

Important Note

B127-1A1-WHD4CH may have a high surface temperature when in use. Please use caution when handling this product. This product is compliant with IEC 62368-1 which allows surface temperature of a plastic part to reach 77°C. This limit is specified to ensure user safety from excessive heat.

USB-C to HDMI over Wireless Extender Kit, 4K 60 Hz, Wireless USB-C to HDMI, Switchable Channel, Up to 65 ft. (20 m)

MODEL NUMBER: B127-1A1-WHD4CH



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

Features

HDMI Wireless Extender Ideal for Displaying 4K Video in Classrooms and Conference Rooms

This complete wireless transmitter and receiver system is recommended for video presentations in conference rooms, trade shows, home theaters, digital signage and other applications in which connecting long video cables could be a burden. The B127-1A1-WHD4CH extends 4K video and audio from a USB-C source device to an HDMI display up to 65 feet (20 meters) away. No bulky or costly cabling infrastructure is needed.

Wireless Transmission Saves You Money on Cable and Installation Costs

The B127-1A1-WHD4CH 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 5.18–5.24 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.

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

The B127-1A1-WHD4CH 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 60 Hz. 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 wireless transmitter and receiver set works right out of the box with no software required. Connect the receiver to the display's HDMI port and the transmitter to the source's USB-C port. Included USB cables connect the two units to a 5V 1A AC wall charger (not included) if extra power is required.

Highlights

- Displays HDMI audio/video up to 65 ft. away with no costly cable infrastructure
- Supports UHD resolutions up to 4K @ 60 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 USB-C output (Blu-ray player, external hard drive, laptop)
- Display device with HDMI input (HDTV, projector, monitor)

Package Includes

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



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Specifications

OVERVIEW	
UPC Code	037332286963
Product Type	Wireless Extender
Technology	HDMI; Wireless
VIDEO	
Video Input	USB C (MALE)
Video Output	HDMI (MALE)
Number of Monitors Supported	1
Video Ports	HDMI (MALE)
Max Supported Video Resolution	3840x2160 @24/30/50/60Hz; (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
Max 3840 x 2160 (4K@60Hz) Range (ft)	65
Transmitter Video Input	USB-C
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
AUDIO	
Audio Input	USB-C
Audio Output	HDMI



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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 < 5W, RX < 3.5W
CONNECTIONS	
Side A - Connector 1	USB C (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 / cm.)	1.524 x 4.064 x 22.86
Receiver Unit Dimensions (hwd / in.)	0.6 x 1.6 x 9
Receiver Unit Weight (kg)	0.0499
Receiver Unit Weight (lbs.)	0.11
Shipping Dimensions (hwd / in.)	3.15 x 5.86 x 7.83
Shipping Dimensions (hwd / cm)	8.00 x 14.90 x 19.90
Shipping Weight (lbs.)	0.74
Shipping Weight (kg)	0.34
Transmitter Unit Dimensions (hwd / cm.)	1.524 x 4.064 x 22.86
Transmitter Unit Dimensions (hwd / in.)	0.6 x 1.6 x 9
Transmitter Unit Weight (kg)	0.0454
Transmitter Unit Weight (lbs.)	0.1
Unit Dimensions (hwd / in.)	3.150 x 5.870 x 7.840



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Housing	Plastic
ENVIRONMENTAL	
Operating Temperature Range	-4° to 122°F (-20° to 50°C)
Storage Temperature Range	-22° to 158°F (-30° to 70°)
Relative Humidity	0-90% non-condensing
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	100~250ms
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; 2.2
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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