

## DVI over Cat5/6 Active Extender Kit, Box-Style Transmitter/Receiver for Video, Up to 200 ft., TAA

MODEL NUMBER: **B140-101X**



Transmit a DVI-D Single-Link signal up to 200 ft. away using a single Cat5e/6 patch cable

### Description

The B140-101X is a DVI Over Cat5 Active Extender Kit that comes with both transmitter and receiver units. It transmits a DVI-D Single-Link signal up to 200 ft. away using a single Cat5e/6 patch cable. To achieve maximum distance and resolution, use 24AWG Solid Wire Cat5e/6 cable (Tripp Lite's N202-Series). The B140-101X is compatible with all operating systems, and is plug and play, with no software or drivers required. It features a built-in Equalization control for adjustment of the video image. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Installation is simple. Connect a the built-in DVI connector on the transmitter unit to a DVI source. Connect the receiver unit to a display using a Tripp Lite P561-Series DVI cable (not included). Finally, the RJ45 ports on the transmitter and receiver units are connected using a single Cat5e/6 cable. A 1920 x 1080 @ 60Hz signal can be extended up to 150 ft. from the source,, or a 1024 x 768 @ 60Hz signal up to 200 ft.

Further expand the range and number of monitors by using a B140-110 repeater unit. Add up to four remote units (three repeaters and one active receiver) in a single chain, for a total of 4 displays. (An active receiver should be the last unit in a chain) A 1920 x 1080 @ 60Hz signal can be extended up to 125 ft. from each repeater to the next unit in the chain, or a 1024 x 768 @ 60Hz signal can be extended up to 175 ft.

### Features

- Extender kit comes with transmitter and receiver units
- Transmit a DVI-D Single-Link signal up to 200 ft. away using a single Cat5e/6 patch cable
- Supports DVI-D Single-Link video resolutions up to 1920 x 1080 @ 60Hz
- Extends a 1920 x 1080 @ 60Hz signal up to 150 ft., or a 1024 x 768 @ 60Hz signal up to 200 ft.
- Use 24AWG, Solid Wire Cat5e/6 cable, such as Tripp Lite's N202-Series, to achieve maximum distance

### Highlights

- Extender kit comes with transmitter and receiver units
- Supports DVI-D Single-Link video resolutions up to 1920 x 1080 @ 60Hz
- Extends a 1920 x 1080 @ 60Hz signal up to 150 ft., or a 1024 x 768 @ 60Hz signal up to 200 ft.
- Use 24AWG, Solid Wire Cat5e/6 cable, such as Tripp Lite's N202-Series, to achieve maximum distance and resolution
- Can further expand the range and number of monitors by adding B140-110 repeaters
- Compatible with all operating systems
- Plug and play, no software or drivers required
- Features a built-in Equalization control for adjustment of the video image
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### System Requirements

#### Package Includes

- B140-101X local transmitter unit
- B140-101X remote receiver unit
- Screwdriver (used for Equalization control)
- Mounting hardware for receiver unit
- External Power Supply with



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and resolution

- Features a built-in Equalization control for adjustment of the video image
- Further expand the range and number of monitors by using a B140-110 repeater unit
- Add up to four remote units (three repeaters and one active receiver) in a single chain, for a total of 4 displays. (An active receiver should be the last unit in a channel)
- A 1920 x 1080 @ 60Hz signal can be extended up to 125 ft. from each repeater to the next unit in the chain, or a 1024 x 768 @ 60Hz signal can be extended up to 175 ft.
- HDCP compatible
- Compatible with all operating systems
- Plug and play; no software or drivers required
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.)

- Owner's manual

## Specifications

| OVERVIEW                          |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UPC Code                          | 037332154095                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| AC Adapter                        | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.                                                                                                                                                                                                                                                                                                                                                                                        |
| USER INTERFACE, ALERTS & CONTROLS |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LED Indicators                    | The Green RJ45 LED on the local unit illuminates to indicate it is connected to and receiving power from the source. The Orange RJ45 LED on the local unit does not illuminate. The Green RJ45 LED on the remote unit illuminates to indicate it is receiving power from the external power supply. The Orange RJ45 LED on the remote unit illuminates to indicate it is connected to the local unit and receiving a signal from the source. |
| PHYSICAL                          |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Color                             | Black                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Shipping Dimensions (hwd / cm)    | 5.08 x 15.75 x 21.08                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Shipping Dimensions (hwd / in.)   | 2.00 x 6.20 x 8.30                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Shipping Weight (kg)              | 0.50                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Shipping Weight (lbs.)            | 1.10                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| COMMUNICATIONS                    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Max 1024 x 768 Range (ft)         | 200                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Max 480P Range (ft)               | 200                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Max 1440 x 900 Range (ft)         | 150                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Max 1080i Range (ft)              | 150                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Max 1080P Range (ft)              | 150                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Max 480i Range (ft)               | 200                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Max 640 x 480 Range (ft)          | 200                                                                                                                                                                                                                                                                                                                                                                                                                                          |



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|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| Max 800 x 600 Range (ft)             | 200                                                   |
| Max 1600 x 1200 Range (ft)           | 150                                                   |
| Max 720P Range (ft)                  | 150                                                   |
| <b>CONNECTIONS</b>                   |                                                       |
| Ports                                | 1                                                     |
| Side A - Connector 1                 | DVI-D SINGLE LINK (MALE)                              |
| Side A - Connector 2                 | RJ45 (FEMALE)                                         |
| Side B - Connector 1                 | DVI-I DUAL-LINK (FEMALE) (WIRED TO DVI-D SINGLE-LINK) |
| Side B - Connector 2                 | RJ45 (FEMALE)                                         |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                       |
| Technology                           | DVI                                                   |
| <b>WARRANTY</b>                      |                                                       |
| Product Warranty Period (Worldwide)  | 1-year limited warranty                               |

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