

Mini Wireless HDMI Extender Kit, Pigtail Transmitter and Receiver - 4K 30 Hz, SSID Channel Switching, Up to 65 ft. (20 m)

MODEL NUMBER: B127B-1A1-WH4HH



Extends a wireless 4K HDMI audio/video signal with low latency to an HDMI display located up to 65 ft. from the source device.

Features

Mini Wireless HDMI Extender Kit for 4K Presentations in Classrooms and Retail Displays

This complete wireless transmitter and receiver system is recommended for video presentations, education, retail pop-ups, and event setups where reliable wireless transmission is critical. Optimized for static and video presentations, the B127-1A1-WH4HH extends 4K video and audio from an HDMI source device to an HDMI display up to 65 feet (20 meters) away. The compact pigtail designs fit easily into a travel bag or AV equipment kit. **Note:** Requires direct line of sight between transmitter and receiver for optimal performance.

Wireless Transmission Saves You Money on Cable and Installation Costs

The B127-1A1-WH4HH eliminates more than just hassles. You'll save on the costs of cabling infrastructure and the labor to install it in areas where running HDMI cabling through walls is costly or not possible. 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.

Supports SSID Channel Switching

Unlike many wireless HDMI kits, the B127B-1A1-WH4HH supports SSID channel switching to reduce interference from other wireless sources for stable performance in crowded wireless environments. The transmitter and receiver communicate over a 5.18–5.24 GHz wireless frequency.

Transmits Crystal-Clear 4K Video for Ultra High-Definition Presentations

The B127-1A1-WH4HH ensures Ultra HD performance in a one-to-one application, where there is less obstruction to occur. It supports 4K video resolutions (3840 x 2160) at 30 Hz. LEDs indicate when the transmitter and receiver units are receiving power, building a wireless connection between the units and transmitting data. The kit supports HDCP 1.4 compliance for streaming protected content and a low latency of 80–170 ms that is ideal for presentations, signage and video playback.

Plug-and-Play Operation for Quick Setup and Immediate Use

The wireless transmitter and receiver set works right out of the box with no software or Wi-Fi required. Connect the receiver to the display's HDMI port and the transmitter to the source's HDMI port. Included USB-A power cables allow the units to be directly powered from an available USB port on a laptop or display or a 5V 1A USB power adapter (sold separately).

Highlights

- Displays HDMI audio/video up to 65 ft. away with no costly cable infrastructure
- Supports UHD resolutions up to 4K @ 30 Hz for heightened video quality
- Allows you the freedom of positioning devices without constraint of cable placement
- Low-profile design convenient for travel to lectures, trade shows and meetings for work
- Plug-and-play operation with no software required for easy, immediate installation

System Requirements

- Source device with HDMI output (Blu-ray player, external hard drive, laptop)
- Display device with HDMI input (HDTV, projector, monitor)
- Available USB-A power port(s) on host/display or 5V 1A power adapters (sold separately)

Package Includes

- HDMI transmitter
- HDMI receiver
- (2) USB-A to USB Micro-B cables (M/M), 3 ft. (0.9 m)
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332290069
Product Type	Wireless Extender
Device Compatibility	Computer; Laptop; Monitor/HDTV; Projector
Technology	HDMI; Wireless
VIDEO	
Video Input	HDMI (MALE)
Video Output	HDMI (MALE)
Number of Monitors Supported	1
Video Ports	HDMI (MALE)
Max Supported Video Resolution	3840x2160 @ 24/30 Hz (YUV 4:4:4, YUV 4:2:2 and RGB); 1080P @ 50/60Hz; 720P @ 50/60Hz; 1920x1200 @ 60Hz
Max. Distance (Between any 2 Units)	65
Max 1920 x 1200 Range (ft)	65
Max 2560 x 1600 Range (ft)	65
Max 3840 x 2160 (4K) Range (ft)	65
Max 3840 x 2160 (4K@30Hz) Range (ft)	65
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	36-bit Deep Color
HDR Support	No
3D Video Supported	No
Chroma Sub Sampling	4:2:2; 4:4:4
Maximum Signal Range (ft)	65
Maximum Signal Range (m)	20
Bandwidth	10.2 Gbps
AUDIO	
Audio Input	HDMI
Audio Output	HDMI



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TRIPP LITE
SERIES

INPUT	
AC Power Adapter Input Specs (V / Hz / A)	Micro USB power supply (5V/1A)
Bus Powered	No
Power Source	USB
POWER	
Power Over Cable (PoC) Support	No
Power Consumption Detail	TX < 4.5W, RX < 3.5W
CONNECTIONS	
Side A - Connector 1	HDMI (MALE)
Side A - Connector 2	HDMI (MALE)
Daisy-chainable / Cascadable	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	TX: x3 Blue (Power); RX x3 Blue (Power)
PHYSICAL	
Color	Black
Material of Construction	ABS
Number of Displays	1
Rackmountable	No
Receiver Unit Dimensions (hwd / in.)	(0.6 x 1.6 x 9)
Receiver Unit Weight (lbs.)	0.12
Shipping Dimensions (hwd / in.)	7.83 x 5.86 x 3.14
Shipping Dimensions (hwd / cm)	19.90 x 14.90 x 8.00
Shipping Weight (lbs.)	0.74
Shipping Weight (kg)	0.34
Transmitter Unit Dimensions (hwd / in.)	(0.6 x 1.6 x 9)
Transmitter Unit Weight (lbs.)	0.13
Unit Dimensions (hwd / in.)	3.150 x 5.870 x 7.860
ENVIRONMENTAL	
Operating Temperature Range	-4° to 122°F (-20° to 50°C)
Storage Temperature Range	-22° to 158°F (-30° to 70°C)
Relative Humidity	0 to 90% RH, Non Condensing



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TRIPP LITE
SERIES

ESD Protection	1a Contact discharge level 3; 1b Air discharge level 3; Standard: IEC61000-4-2
COMMUNICATIONS	
Transmission Distance	20m
EDID Compatible	No
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No
Latency	80~170ms
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No
Multi-Resolution Support	No
HDCP Specification	1.4
Driver Required	No
DIN Mountable	No
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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