

## Component Video + Audio over IP Extender/Receiver, Cat5e/6, Serial and IR Control, 1080i, 328 ft. (100 m), TAA

MODEL NUMBER: **B160-100-CSI**



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.

### Description

The B160-100-CSI RGB Component Video + Audio over IP Extender Receiver works with a Tripp Lite B160-Series transmitter (sold separately) to extend and distribute component video + stereo audio, RS-232 serial and IR (infrared) remote signals from the source to the display located up to 328-ft. (100 m) away, which is more than 200-ft. (60.96 m) 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-ft. (100 m) per switch.

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 transmitter, this receiver works with any analog or digital source, including HDMI, VGA and DisplayPort, allowing you to mix and match technologies and use existing source devices. An IGMP-enabled switch will let you manage all connections for centralized control over which sources show on which displays.

The B160-100-CSI supports video resolutions up to 1080i. 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. It mounts to a wall, rack or pole using the included hardware.

*\*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

#### RGB Component Video + Stereo Audio, 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

### 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 1080i
- 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



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- 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 1080i
- 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

#### 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 transmitters

#### TAA-Compliant

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

## Specifications

OVERVIEW	
UPC Code	037332196767
Product Type	Receiver
Technology	Component; Serial (RS232); IR; A/V over IP; Cat5/5e; Cat6
VIDEO	
Max Supported Video Resolution	1920x1080 (1080i @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	328
Receiver/Transceiver Video Output	Component (RCA)
Receiver - Number of Video Outputs	1
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
HDR Support	No
3D Video Supported	Yes
Maximum Signal Range (ft)	328



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Maximum Signal Range (m)	100
<b>AUDIO</b>	
Audio Output	RCA (x2) Stereo
Audio Specification	Stereo Audio
<b>POWER</b>	
Power Source	Unit (Included)
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P; CEE 7/16 Schuko; BS1363; 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; CE; FCC; GS; PSE; RCM; UL; cUL
Power Over Cable (PoC) Support	No
<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 <a href="http://www.tripplite.com/din-rail-mounting-bracket-for-digital-signage-version-2-B110-DIN-02">B110-DIN-02</a>
Form Factor/Mounting Options	Box; Wall-mount
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	2.17 x 10.24 x 6.46
Shipping Weight (lbs.)	1.59
Unit Dimensions (hwd / in.)	1.2 x 5 x 3.9
Unit Packaging Type	Box
Unit Weight (kg)	0.09



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Unit Weight (lbs.)	0.2
Housing	Metal
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	14 to 167 F (-10 to 75 C)
Storage Temperature Range	-4 to 176 F (-20 to 80 C)
Relative Humidity	0% to 85%, Non-Condensing
BTUs	18.1 BTU/Hr
Power Consumption (Watts)	5.3
<b>COMMUNICATIONS</b>	
Signal Range (ft.)	328
Signal Range (m)	100
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
Latency	2-3 seconds
USB Extension Support	No
<b>CONNECTIONS</b>	
Ports	8
Side A - Connector 1	(5) RCA (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
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

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