# 2x2 DVI over Cat5/Cat6 Matrix Splitter Switch, Video Transmitter, Up to 200 ft. (60 m), TAA

MODEL NUMBER: **B140-202**

## Highlights

- Share two DVI sources between two monitors
- Supports DVI Single Link computer resolutions up to 1920 x 1200 @ 60Hz
- Transmits over inexpensive Cat5e/6 cable up to 200 ft.
- Plug-and-Play
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

## System Requirements

- DVI video cards and DVI monitors

## Package Includes

- B140-202 Local Transmitter Unit
- External Power Supply with NEMA 1-15P Plug ( Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A)
- Mounting Hardware
- Remote Control
- Owners Manual

Allows up to 2 DVI video sources to be independently switched to 2 UTP outputs

## Features

- Share two DVI video sources between two monitors
- Supports DVI Single Link computer resolutions up to 1920 x 1200 @ 60Hz
- Allows either input to be routed to either output, or the one input signal to both outputs
- Transmits over a single Cat5e/6 cable to a remote monitor up to 200-ft. away
- HDCP and EDID compliant
- Plug-and-Play
- A B140-Series remote receiver is needed at each monitor
- Active (powered) and Passive (non-powered) Receivers available
- Use 24AWG Solid Wire Cat5e/6 patch for maximum video performance
- Further expand the range and number of monitors with B140-110 Daisy-Chain Repeaters
- Compliant with the Federal Trade Agreements Act ( TAA ) for GSA schedule purchases

## Specifications

| OVERVIEW | |
|---|---|
| UPC Code | 037332175861 |
| Product Type | Extender Kit |
| Technology | DVI; Cat5/5e; Cat6 |

| VIDEO | |
|---|---|
| Max Supported Video Resolution | 1920x1080 (1080p @ 60Hz) |

| | |
|---|---|
| Max 720P Range (ft) | 200 |
| 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 | 175ft @ 1024 x 768 XGA 125ft @ 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 | |
|---|---|
| Bus Powered | No |

| POWER | |
|---|---|
| Power Source Type | AC Adapter |
| 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 |
| External Power Supply Input Specs (V / Hz / A) | 100-240V / 50-60Hz / 0.5A |
| External Power Supply Output Specs (V / A) | 5V/2A |
| External Power Supply Cord Length (ft.) | 4.5 |
| External Power Supply Cord Length (m.) | 1.4 |
| DC Barrel Plug | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve |

| USER INTERFACE, ALERTS & CONTROLS | |
|---|---|
| LED Indicators | Power (Green); Output 1, 2 (Orange); RJ45 ports: Green (Connection), Orange (Data Transmission) |

| PHYSICAL | |
|---|---|
| Color | Black |
| Included Mounting Accessories | Wallmount |
| Number of Displays | 2 |
| Form Factor/Mounting Options | Box; Wall-mount |
| Shipping Dimensions (hwd / cm) | 16.00 x 6.35 x 21.08 |
| Shipping Dimensions (hwd / in.) | 6.30 x 2.50 x 8.30 |
| Shipping Weight (kg) | 0.73 |
| Shipping Weight (lbs.) | 1.60 |
| Unit Dimensions (hwd / in.) | 1.2 x 5.0 x 3.9 |
| Unit Dimensions (hwd / cm) | 3.05 x 12.7 x 9.91 |
| Unit Packaging Type | Box |
| Unit Weight (lbs.) | 0.8 |
| Unit Weight (kg) | 0.36 |
| Housing | Metal |

| 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) | 200 |
| Max 480P Range (ft) | 200 |
| Max 1440 x 900 Range (ft) | 200 |
| 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) | 200 |
| 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 | 2 |
| Side A - Connector 1 | (2) DVI-I DUAL-LINK (FEMALE) (WIRED TO DVI-D SINGLE-LINK) |
| Side B - Connector 1 | (2) RJ45 (FEMALE) |

| FEATURES & SPECIFICATIONS | |
| --- | --- |
| Driver Required | No |
| 10/100 Ethernet Extension Support | No |
| Built-In Equalizer | No |

| STANDARDS & COMPLIANCE | |
| --- | --- |
| External Power Supply Certifications | FCC; PSE; TUV; UL; cUL |
| Product Compliance | RoHS; REACH; FCC (USA) |

| WARRANTY | |
| --- | --- |
| Product Warranty Period (Worldwide) | 1-year limited warranty |