

## DisplayPort over IP Extender Receiver over Cat5/Cat6, RS-232 Serial and IR Control, 1080p 60 Hz, 328 ft. (100 m), TAA

MODEL NUMBER: **B160-100-DPSI**



Receives IP-based audio + video signal transmitted point-to-point from a source 328 ft. away via Cat5e/6 cable or through a dedicated Ethernet network switch.

### Features

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

- Receives IP-based audio/video transmitted point-to-point from a source 328 ft. away
- Add low-cost network switches between transmitter and receiver to continue extending distance up to 328 ft. per switch

#### 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
- Displays video from any analog or digital source, so you can mix and match technologies and use existing sources and monitors

### Enhanced Technical Features

- Supports video resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- 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 transmitter

### Plug-and-Play Functionality

### Highlights

- Compatible with Tripp Lite B160-Series A/V over IP transmitters
- Display video from any source, analog or digital
- Supports video resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- Scales up to multi-in, multi-out installation with network switch
- Plug and play—no software or drivers required

### Package Includes

- Receiver 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-In cable
- 3.5 mm to DB9 adapter cable (M/M)
- Mounting hardware
- Owner's manual



- 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 transmitters

#### TAA-Compliant

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

## Specifications

OVERVIEW	
UPC Code	037332196729
Product Type	Receiver
Technology	DisplayPort; IR; Serial (RS232); A/V over IP; Cat5/5e; Cat6
VIDEO	
Max Supported Video Resolution	1920x1080 (1080p @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	328
Max 1920 x 1080 (1080p) Range (ft)	328
Receiver/Transceiver Video Output	DisplayPort
Receiver - Number of Video Outputs	1
Signal Range (ft)	328 via Cat6 275 via Cat5e
Signal Range (m)	100 via Cat6 84 via Cat5e
Range Extension using other Tripp Lite product	328ft
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
3D Video Supported	Yes
AUDIO	
Audio Output	Displayport
Audio Specification	Stereo Audio
POWER	
Power Source	Unit (Included)
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P; BS1363; CEE 7/16 Schuko; AS/NZS 3112



External Power Supply Input Specs (V / Hz / A)	100-240V / 50-60Hz / 1.0A
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
External Power Supply DC Barrel Connector Specs	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
External Power Supply Certifications	BSMI; CB; CCC; CE; FCC; GS; PSE; RCM; TUV; UL; cUL
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	RJ45 Output (Green / Power, Orange / Signal), Channel Signal (Red), Power (Green)
<b>PHYSICAL</b>	
Color	Black
Included Mounting Accessories	Wallmount
Material of Construction	Steel
Number of Displays	1
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket &nbsp;<a class="productLink" href="//www.tripplite.com/din-rail-mounting-bracket-for-digital-signage-version-2-B110-DIN-02">B110-DIN-02</a>&nbsp;
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.)	5.04 x 1.17 x 3.94
Unit Packaging Type	Box
Unit Weight (kg)	0.09
Unit Weight (lbs.)	0.2
Housing	Metal
<b>ENVIRONMENTAL</b>	
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	20.5 BTU/Hr
Power Consumption (Watts)	6
<b>COMMUNICATIONS</b>	



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
<b>CONNECTIONS</b>	
Ports	4
Side A - Connector 1	DISPLAYPORT (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Displayport Specification	1.2
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	N202-Series Cat6 Patch Cable
Built-In Equalizer	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	Tested to CE, FCC, RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

© 2021 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>