# 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 |

| | |
|---|---|
| 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 |

| | |
|---|---|
| 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**

| | |
|---|---|
| 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 |

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