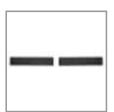Wireless extender kits should not be used within 50m (164ft) of each other.

Wireless HDMI Extender 1080p with IR Control, 50 m (165 ft.)

MODEL NUMBER: **B126-1A1-WHD1**

Extend an HDMI audio/video 1080p signal (@ 60 Hz) up to 50 m (165 ft.) from the source wirelessly. Recommended for home theaters, office workstations, digital signage and trade show presentations.

Description

The B126-1A1-WHD1 Wireless HDMI Extender 1080p is an all-in-one wireless solution for extending an HDMI audio/video signal up to 50 meters (165 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 50 meters away and activate play, pause, fast forward and other functions on the source's remote.

The B126-1A1-WHD1 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-WHD1 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

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

Wirelessly Extends an HDMI Audio/Video Signal Up to 50 m (165 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

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	
UPC Code	037332201201
Technology	HDMI (All types)
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240
External Power Supply Input Specs (V / Hz / A)	100-240V / 50Hz/60Hz / 0.6A
External Power Supply Output Specs (V / A)	5V / 3A
External Power Supply Cord Length (ft.)	4
External Power Supply Cord Length (m.)	1.2
External Power Supply DC Barrel Connector Specs	OD: 5.5 x 2.1 x 10mm, Positive Pin, Negative Sleeve
External Power Supply Plug(s)	NEMA 1-15P North America; CEE 7/16 Schuko; BS 1363 UK; AS/NZS 3112 Australia
External Power Supply Certifications	CE; FCC; UL; C-Tick; GS; RoHS
USER INTERFACE, ALERTS & CONTROLS	

LED Indicators	Blue (Power); Orange (Data Transmission); Green (Connection)

PHYSICAL	
Shipping Dimensions (hwd / in.)	2.400 x 9.900 x 17.300
Shipping Dimensions (hwd / cm)	6.10 x 25.15 x 43.94
Shipping Weight (lbs.)	4.6000
Shipping Weight (kg)	2.09
Unit Packaging Type	Box
Material of Construction	Iron
Included Mounting Accessories	Yes
Color	Black
Transmitter Unit Dimensions (hwd / in.)	1.2 x 6.8 x 3.9
Transmitter 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 Dimensions (hwd / cm.)	3.1 x 17.3 x 9.8
Transmitter Unit Weight (lbs.)	1.2
Transmitter Unit Weight (kg)	0.53
Receiver Unit Weight (lbs.)	1.2
Receiver Unit Weight (kg)	0.53

ENVIRONMENTAL	
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
Power Consumption (Watts)	Tx: 8.5; Rx: 5.5

COMMUNICATIONS	
Signal Range (ft.)	164
Signal Range (m)	50
Latency	120ms

CONNECTIONS	
Ports	1
Side A - Connector 1	HDMI (FEMALE)

Side B - Connector 1	HDMI (FEMALE)
Connector Plating	Gold

FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	1080p @60Hz
HDMI Specification	1.3
HDCP Specification	1.2
Audio Specification	PCM
Driver Required	No
Max Supported Color Depth	24-bit True Color
EDID Compatible	Yes
IR Remote Extension Support	Yes
3D Video Supported	Yes

CERTIFICATIONS	
Certifications	Tested to CE, FCC, RoHS, REACH

WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty