

DisplayPort Video + Audio with RS-232 Serial and IR Control over IP Transmitter, 1920 x 1080, 1080p, 328 ft. (100 m), TAA

MODEL NUMBER: **B160-001-DPSI**



Description

The B160-001-DPSI DisplayPort Video + Audio with RS-232 Serial and IR Control over IP Transmitter extends and distributes DisplayPort audio/video, RS-232 serial and IR (infrared) remote signals through a dedicated Ethernet network switch* located up to 328 feet (100 m) away. With an additional 328 feet between the switch and the receiver (sold separately), the total maximum distance from source to display is 656 feet (200 m).

Designed for managed network switches with IGMP, which allow login and remote management via switch interface, the B160-001-DPSI displays a single source on a single display or distributes a single signal to multiple displays. You can connect up to 64 transmitters and 255 receivers in a single managed switch installation.**

The B160-001-DPSI supports video resolutions up to 1920 x 1080p, including 1080p, though it's limited to the maximum resolution of the receiver (sold separately). You can send the DisplayPort video source to any analog or digital display, including HDMI and VGA. It extends IR control signals that control a source, such as a Blu-ray™ player, from a remote display, as well as RS-232 signals at serial baud rates up to 57600 Bps.

Compatible with Tripp Lite's B160-100-DPSI, B160-100-HDSI, B160-200-HSI and B160-100-VSI IP receivers.

**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.*

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

Features

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

- Converts source video to IP-based signal transmitted to and distributed through network switch

Highlights

- Designed for managed network switches with IGMP
- Compatible with all analog or digital displays
- Supports video resolutions up to 1920 x 1080, including 1080p*
- Plug and play—no software or drivers required
- Mounts on wall, rack or pole with included hardware

*Limited to maximum resolution of receiver

Package Includes

- Transmitter unit
- External power supply w/NEMA 1-15P plug (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



- Extends signal up to 328 ft. (100 m) from switch
- Can also connect directly to receiver up to 328 ft. away

Designed for Managed Network Switches with IGMP

- Allows login and remote management via switch interface
- Display single source on single display or distribute single signal to multiple displays
- Video source can be sent to any analog or digital display, including HDMI and VGA
- Connect up to 64 transmitters and 255 receivers in single managed switch installation
- HDMI output for connecting a local display

Enhanced Technical Features

- Supports video resolutions up to 1920 x 1080, including 1080p
- 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 B160-100-DPSI, B160-100-HDSI, B160-200-HSI and B160-100-VSI 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



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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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<https://www.tripplite.com/products/product-certification-agencies>