

## 2-Port DVI over Cat5/6 Splitter/Extender, Box-Style Transmitter for Video, DVI-D Single Link, 200 ft. (60 m), TAA

MODEL NUMBER: **B140-002**



Transmitter/splitter extends a DVI video signal via Cat6 cable to 2 projectors, monitors or HDTVs up to 200 ft. away.

### Features

**Splitter Ideal for Digital Signage or Displaying DVI Video in Schools or Trade Show Booths** This two-port transmitter/splitter allows you to split a DVI-D single-link signal and extend it to two monitors beyond the normal 16-ft. (4.9 m) DVI limitation using inexpensive Cat5/6 cabling. The B140-002 is recommended for video presentations in conference rooms, schools, trade shows, meeting facilities, houses of worship, retail settings and other digital signage applications where the source and display are farther apart than conventional A/V cables allow.

**Extend a DVI Video Signal up to 200-ft. (61 m) from the Source Device** The B140-002 extends video from a DVI source device to two DVI displays up to 200-ft. (61 m) away via user-supplied Cat5/Cat6 cabling (such as N202-Series 24 AWG cables, sold separately). Specifically, it can extend a 1024 x 768 (@ 60 Hz) resolution up to 200-ft. (61 m) and a 1920 x 1080 (@ 60 Hz) resolution up to 150-ft. (45.7 m) when used with an active remote unit (B140-1A0 or B140-1A0-WP, sold separately). When used with a passive remote unit (B140-1P0, sold separately), it can extend a 1024 x 768 (@ 60 Hz) resolution up to 100-ft. (30.5 m) and a 1920 x 1080 (@ 60 Hz) resolution up to 50-ft. (15.2 m).

**Include a Repeater to Expand the Range and Add More Displays** Connect a B140-110 repeater unit (sold separately) to add up to four remote units (three repeaters and one active receiver) to each channel for a total of four displays per channel. An active receiver should be the last unit in a channel. A 1920 x 1080 (@ 60 Hz) signal can be extended up to 125-ft. (38.1 m) from each repeater to the next unit in the channel, while a 1024 x 768 (@ 60 Hz) can be extended up to 175-ft. (53.3 m).

**Plug-and-Play Operation for Quick Setup and Immediate Use** The included transmitter works right out of the box with no software required. Mounting hardware is included for installing the unit on a wall, pole or 19-inch rack. Its durable metal housing is designed to last a long time and fit seamlessly into any home or office application. The B140-002 is compatible with HDCP standards, all DVI video sources and all operating systems.

**TAA-Compliant for GSA Schedule Purchases** The B140-002 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

### Highlights

- Transmits up to 200 ft. for digital signage in bars, offices, classrooms, trade shows, etc.
- Supports HD resolutions up to 1920 x 1080 (@ 60 Hz) for crystal-clear 1080p video
- Works in tandem with B140-1A0 or B140-1P0 remote receiver
- Plug-and-play operation with no software required for easy, immediate installation
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### Applications

- Displaying a digital menu from a PC on monitors in a restaurant or bar
- Connecting 2 HDTVs to the same cable box, media server or DVD player for sports or movies
- Giving a presentation on large projectors or monitors in a lecture hall
- Creating digital signage for an office lobby, healthcare waiting room, church, school, trade show, conference room, retail display or airport

### System Requirements

- Works in tandem with B140-1A0 or B140-1P0 extender remote receiver or B140-1A0-WP-1 extender wall plate

### Package Includes

- B140-002 DVI over Cat5/Cat6 Splitter/Extender
- External power supply with 5-ft. (1.52 m) cord and NEMA 1-15P plug (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V 2A)
- Mounting hardware
- Owner's manual



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## Specifications

| OVERVIEW                                       |                                                       |
|------------------------------------------------|-------------------------------------------------------|
| UPC Code                                       | 037332156709                                          |
| Product Type                                   | Splitter; Extender Kit                                |
| Technology                                     | DVI; Cat5/5e; Cat6                                    |
| Host Connector                                 | DVI-I DUAL-LINK (FEMALE) (WIRED TO DVI-D SINGLE-LINK) |
| VIDEO                                          |                                                       |
| 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                        | DVI-I                                                 |
| Transmitter - Number of Video Outputs          | 2                                                     |
| 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)                      | 200                                                   |
| Maximum Signal Range (m)                       | 61                                                    |
| Maximum Signal Range Details                   | 200 ft @ 1024 x 768 XGA150 ft @ 1920 x 1080 UXGA      |
| 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)          | 5V / 2A                                               |
| AC Power Adapter Cord Length (ft.)             | 4.5                                                   |
| AC Power Adapter Cord Length (m)               | 1.4                                                   |
| Bus Powered                                    | No                                                    |
| POWER                                          |                                                       |
| Power Source Type                              | AC Adapter                                            |



