

## Wireless HDMI Extender Kit, Transmitter/Receiver, IR Control, Dual Antennas, 2nd Receiver Option, Up to 165 ft. (50 m)

MODEL NUMBER: B126-1A1-WHD1



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

### 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, bars, restaurants, schools, digital signage and other applications in which connecting long video cables could be a burden. The B126-1A1-WHD1 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 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-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 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 165-ft. (50.29 m) 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-WHD1 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 transmitter and receiver units are receiving power, transmitting data and connected to a wireless signal.

### Highlights

- Display HDMI audio/video up to 165-ft. (50.29 m) away with no costly cable installation
- Supports connection of a 2nd receiver up to 85-ft. (25.91 m) away from the source
- 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

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

0.6A; Output: 5V 3A)

- (8) International plug adapters (North America, Europe, United Kingdom, Australia)
- Mounting hardware
- Owner's manual

## Specifications

OVERVIEW	
UPC Code	037332201201
Product Type	Extender Kit
Technology	HDMI; Wireless
VIDEO	
Max Supported Video Resolution	1920x1080 (1080p @ 60Hz)
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 Specification	PCM
INPUT	
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50-60Hz / 0.6A
AC Power Adapter Output Specs (V / A)	5V/3A
AC Power Adapter Cord Length (ft.)	4
AC Power Adapter Cord Length (m)	1.2
Bus Powered	No
POWER	
AC Plug Type	NEMA 1-15P; CEE 7/16 Schuko; BS1363; AS/NZS 3112
Power Over Cable (PoC) Support	No
DC Barrel Plug	OD: 5.5 x 2.1 x 10mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	8.5

Power Consumption Detail	Tx: 8.5; Rx: 5.5
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Blue (Power); Orange (Data Transmission); Green (Connection)
<b>PHYSICAL</b>	
Color	Black
Material of Construction	Steel
Number of Displays	1
Receiver Unit Dimensions (hwd / cm.)	3.1 x 17.3 x 9.8
Receiver Unit Dimensions (hwd / in.)	1.2 x 6.8 x 3.9
Receiver Unit Weight (kg)	0.53
Receiver Unit Weight (lbs.)	1.2
Shipping Dimensions (hwd / in.)	2.40 x 9.90 x 17.30
Shipping Dimensions (hwd / cm)	6.10 x 25.15 x 43.94
Shipping Weight (lbs.)	4.60
Shipping Weight (kg)	2.09
Transmitter Unit Dimensions (hwd / cm.)	3.1 x 17.3 x 9.8
Transmitter Unit Dimensions (hwd / in.)	1.2 x 6.8 x 3.9
Transmitter Unit Weight (kg)	0.53
Transmitter Unit Weight (lbs.)	1.2
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Packaging Type	Box
Housing	Metal
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32 to 104 F (0 to 40 C)
Storage Temperature Range	-4 to 140 F (-20 to 60 C)
Relative Humidity	0% to 95% RH, Non-Condensing
BTUs	Tx: 29 BTU/Hr; Rx: 18.8 BTU/Hr
<b>COMMUNICATIONS</b>	
Signal Range (ft.)	164
Signal Range (m)	50
EDID Compatible	Yes

IR Remote Extension Support	Yes
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No
Latency	120ms
USB Extension Support	No
<b>CONNECTIONS</b>	
Number of Ports	1
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Connector Plating	Gold
<b>FEATURES &amp; SPECIFICATIONS</b>	
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
HDCP Specification	1.2
Driver Required	No
<b>REMOTE ACCESS</b>	
Modem Port	No
<b>STANDARDS &amp; COMPLIANCE</b>	
External Power Supply Certifications	CE; FCC; UL; C-Tick; GS; RoHS
Product Compliance	RoHS
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	1-year limited warranty