

## Wireless HDMI Extender 1080p with IR Control, 200 m (650 ft.)

MODEL NUMBER: **B126-1A1-WHD2**



### Description

The B126-1A1-WHD2 Wireless HDMI Extender 1080p is an all-in-one wireless solution for extending an HDMI audio/video signal up to 200 meters (650 feet). No costly, bulky cabling infrastructure is needed, making the extender kit ideal for home theaters, office workstations, digital signage and trade show presentations where connecting long video cables would be a burden.

Merely connect HDMI cables (such as Tripp Lite's P568-Series) and the included IR cables to the transmitter and receiver units, then connect the included external power supplies to both units and a compatible AC power source. IR control functionality lets you access the HDMI source device remotely, meaning you can stand near the display device 200 meters away and activate play, pause, fast forward and other functions on the source's remote.

The B126-1A1-WHD2 supports high-definition video resolutions up to 1920 x 1080 (1080p) at 60 Hz. It's compatible with HDMI 1.3 and HDCP 1.2, and supports 24-bit Deep Color (8 bits per channel) and stereo audio, as well as 300 MHz/3.4 Gbps per channel bandwidth (10.2 Gbps total). AES 128 encryption protects your wireless transmissions. LEDs indicate the units are receiving power, transmitting data and connected to a wireless signal.

With no busy cabling infrastructure to clutter your application, you're free to move your source and display devices where needed. The plug-and-play B126-1A1-WHD2 needs no additional software or drivers to operate. International plug adapters for North America, Europe, the United Kingdom and Australia are included with the power supplies.

### Features

#### Wirelessly Extends an HDMI Audio/Video Signal Up to 200 m (650 ft.)

- Easy no-fuss, no-mess setup with no costly cabling infrastructure
- Ideal for homes, offices, digital signage applications, trade shows and anywhere else where connecting long video cables is impractical

### Highlights

- Supports video resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- IR control for accessing HDMI source device remotely
- Compatible with HDMI 1.3 and HDCP 1.2
- Supports 24-bit Deep Color and stereo audio
- Easy no-fuss setup with no cabling infrastructure

### System Requirements

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

### Package Includes

- Transmitter unit
- Receiver unit
- IR-In cable
- IR-Out cable
- (2) External power supplies (Input: 100–240V, 50/60 Hz, 0.6A; Output: 5V 3A)
- (2) Sets of international plug adapters (North America, Europe, U.K., Australia)
- Mounting hardware
- Owner's manual



#### Enhanced Technical Features

- Supports video resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- Extends IR control signals that control an HDMI source from the remote display
- Compatible with HDMI 1.3 and HDCP 1.2
- Supports 24-bit Deep Color (8 bits per channel) and stereo audio
- Supports 300 MHz/3.4 Gbps per channel bandwidth (10.2 Gbps total)
- AES 128 encryption protects transmissions
- Uses a 5GHz wireless frequency
- LEDs indicate power, data transmission and connection status

#### Plug-and-Play Functionality

- No software or drivers required
- Mounting hardware included for installing transmitter and receiver units in desired location

## Specifications

OVERVIEW	
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
PHYSICAL	
Included Mounting Accessories	Yes
Color	Black
ENVIRONMENTAL	
Operating Temperature Range	0 to 40 C (32 to 104 F)
Storage Temperature Range	-20 to 60 C (-4 to 140 F)
Relative Humidity	20 to 90%
COMMUNICATIONS	
Max 1024 x 768 Range (ft)	200
Max 480P Range (ft)	200
Max 1440 x 900 Range (ft)	200
Max 1080i Range (ft)	200
Max 1080P Range (ft)	150
Max 480i Range (ft)	200
Max 640 x 480 Range (ft)	200
Max 800 x 600 Range (ft)	200
Max 1600 x 1200 Range (ft)	200
Max 720P Range (ft)	200



<b>CONNECTIONS</b>	
Ports	1
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	RJ45 (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
10/100 Ethernet Extension Support	No
<b>CERTIFICATIONS</b>	
Certifications	Tested to
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

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