD1 eliminates more than just hassles. You'll save on the costs of cabling infrastructure and the labor to install it. Cable clutter is reduced, and you will enjoy more flexibility in placement of the source and display with no cables to relocate when you want to reconfigure the room. The transmitter and receiver units communicate over a 60 GHz wireless frequency that allows fast data transmission and reduced interference from other wireless sources. Be sure the transmitter and receiver share a direct line of sight for best results.

Enjoy Live Video with No Lag or Delay in Transmission
Because this kit features the latest wireless technology with 10.2 Gbps of bandwidth, it transmits live audio and video with virtually no latency. It is recommended for high-end video gaming, video conferencing, digital signage or watching live television events.

Transmits Crystal-Clear 4K Video for Ultra High-Definition Presentations
The B127-1A1-WHD1 ensures Ultra HD performance in a one-to-one application, where there is less obstruction to occur. It supports video resolutions up to 3840 x 2160 (4K x 2K) at 30 Hz with 7.1-channel LPCM, DTS-HD and Dolby AC-3 digital audio. LEDs indicate when the transmitter and receiver units are receiving power, building a wireless connection between the units and transmitting data.

Plug-and-Play Operation for Quick Setup and Immediate Use
The durable aluminum transmitter and receiver set works right out of the box with no software or drivers

Highlights

- Display HDMI audio/video up to 98-ft. (29.87 m) away with no costly cable installation
- Delivers UHD picture quality at resolutions up to 3840 x 2160 (4K x 2K) @ 30 Hz
- Provides full, rich 7.1-channel sound for realistic video gaming and live televised events
- Features 10.2 Gbps of bandwidth to ensure almost zero latency for premium viewing
- Easy plug-and-play operation—just connect the transmitter and receiver and play video

Applications

- Connect a laptop for a video or PowerPoint presentation in a conference room or meeting room, where the source device changes frequently
- Extend HDMI signals in an indoor environment where drilling through walls for cabling is impossible or not practical
- Gain flexibility in where the source and display are placed, with the freedom to move and relocate them
- Create a cleaner, streamlined installation for a trade show booth
- Improve the line of sight for digital signage in a restaurant, store, school, airport or entertainment venue

System Requirements

- Source device with HDMI output (Blu-ray player, cable box, laptop)
- Display device with HDMI input (HDTV, projector, monitor)

Package Includes

- Transmitter unit
- Receiver unit
- (2) External power supplies w/NEMA 1-15P plugs (Input: 100–240V, 50/60 Hz, 0.2A; Output: 5V 1A)
- Owner's manual

required. Connect the receiver to the display and the transmitter to the source with user-supplied HDMI cables (such as P568-Series). Then, plug the dual power supplies into an AC outlet. You can also use a USB Micro-B cable (sold separately) to power the two units via laptop, power bank or other portable power source.

Specifications

OVERVIEW	
UPC Code	037332239150
Product Type	Extender Kit
Technology	HDMI; Wireless
VIDEO	
Max Supported Video Resolution	3840 x 2160 (4K @ 30Hz)
Max 1280 x 720 (720p) Range (ft)	98
Max 1920 x 1080 (1080p) Range (ft)	98
Max 3840 x 2160 (4K@30Hz) Range (ft)	98
Transmitter Video Input	HDMI
Transmitter - Number of Video Outputs	1
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Max Supported Color Depth	24-bit True Color
HDR Support	No
3D Video Supported	Yes
Maximum Signal Range (ft)	100
Maximum Signal Range (m)	30
AUDIO	
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	7.1 Channel Surround Sound LPCM, DTS-HD and Dolby-AC3 digital audio
INPUT	
AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 2A
AC Power Adapter Output Specs (V / A)	5V / 1A

AC Power Adapter Cord Length (ft.)	5
AC Power Adapter Cord Length (m)	1.5
Bus Powered	No
POWER	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P
Power Source	Transmitter and Receiver (Included)
Power Over Cable (PoC) Support	No
DC Barrel Plug	OD: 5.5 x 2.1 x 10mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	2.50
Power Consumption Detail	TX: 2.5W; RX: 2.5W
CONNECTIONS	
Side A - Connector 1	HDMI (FEMALE); MICRO-USB B (FEMALE)
Side B - Connector 1	HDMI (FEMALE); MICRO-USB B (FEMALE)
Daisy-chainable / Cascadable	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	TX & RX: (x1) Blue (Power), (x1) Orange (Connection)
PHYSICAL	
Color	Black
Material of Construction	Aluminum
Number of Displays	1
Form Factor/Mounting Options	Box
Receiver Unit Dimensions (hwd / in.)	3.11 x 2.13 x 2.29
Receiver Unit Weight (lbs.)	0.26
Transmitter Unit Dimensions (hwd / in.)	3.11 x 2.13 x 2.29
Transmitter Unit Weight (lbs.)	0.26
Unit Packaging Type	Box
Housing	Metal
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Relative Humidity	0-90% non-condensing

COMMUNICATIONS	
Signal Range (ft.)	98
Signal Range (m)	30
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
Latency	Near-Zero
USB Extension Support	No
FEATURES & SPECIFICATIONS	
Wireless Transmission Distance	98ft (30m)
10/100 Ethernet Extension Support	No
Transmission RF Frequency	60 GHz Wireless
Built-In Equalizer	No
HDCP Specification	2.2
Driver Required	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	UL; cUL
Product Compliance	RoHS; REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2026 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks are the property of their respective owners.