# Wireless HDMI Extender Kit, Transmitter/Receiver, IR Control, DisplayPort Adapter, 1080p, Up to 165 ft.

MODEL NUMBER: **B126-1D1-WHD1**



Wirelessly extends an HDMI or DisplayPort 1080p audio/video signal to an HDMI display located up to 165 ft. from the source.

## Features

**All-in-One Wireless Extender Ideal for Displaying Video in Boardrooms and Conference Rooms**This complete wireless HDMI transmitter and receiver system is recommended for video presentations in conference rooms, meeting rooms, trade shows and other locations where connecting long video cables could be a burden. It extends 1080p video and stereo audio signals from an HDMI or DisplayPort source device (Blu-ray player, laptop, media server, etc.) to an HDMI display device (television, monitor, projector) up to 165 feet (50 meters) away. No bulky cabling infrastructure is needed.** If you're setting up multiple wireless extender kits, they should not be used within 165 ft. (50 m) of each other **

**Plug-and-Play Operation for Quick Setup and Immediate Use**The wireless HDMI audio/video transmitter and receiver works right out of the box with no software or drivers required. Mounting hardware is included for installing the receiver on a wall or other flat surface. Connect the receiver to the display with a user-supplied HDMI cable (such as Tripp Lite's P568-Series), and connect the included IR cables for remote control. The mini transmitter connects directly to the source's HDMI output. By adding the included HDMI-to-DisplayPort adapter, the B126-1D1-WHD1 will also extend 1080p signals from a DisplayPort source.

**Wireless Transmission Saves You Money on Cable and Installation Costs**The wireless 1080p HDMI transmitter and receiver eliminate 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 mini transmitter and receiver units communicate over a 5 GHz wireless frequency that allows fast data transmission and reduced interference from other wireless sources.

**IR Pass-Through Technology Lets You Control the Video from the Next Room**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 feet 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**This wireless HDMI transmitter and receiver system ensures high-definition performance with video resolutions up to 1920 x 1080

## Highlights

- Shares HDMI video from a laptop on a larger screen without costly cable installation
- Transmits HD picture quality at 1080p @ 60 Hz resolutions up to 165 ft.
- IR pass through allows you to use your source's remote while near the display
- Plug-and-play operation with no existing Wi-Fi network needed for easy installation
- Includes HDMI-to-DisplayPort adapter for also extending DisplayPort audio/video

## Applications

- Connect a laptop for a video presentation in a conference room or meeting room, where the source device changes frequently
- Extend HDMI or DisplayPort 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

## System Requirements

- Source device with HDMI or DisplayPort output (laptop, Blu-ray player, cable box)
- Display device with HDMI input (HDTV, projector, monitor)

## Package Includes

- Mini transmitter unit
- Receiver unit
- IR-In cable
- IR-Out cable
- USB-A to USB Micro-B cable, 3 ft.
- DisplayPort to HDMI adapter
- External power supply (Input: 100-240V, 50/60 Hz, 0.4A; Output: 5V 2A)
- (4) International plug adapters

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

(North America, Europe, United Kingdom, Australia)

- Mounting hardware
- Owner's manual

## Specifications

| OVERVIEW | |
| --- | --- |
| UPC Code | 037332218049 |
| Product Type | Extender Kit |
| Technology | DisplayPort; 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 | HDMI |
| Audio Output | HDMI |
| 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 | USB; AC Adapter |
| AC Plug Type | NEMA 1-15P; CEE 7/16 Schuko; BS1363; AS/NZS 3112 |
| Power Source | Transmitter (Optional) 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) | 5.00 |
| Power Consumption Detail | TX: 3W, RX: 5W |

| **USER INTERFACE, ALERTS & CONTROLS** | |
|---|---|
| LED Indicators | TX: Blue (Power), Red (Wireless Connection); RX: Green (Wireless Connection and Data Transmission) |

| **PHYSICAL** | |
|---|---|
| Color | Black |
| Material of Construction | Steel, Plastic |
| Included Mounting Accessories | Wallmount |
| Number of Displays | 1 |
| Optional Mounting Accessory Notes | RX only |
| Form Factor/Mounting Options | Box; Wall-mount |
| Rackmountable | No |
| Receiver Unit Dimensions (hwd / in.) | 3.82 x 3.07 x 0.74 |
| Receiver Unit Weight (lbs.) | 0.49 |
| Transmitter Unit Dimensions (hwd / in.) | 3.5 x 1.54 x 0.6 |
| Transmitter Unit Weight (lbs.) | 0.07 |
| Unit Packaging Type | Box |
| Housing | Plastic; Metal |

| **ENVIRONMENTAL** | |
|---|---|
| Operating Temperature Range | 32 to 104 F (0 to 40 C) |
| Storage Temperature Range | -4 to 158 F (-20 to 70 C) |
| Relative Humidity | 0% to 90% RH, Non-Condensing |

| COMMUNICATIONS | |
| --- | --- |
| Signal Range (ft.) | 164 |
| Signal Range (m) | 50 |
| Network Compatibility | 10 Gbps |
| EDID Compatible | Yes |
| IR Remote Extension Support | Yes |
| RS-232 Serial Extension Support | No |
| Consumer Electronics Control (CEC) Supported | Yes |
| Latency | 120ms |
| USB Extension Support | No |

| CONNECTIONS | |
| --- | --- |
| Number of Ports | 1 |
| Side A - Connector 1 | HDMI (MALE) |
| Side A - Connector 2 | 3.5MM (FEMALE) |
| Side A - Connector 3 | MICRO-USB B (FEMALE) |
| Side B - Connector 1 | HDMI (FEMALE) |
| Side B - Connector 2 | 3.5MM (FEMALE) |

| FEATURES & SPECIFICATIONS | |
| --- | --- |
| 10/100 Ethernet Extension Support | No |
| Transmission RF Frequency | 5G Wireless |
| Built-In Equalizer | No |
| HDCP Specification | 1.2 |
| Driver Required | No |

| REMOTE ACCESS | |
| --- | --- |
| Modem Port | 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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