

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**



Description

The B160-001-DPSI DisplayPort over IP Extender Transmitter works with a Tripp Lite B160-Series receiver (sold separately) to extend and distribute DisplayPort audio/video, RS-232 serial and IR (infrared) remote signals from the source to the display located up to 328 feet (100 meters) away, which is more than 200 feet farther than a traditional Cat5e/6 solution. By adding a chain of low-cost unmanaged network switches, such as Tripp Lite's [NG5](#), you can continue extending the distance between source and display up to 328 feet per switch.

The B160-001-DPSI displays a single source on a single display or distributes a single signal to multiple displays. Create a multi-in, multi-out installation with up to 64 transmitters and 255 receivers* by connecting dedicated managed Ethernet network switches** with Internet Group Management Protocol (IGMP), such as Tripp Lite's [NSS-G16D2](#).

With a compatible B160-Series receiver, you can send the DisplayPort video source to any analog or digital display, including HDMI and VGA, allowing you to mix and match technologies and use existing monitors. An IGMP-enabled switch will let you manage all connections for centralized control over which sources show on which displays.

The B160-001-DPSI supports video resolutions up to 1080i, though it's limited to the maximum resolution of the receiver. It mounts to a wall, rack or pole using the included hardware. An HDMI output port allows connection of a local display.

**Unmanaged switch installations are limited to two transmitter units. Number of receivers is limited to number of ports remaining on unmanaged switch.*

***B160-Series designed for use with dedicated network switch. Connecting to a switch used with other networking equipment will result in degraded or non-functional performance.*

Features

Highlights

- Compatible with Tripp Lite 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*
- HDMI output on transmitter for connecting local display
- Plug and play—no software or drivers required

*Limited to maximum resolution of receiver

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



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

TAA-Compliant

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

Specifications

| COMMUNICATIONS | |
|----------------------------|-----|
| Max 1024 x 768 Range (ft) | 328 |
| Max 480P Range (ft) | 328 |
| Max 1440 x 900 Range (ft) | 328 |
| Max 1080i Range (ft) | 328 |
| Max 1080P Range (ft) | 328 |
| Max 1920 x 1440 Range (ft) | 328 |
| Max 480i Range (ft) | 328 |
| Max 640 x 480 Range (ft) | 328 |
| Max 800 x 600 Range (ft) | 328 |
| Max 1600 x 1200 Range (ft) | 328 |
| Max 1920 x 1200 Range (ft) | 328 |



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

| | |
|-------------------------------------|-------------------------|
| Max 720P Range (ft) | 328 |
| CONNECTIONS | |
| Ports | 1 |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |

© 2017 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>