

DVI over Cat5/6 Active Extender Kit, Transmitter/Receiver for Video, DVI-D Single Link, Up to 125 ft. (38 m)

MODEL NUMBER: **B140-101X-U**



Transmitter and receiver work in tandem to extend a DVI-D signal via Cat5e/6 cable to a projector, monitor or television up to 125 ft. away. Ideal for digital signs, schools and trade show presentations.

Description

The B140-101X-U DVI over Cat5/6 Active Extender Kit includes a transmitter unit and a receiver unit that work in tandem to extend a DVI-D signal to a 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.

Each unit features a built-in DVI cable for connecting to your computer's DVI output port and the display's DVI input port. Cat5e/6 cable connects the two units (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as the N202-Series). An included USB Micro-B cable connects the receiver and a USB port on the display or a USB wall charger to supply power to the unit.

The HDCP-compatible B140-101X-U can extend a 1920 x 1200 (60 Hz) signal, including 1080p, up to 125 feet (38.1 meters). LEDs on the RJ45 ports indicate when the units are receiving power and a DVI signal from the source. Built-in equalization control lets you fine-tune the image on the remote display. Easy to set up with no software or drivers to install. Compatible with all operating systems. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

Extends High-Definition DVI-D Single-Link Signals Up to 125-ft. (38.1 m)

- Ideal for digital signs, trade shows, presentations, classrooms, churches and retail settings
- Extends a 1920 x 1200 (60 Hz) signal, including 1080p, up to 125-ft. (38.1 m)
- Transmitter and receiver connect with one Cat5e/6 cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as N202-Series)
- Supports HDCP
- Built-in equalization control lets you adjust the image on the remote display

Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install
- Included USB Micro-B cable provides power to receiver
- Works with all operating systems

Highlights

- Supports computer video resolutions up to 1920 x 1200 (60 Hz)
- Supports high-definition video resolutions up to 1080p
- USB Micro-B port supplies power to the receiver
- Works with all operating systems
- Plug and play—no software or drivers to install

System Requirements

- Computer with DVI output port and available USB port
- Display with DVI input port and available USB port

Package Includes

- Transmitter unit
- Receiver unit
- Screwdriver for adjusting equalization
- USB Micro-B cable, 3-ft. (0.91 m)
- Owner's manual

- LEDs indicate when the units are receiving power and sharing a signal
- Units connect quickly to source and display with built-in DVI connectors

TAA Compliant

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

Specifications

| OVERVIEW | |
|--|---|
| UPC Code | 037332190239 |
| Product Type | Extender Kit |
| Technology | DVI; Cat5/5e; Cat6 |
| VIDEO | |
| Max Supported Video Resolution | 1920 x 1080 (1080p @ 60Hz) |
| Max 720P Range (ft) | 175 |
| Max 1080P Range (ft) | 125 |
| Max 1280 x 720 (720p) Range (ft) | 125 |
| Max 1920 x 1080 (1080p) Range (ft) | 125 |
| Transmitter Video Input | DVI-D (Single Link) |
| Transmitter - Number of Video Outputs | 1 |
| Receiver/Transceiver Video Output | DVI-D (Single Link) |
| Receiver - Number of Video Outputs | 1 |
| Range Extension using other Tripp Lite product | 175 ft. @ 1024 x 768 XGA 125 ft. @ 1920 x 1080 UXGA |
| Recommended Cabling | N202-Series Cat6 Patch Cable |
| Other Tripp Lite product used to extend range | B140-110 |
| HDR Support | No |
| 3D Video Supported | Yes |
| Maximum Signal Range (ft) | 125 |
| Maximum Signal Range (m) | 38 |
| INPUT | |
| Bus Powered | No |
| POWER | |
| Power Source Type | USB |

| | |
|--|---|
| Power Source | Receiver end only (Included) |
| Power Over Cable (PoC) Support | No |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | TX & RX: Power (Green); Activity (Orange) |
| PHYSICAL | |
| Color | Black |
| Number of Displays | 1 |
| Form Factor/Mounting Options | Pigtail |
| Receiver Unit Dimensions (hwd / in.) | 2.4 x 0.94 x 2.04 |
| Receiver Unit Weight (lbs.) | 0.14 |
| Shipping Dimensions (hwd / in.) | 7.87 x 5.59 x 1.73 |
| Shipping Dimensions (hwd / cm) | 19.99 x 14.20 x 4.39 |
| Shipping Weight (lbs.) | 0.44 |
| Shipping Weight (kg) | 0.20 |
| Transmitter Unit Dimensions (hwd / in.) | 1.36 x 0.94 x 14.16 |
| Transmitter Unit Weight (lbs.) | 0.07 |
| 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%, Non-Condensing |
| COMMUNICATIONS | |
| Max 1024 x 768 Range (ft) | 175 |
| Max 480P Range (ft) | 175 |
| Max 1440 x 900 Range (ft) | 175 |
| Max 1080i Range (ft) | 125 |
| Max 480i Range (ft) | 175 |
| Max 640 x 480 Range (ft) | 175 |
| Max 800 x 600 Range (ft) | 175 |
| Max 1600 x 1200 Range (ft) | 175 |

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|--|---|
| EDID Compatible | Yes |
| IR Remote Extension Support | No |
| RS-232 Serial Extension Support | No |
| Consumer Electronics Control (CEC) Supported | Yes |
| USB Extension Support | No |
| CONNECTIONS | |
| Number of Ports | 1 |
| Side A - Connector 1 | DVI-D SINGLE LINK (MALE) |
| Side A - Connector 2 | RJ45 (FEMALE) |
| Side B - Connector 1 | DVI-D SINGLE LINK (MALE) |
| Side B - Connector 2 | RJ45 (FEMALE) |
| Side B - Connector 3 | MICRO-USB B (FEMALE) |
| Daisy-chainable / Cascadable | Yes |
| Daisy-chainable / Cascadable Details | Requires B140-110 |
| FEATURES & SPECIFICATIONS | |
| 10/100 Ethernet Extension Support | No |
| Built-In Equalizer | Yes |
| Driver Required | No |
| STANDARDS & COMPLIANCE | |
| Product Compliance | RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |