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

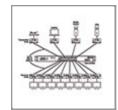
MODEL NUMBER: B160-001-DPSI











#### 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.

# **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

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**



## 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		
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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	



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

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