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|                                              |                                                                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AC Plug Type                                 | NEMA 1-15P                                                                                                                                                       |
| Power Source                                 | Unit (Included)                                                                                                                                                  |
| Power Over Cable (PoC) Support               | No                                                                                                                                                               |
| AC Adapter                                   | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.                                                                                                            |
| DC Barrel Plug                               | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve                                                                                                             |
| <b>CONNECTIONS</b>                           |                                                                                                                                                                  |
| Number of Ports                              | 2                                                                                                                                                                |
| Side A - Connector 1                         | DVI-I DUAL-LINK (FEMALE) (WIRED TO DVI-D SINGLE-LINK)                                                                                                            |
| Side B - Connector 1                         | (2) RJ45 (FEMALE)                                                                                                                                                |
| Input x Output                               | 1 x 2                                                                                                                                                            |
| Daisy-chainable / Cascadable                 | No                                                                                                                                                               |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |                                                                                                                                                                  |
| LED Indicators                               | RJ45: Green (Connection), Orange (Data Transmission)                                                                                                             |
| <b>PHYSICAL</b>                              |                                                                                                                                                                  |
| Color                                        | Black                                                                                                                                                            |
| Cable Length (ft.)                           | 0                                                                                                                                                                |
| Cable Length (m)                             | 0.00                                                                                                                                                             |
| Included Mounting Accessories                | Wallmount                                                                                                                                                        |
| Number of Displays                           | 2                                                                                                                                                                |
| Optional Mounting Accessory Notes            | Can DIN Mount using Tripp Lite Bracket <a href="https://tripplite.eaton.com/din-rail-mounting-bracket-for-digital-signage-version-2-B110-DIN-02">B110-DIN-02</a> |
| Form Factor/Mounting Options                 | Box; Wall-mount                                                                                                                                                  |
| Shipping Dimensions (hwd / in.)              | 2.20 x 6.90 x 6.40                                                                                                                                               |
| Shipping Dimensions (hwd / cm)               | 5.59 x 17.53 x 16.26                                                                                                                                             |
| Shipping Weight (lbs.)                       | 1.00                                                                                                                                                             |
| Shipping Weight (kg)                         | 0.45                                                                                                                                                             |
| Unit Dimensions (hwd / in.)                  | 0.000 x 0.000 x 0.000                                                                                                                                            |
| Unit Dimensions (hwd / cm)                   | 2.54 x 6.35 x 9.14                                                                                                                                               |
| Unit Packaging Type                          | Box                                                                                                                                                              |
| Unit Weight (lbs.)                           | 0.43                                                                                                                                                             |
| Unit Weight (kg)                             | 0.20                                                                                                                                                             |
| Housing                                      | Metal                                                                                                                                                            |
| <b>ENVIRONMENTAL</b>                         |                                                                                                                                                                  |
| Operating Temperature Range                  | 32° to 104°F (0° to 40°C)                                                                                                                                        |



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|                                              |                                                    |
|----------------------------------------------|----------------------------------------------------|
| Storage Temperature Range                    | 5° to 122°F (-15° to 50°C)                         |
| Relative Humidity                            | 0% to 85%, Non-Condensing                          |
| <b>COMMUNICATIONS</b>                        |                                                    |
| 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 480i Range (ft)                          | 200                                                |
| Max 640 x 480 Range (ft)                     | 200                                                |
| Max 800 x 600 Range (ft)                     | 200                                                |
| Max 1600 x 1200 Range (ft)                   | 150                                                |
| EDID Compatible                              | Yes                                                |
| IR Remote Extension Support                  | No                                                 |
| RS-232 Serial Extension Support              | No                                                 |
| Consumer Electronics Control (CEC) Supported | Yes                                                |
| USB Extension Support                        | No                                                 |
| <b>FEATURES &amp; SPECIFICATIONS</b>         |                                                    |
| 10/100 Ethernet Extension Support            | No                                                 |
| MST Support                                  | No                                                 |
| Built-In Equalizer                           | No                                                 |
| Driver Required                              | No                                                 |
| <b>STANDARDS &amp; COMPLIANCE</b>            |                                                    |
| External Power Supply Certifications         | FCC; PSE; TUV; UL; cUL                             |
| Product Compliance                           | RoHS; REACH; FCC (USA); Trade Agreements Act (TAA) |
| <b>WARRANTY &amp; SUPPORT</b>                |                                                    |
| Product Warranty Period (Worldwide)          | 1-year limited warranty                            |

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