

Wireless HDMI Extender Kit, Transmitter/Receiver, IR Control, Dual Antennas, Up to 165 ft. (50 m)

MODEL NUMBER: B126-1A1-WHD3



Wirelessly extends an HDMI 1080p (@ 60 Hz) audio/video signal to an HDMI display located up to 165 ft. (50 m) from the source.

Features

All-in-One HDMI Wireless Extender for Displaying Video in Boardrooms and Conference Rooms

This complete wireless HDMI 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 B126-1A1-WHD3 extends 1080p video and stereo audio signals from an HDMI source device to an HDMI display up to 165-ft. (50.29 m) away. No bulky or costly cabling infrastructure is needed.

Plug-and-Play Operation for Quick Setup and Immediate Use The wireless HDMI audio/video transmitter and receiver set works right out of the box with no software or drivers required. Mounting hardware is included for installing the units on walls or other flat surfaces. Connect the receiver to the display and the transmitter to the source with user-supplied HDMI cables (such as Tripp Lite's P568-Series). Then, connect the included IR cables for remote control, and plug the dual power supplies into an AC outlet.

Wireless Transmission Saves You Money on Cable and Installation Costs The B126-1A1-WHD3 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 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.

IR Pass-Through Technology Lets You Control the Video from an Extended Distance The IR cables let you control your source device with its remote (play, pause, fast forward, etc.), while you're standing near the receiver located up to 50 meters away. Make sure the transmitter's IR bulb is within sight of the source and the receiver's IR bulb is in range of the source's remote.

Transmits Crystal-Clear 1080p Video for High-Definition Presentations The B126-1A1-WHD3 ensures high-definition performance in a one-to-one application, where there is less obstruction to occur. It supports video resolutions up to 1920 x 1080 (1080p) at 60 Hz with 24-bit Deep Color (8 bits per channel) and stereo audio. AES 128 encryption protects your wireless transmissions. LEDs indicate when the

Highlights

- Display HDMI audio/video up to 165-ft. (50.29 m) away with no costly cable installation
- Transmits HD picture quality at resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- IR pass through allows you to use your source's remote while near the display
- Easy plug-and-play operation—just connect the transmitter and receiver and play video
- Hardware included for mounting transmitter/receiver units on wall or other flat surface

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 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
- IR-In cable
- IR-Out cable
- (4) Antennas
- (2) External power supplies (Input: 100–240V, 50/60 Hz,

transmitter and receiver units are receiving power, transmitting data and connected to a wireless signal.

- 0.4A; Output: 5V 2A)
- (8) International plug adapters (North America, Europe, United Kingdom, Australia)
 - Mounting hardware
 - Owner's manual

Specifications

OVERVIEW	
UPC Code	037332235961
Product Type	Extender Kit
Technology	HDMI; Wireless
VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Max Supported Video Resolution	1920x1080 (1080p @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	50
Max 1920 x 1080 (1080p) Range (ft)	165
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)	165
Maximum Signal Range (m)	50
AUDIO	
Audio Input	3.5mm
Audio Output	3.5mm
Audio Specification	PCM
INPUT	

AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50-60Hz / 0.3A
AC Power Adapter Output Specs (V / A)	5V/2A
AC Power Adapter Cord Length (ft.)	4
AC Power Adapter Cord Length (m)	1.2
Bus Powered	No
POWER	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P; CEE 7/16 Schuko; BS1363; AS/NZS 3112
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)	7
Power Consumption Detail	TX: 7W; RX: 5W
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Wifi, Data, and Signal)
PHYSICAL	
Color	Black
Material of Construction	Steel
Included Mounting Accessories	Wallmount
Number of Displays	1
Form Factor/Mounting Options	Box; Wall-mount
Rackmountable	No
Receiver Unit Dimensions (hwd / cm.)	11 x 7.5 x 2.2
Receiver Unit Dimensions (hwd / in.)	4.3 x 3.0 x 0.87
Receiver Unit Weight (kg)	0.53
Receiver Unit Weight (lbs.)	1.17
Transmitter Unit Dimensions (hwd / cm.)	11 x 7.5 x 2.2
Transmitter Unit Dimensions (hwd / in.)	4.3 x 3.0 x 0.87
Transmitter Unit Weight (kg)	0.53
Transmitter Unit Weight (lbs.)	1.17
Unit Packaging Type	Box

Housing	Metal
ENVIRONMENTAL	
Operating Temperature Range	32 to 122 F (0 to 50 C)
Storage Temperature Range	14 to 158 F (-10 to 70 C)
Relative Humidity	0% to 90% RH, Non-Condensing
COMMUNICATIONS	
Signal Range (ft.)	165
Signal Range (m)	50
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
Latency	200ms
USB Extension Support	No
CONNECTIONS	
Number of Ports	4
Side A - Connector 1	3.5MM (FEMALE); HDMI (FEMALE)
Side B - Connector 1	3.5MM (FEMALE); HDMI (FEMALE)
FEATURES & SPECIFICATIONS	
Data Transfer Rate	10 Mbps
10/100 Ethernet Extension Support	No
Transmission RF Frequency	5G Wireless
Built-In Equalizer	No
HDCP Specification	1.2
Driver Required	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; FCC; UL; C-Tick; GS; RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty



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