

HDMI over Dual Cat5/6 Extender Kit, In-Line Transmitter/Receiver for Video/Audio, IR, Up to 150 ft. (45 m), TAA

MODEL NUMBER: **B125-101-60-IR**



Transmitter and receiver work in tandem to extend HDMI audio/video and IR control signals via Cat5/6 cable to a display up to 150 ft. Ideal for digital signs, schools, retail settings and trade show presentations.

Description

The B125-101-60-IR HDMI over Dual Cat5/Cat6 Extender Kit includes a transmitter unit and a receiver unit that work in tandem to extend HDMI audio/video and IR control signals to an HDMI projector, monitor or television. The kit is ideal for digital signs, trade shows, presentations, classrooms, churches, retail settings and other applications where the video source is located farther than conventional cables allow. Use HDMI cables (such as P568-Series) to connect the transmitter to the audio/video source and the receiver to the display. Dual Cat5e/6 cables connect the two units (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as N202-Series). The included external power supply can be connected to either the transmitter or receiver.

The B125-101-60-IR can extend a high-definition 1920 x 1080 (1080p) signal with IR Control up to 150 feet (45.7 meters) when using 24 AWG solid-wire Cat5e/6 cable. The IR remote control feature lets you control the source, such as a media server, using its remote when standing near the remote monitor.

The plug-and-play B125-101-60-IR supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio, as well as EDID passthrough and HDCP. Easy to set up with no software or drivers to install. Works with all operating systems and HDMI sources.

Features

Extends HDMI Video/Audio and IR Control Signals to an HDMI Display

- Extends an HD 1920 x 1080 (1080p) signal up to 150-ft. (45.7 m) via 24 AWG solid-wire Cat5e/6 cable
- Ideal for digital signs, trade shows, presentations, classrooms, churches and retail settings
- Transmitter and receiver connect with dual Cat5e/6 cables (for best results, use N202-Series)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio
- Supports EDID passthrough and HDCP

Easy to Set Up and Use

- IR remote control functionality lets you control Blu-ray player with its remote while standing at remote monitor
- Units connect quickly to source and display with HDMI cables (such as P568-Series)
- LEDs indicate when units are receiving power and a signal from the source

Highlights

- Supports high-definition video resolutions up to 1080p (@ 60 Hz)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Supports EDID passthrough, HDCP and 3D video
- Built-in equalization control for fine-tuning video image
- Plug and play—no software or drivers needed

System Requirements

- Computer, Blu-ray player or other source with HDMI port
- Display with HDMI port

Package Includes

- Transmitter unit
- Receiver unit
- External power supply (Input: 100-240V, 50/60 Hz, 0.5A; Output: 9V, 1A)
- IR-TX cable, 5-ft. (1.52 m)
- IR-RX cable, 5-ft. (1.52 m)
- Screwdriver for equalization control
- Owner's manual

- Plug-and-play engineering—no software or drivers needed
- Works with all operating systems and HDMI sources

TAA Compliant

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332190475
Product Type	Extender Kit
Technology	HDMI; IR; Cat5/5e; Cat6
VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Max Supported Video Resolution	1920 x 1080 (1080p @ 60Hz)
Max 720P Range (ft)	150
Max 1080P Range (ft)	150
Max 1280 x 720 (720p) Range (ft)	150
Max 1920 x 1080 (1080p) Range (ft)	150
Transmitter Video Input	HDMI
Transmitter - Number of Video Outputs	1
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Recommended Cabling	N202-Series Cat6 Patch Cable
Max Supported Color Depth	24-bit True Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	150
Maximum Signal Range (m)	46
Maximum Signal Range Details	Extend a 1080p @ 60Hz HDMI audio/video and IR control signals via Cat5/6 cable to a display up to 150 ft.
AUDIO	
Audio Input	HDMI
Audio Output	HDMI



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Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD
INPUT	
AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.5A
AC Power Adapter Output Specs (V / A)	9V / 1A
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.38
Bus Powered	No
POWER	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P
Power Source	Transmitter or Receiver (Included)
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 9V, 1A, 4.5 ft.
DC Barrel Plug	OD: 3.5 x 1.35 x 9.5mm, Positive Pin, Negative Sleeve
CONNECTIONS	
Number of Ports	1
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	(2) RJ45 (FEMALE)
Side A - Connector 3	3.5MM (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	(2) RJ45 (FEMALE)
Side B - Connector 3	3.5MM (FEMALE)
Daisy-chainable / Cascadable	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	TX & RX: Green (Connected), Orange (Activity)
PHYSICAL	
Color	Black
Number of Displays	1
Form Factor/Mounting Options	Box
Receiver Unit Dimensions (hwd / in.)	2.4 x 0.94 x 2.04
Receiver Unit Weight (lbs.)	0.05



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Shipping Dimensions (hwd / in.)	1.73 x 7.87 x 5.59
Shipping Dimensions (hwd / cm)	4.39 x 19.99 x 14.20
Shipping Weight (lbs.)	0.71
Shipping Weight (kg)	0.32
Transmitter Unit Dimensions (hwd / in.)	2.4 x 0.94 x 2.04
Transmitter Unit Weight (lbs.)	0.05
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Packaging Type	Box
Housing	Plastic
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 122°F (-15° to 50°C)
Relative Humidity	0% to 85% RH, Non-Condensing
COMMUNICATIONS	
Max 1024 x 768 Range (ft)	150
Max 480P Range (ft)	150
Max 1440 x 900 Range (ft)	150
Max 1080i Range (ft)	150
Max 480i Range (ft)	150
Max 640 x 480 Range (ft)	150
Max 800 x 600 Range (ft)	150
Max 1600 x 1200 Range (ft)	150
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes
HDCP Specification	1.4
Driver Required	No
STANDARDS & COMPLIANCE	



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External Power Supply Certifications	FCC; TUV; PSE; UL; cUL
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

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