

# 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 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 feet (100 meters) away, which is more than 200 feet (61 meters) farther than a traditional Cat5e/6 solution. By adding a chain of low-cost unmanaged network switches, such as the NG5 (sold separately), you can continue extending the distance between source and display up to 328 feet 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 the NSS-G16D2 (sold separately). 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
- 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

## Highlights

- Compatible with 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

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 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; IR; A/V over IP; Cat5/5e; Cat6
VIDEO	
Max Supported Video Resolution	1920 x 1080 (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	328 ft.
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
Maximum Signal Range (m)	100
AUDIO	
Audio Output	RCA (x2) Stereo Audio

Audio Specification	Stereo Audio
<b>INPUT</b>	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.0A
AC Power Adapter Output Specs (V / A)	5V / 2A
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.4
Bus Powered	No
<b>POWER</b>	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P; CEE 7/16 Schuko; BS1363; AS/NZS 3112
Power Source	Unit (Included)
Power Over Cable (PoC) Support	No
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	5.3
<b>CONNECTIONS</b>	
Number of Ports	8
Side A - Connector 1	(5) RCA (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
Daisy-chainable / Cascadable	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
Material of Construction	Steel
Included Mounting Accessories	Wallmount
Number of Displays	1
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket <a href="https://triplite.eaton.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



Powering Business Worldwide



Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Packaging Type	Box
Unit Weight (lbs.)	0.2
Unit Weight (kg)	0.09
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
<b>COMMUNICATIONS</b>	
Signal Range (ft.)	328
Signal Range (m)	100
EDID Compatible	No
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
Consumer Electronics Control (CEC) Supported	No
Latency	2-3 seconds
USB Extension Support	No
<b>FEATURES &amp; SPECIFICATIONS</b>	
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
Driver Required	No
Recommended Category Cable	N202-Series Cat6 Patch Cable
<b>STANDARDS &amp; COMPLIANCE</b>	
External Power Supply Certifications	BSMI; CB; CE; FCC; GS; PSE; RCM; UL; cUL
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	1-year limited warranty



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