

DisplayPort over IP Extender Transmitter over Cat5/Cat6, RS-232 Serial and IR Control, 1920 x 1080, 328 ft. (100 m), TAA

MODEL NUMBER: B160-001-DPSI



Converts DisplayPort™ audio/video to an IP-based signal that is transmitted point-to-point to a receiver 328 ft. away via Cat5e/6 cable or through a dedicated Ethernet network switch.

Features

Distributes DisplayPort A/V, Serial and IR Control Signals over Cat5/6 Cabling

- Converts audio/video to an IP-based signal that is transmitted point-to-point to a display 328 ft. away
- Add low-cost network switches between transmitter and receiver to continue extending distance up to 328 ft. per switch
- HDMI output for connecting a local display

Create a Multi-In, Multi-Out Installation Using B160-Series Transmitters and Receivers

- Connect up to 64 transmitters and 255 receivers through multiple dedicated managed network switches
- IGMP-enabled switches allow centralized control over which sources show on which displays
- Video source can be sent to any analog or digital display, so you can mix and match technologies and use existing monitors

Enhanced Technical Features

- Supports video resolutions up to 1920 x 1080, including 1080p (limited to receiver's max resolution)
- Uses H.264 video compression standard
- Transmits on 20–60 kHz IR frequency
- Extends IR control signals that control a source from a remote display
- Supports RS-232 serial baud rates up to 57600 Bps
- HDCP and 3D compatible when used with a DisplayPort or HDMI receiver (not compatible with VGA receiver)

Plug-and-Play Functionality

- No software or drivers required

Highlights

- Compatible with B160-Series A/V over IP receivers
- Video source can be sent to any analog or digital display
- Supports video resolutions up to 1920 x 1080, including 1080p - Limited to maximum resolution of receiver
- HDMI output on transmitter for connecting local display
- Plug and play—no software or drivers required

Package Includes

- Transmitter unit
- External power supply (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V 2A)
- Plug adapters for U.S., U.K., Europe and Australia
- IR-Out cable
- 3.5 mm to DB9 adapter cable (M/F)
- Mounting hardware
- Owner's manual

- Hardware included for mounting on wall, rack or pole
- Compatible with all B160-Series A/V over IP receivers

TAA-Compliant

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

Specifications

| OVERVIEW | |
|--|--|
| UPC Code | 037332196668 |
| Product Type | Transmitter |
| Technology | DisplayPort; IR; A/V over IP; Cat5/5e; Cat6 |
| VIDEO | |
| Max Supported Video Resolution | 1920 x 1080 (1080p @ 60Hz) |
| Max 1280 x 720 (720p) Range (ft) | 328 |
| Max 1920 x 1080 (1080p) Range (ft) | 328 |
| Transmitter Video Input | DisplayPort |
| Transmitter - Number of Video Outputs | 1 |
| Transmitter - Local Display Output | HDMI |
| Range Extension using other Tripp Lite product | 328 ft. |
| Recommended Cabling | N202-Series Cat6 Patch Cable |
| Other Tripp Lite product used to extend range | network switch |
| Max Supported Color Depth | 24-bit True Color |
| HDR Support | No |
| 3D Video Supported | Yes |
| Maximum Signal Range (ft) | 328 |
| Maximum Signal Range (m) | 100 |
| AUDIO | |
| Audio Input | Displayport |
| Audio Specification | Stereo Audio |
| INPUT | |
| AC Power Adapter Plug(s) | AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America |

| | |
|--|---|
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 1.0A |
| 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 |
| AC Plug Type | NEMA 1-15P; BS1363; CEE 7/16 Schuko; AS/NZS 3112 |
| Power Source | Unit (Included) |
| Power Over Cable (PoC) Support | No |
| DC Barrel Plug | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve |
| Power Consumption (Watts) | 6.3 |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | RJ45 Output (Green / Power, Orange / Signal), Channel Signal (Red), Power (Green) |
| PHYSICAL | |
| Color | Black |
| Material of Construction | Steel |
| Included Mounting Accessories | Wallmount |
| Number of Displays | 1 |
| Optional Mounting Accessory Notes | Can DIN Mount using Tripp Lite Bracket B110-DIN-02 |
| Form Factor/Mounting Options | Box; Wall-mount |
| Rackmountable | Yes |
| Shipping Dimensions (hwd / in.) | 2.00 x 6.30 x 10.20 |
| Shipping Weight (lbs.) | 1.70 |
| Unit Dimensions (hwd / in.) | 0.000 x 0.000 x 0.000 |
| Unit Packaging Type | Box |
| Unit Weight (lbs.) | 0.2 |
| Unit Weight (kg) | 0.09 |
| 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 |
| BTUs | 21.5 BTU/Hr |
| COMMUNICATIONS | |
| Signal Range (ft.) | 328 |
| Signal Range (m) | 100 |
| EDID Compatible | Yes |
| IR Remote Extension Support | Yes |
| RS-232 Serial Extension Support | Yes |
| Consumer Electronics Control (CEC) Supported | Yes |
| Latency | 2-3 seconds |
| USB Extension Support | No |
| CONNECTIONS | |
| Number of Ports | 5 |
| Side A - Connector 1 | DISPLAYPORT (FEMALE) |
| Side B - Connector 1 | HDMI (FEMALE); RJ45 (FEMALE) |
| Daisy-chainable / Cascadable | No |
| FEATURES & SPECIFICATIONS | |
| 10/100 Ethernet Extension Support | No |
| Built-In Equalizer | No |
| Displayport Specification | 1.2 |
| HDCP Specification | 1.4 |
| Driver Required | No |
| Recommended Category Cable | N202-Series Cat6 Patch Cable |
| STANDARDS & COMPLIANCE | |
| External Power Supply Certifications | BSMI; CB; CCC; CE; FCC; GS; PSE; RCM; TUV; UL; cUL |
| Product Compliance | RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |



1000 Eaton Boulevard
Cleveland, OH 44122
United States



© 2023 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.