

HDMI over Powerline Extender Kit, Transmitter/Receiver for Video/Audio, 1080p, IR Control, Up to 300 m

MODEL NUMBER: B126-1A1-PLHD



Extends an HDMI audio/video signal (1080p @ 60 Hz) up to 300 m (984 ft.) from the source using existing power outlets.

Features

HDMI via Powerline Extender Kit Sends 1080p A/V Signals Through Existing AC Outlets

Now you can transmit picture-perfect high-definition audio/video signals to an HDMI television, monitor or projector up to 300 meters (984 feet) away without buying new cables, setting up a wireless network or hiring a professional installer. Just use the electrical wiring already available in your home, office or presentation space. Plug the transmitter into one wall outlet and the receiver into another with the included four-foot power cords. Be sure both outlets are on the same power circuit. Plug both units directly into the outlets and not an extension cord, power strip or surge protector.

A Reliable Solution for Home Theaters, Digital Signage and Video Presentations

This HDMI via Powerline kit is ideal for audio/video setups in which the source and display devices are in different rooms and wi-fi reception is either weak or unavailable. Connect the included infrared (IR) cables and user-provided HDMI cables (such as P568-Series) to both the transmitter and receiver. You can connect a local HDMI display to the transmitter, as well as to the receiver. With no busy cabling infrastructure to clutter your application, you're free to place your source and display devices where needed.

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 300 meters away. As long as the transmitter's IR bulb is within sight of the transmitter and the receiver's IR bulb is in range of the source's remote, the transmitter and receiver can be mounted out of sight to give the rooms a clean, professional look.

Plug-and-Play Operation for Quick Setup and Immediate 1080p Transmissions

The B126-1A1-PLHD works right out of the box with no software or drivers required. Mounting hardware is included for installing the transmitter and receiver units on a wall or other flat surface. The kit supports high-definition video resolutions up to 1920 x 1080 (1080p) at 60 Hz with 24-bit Deep Color (8 bits per channel) and stereo audio. Front-panel LEDs indicate power, data transmission and connection status.

Specifications

Highlights

- HDMI via Powerline extender saves money on cabling and wireless installation
- Transmits HDMI audio/video signals through existing wall outlets—convenient!
- IR pass through allows you to use your source's remote while near the display
- Supports crystal-clear HD video resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- Easy plug-and-play operation—just plug in the transmitter and receiver and play video

Applications

- Watch the same movie or television show on more than one display in your home, small office or other space with spotty wi-fi reception
- Transmit digital signage to a display located on the other side of a wall or across the building
- Save money on cabling installation by using existing electrical infrastructure to transmit audio/video

System Requirements

- Source device with an HDMI port (Blu-ray player, computer, laptop)
- Display device with an HDMI port (HDTV, projector, monitor)
- 100–120V AC power input

Package Includes

- Transmitter unit
- Receiver unit
- IR-IN cable
- IR-OUT cable
- (2) C7 to NEMA 1-15P power cords, 4 ft.
- Mounting hardware
- Owner's manual

OVERVIEW	
UPC Code	037332206084
Product Type	Extender Kit
Technology	HDMI; PowerLine
VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Max Supported Video Resolution	1920 x 1080 (1080p @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	985
Max 1920 x 1080 (1080p) Range (ft)	985
Transmitter Video Input	HDMI
Transmitter - Number of Video Outputs	1
Transmitter - Local Display Output	HDMI
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)	985
Maximum Signal Range (m)	300
AUDIO	
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	Stereo Audio
INPUT	
Bus Powered	No
POWER	
AC Plug Type	NEMA 1-15P
Power Source	Transmitter and Receiver (Included)
Power Over Cable (PoC) Support	No
Power Consumption (Watts)	7.5
Power Consumption Detail	TX: 7.5W, RX: 7.5W

CONNECTIONS	
Number of Ports	5
Side A - Connector 1	3.5MM (FEMALE); (2) HDMI (FEMALE)
Side B - Connector 1	3.5MM (FEMALE); HDMI (FEMALE)
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	Requires B126-110
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Blue (Power), Green (Connection), Yellow (Data Transmission)
PHYSICAL	
Color	Black
Material of Construction	Metal
Number of Displays	1
Form Factor/Mounting Options	Box
Receiver Unit Dimensions (hwd / cm.)	2.8 x 15.8 x 8.9
Receiver Unit Dimensions (hwd / in.)	1.1 x 6.2 x 3.5
Receiver Unit Weight (kg)	1
Receiver Unit Weight (lbs.)	1
Transmitter Unit Dimensions (hwd / cm.)	2.8 x 15.8 x 8.9
Transmitter Unit Dimensions (hwd / in.)	1.1 x 6.2 x 3.5
Transmitter Unit Weight (kg)	1
Transmitter Unit Weight (lbs.)	1
Unit Packaging Type	Box
Housing	Metal
ENVIRONMENTAL	
Operating Temperature Range	32° to 140°F (0° to 60°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Relative Humidity	0% to 95% RH, Non-Condensing
BTUs	Tx: 25.6 BTU/Hr; Rx: 23.9 BTU/Hr
COMMUNICATIONS	
Signal Range (ft.)	984
Signal Range (m)	300



Powering Business Worldwide



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
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
HDCP Specification	1.2
Driver Required	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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