

## Component Video (RCA) over IP Extender Transmitter over Cat5/Cat6, RS-232 and IR Control, 1080i, 328 ft. (100 m), TAA

MODEL NUMBER: **B160-001-CSI**



### Description

The B160-001-CSI Component Video (RCA) over IP Extender Transmitter works with a Tripp Lite B160-Series receiver (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 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-CSI 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](#).

With a compatible B160-Series receiver, you can send the component video and stereo audio to any analog or digital display, including DisplayPort™, 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-CSI supports video resolutions up to 1080i. It mounts to a wall, rack or pole using the included hardware. An HDMI output port allows connection of a local display.

### 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 1080i
- HDMI output on transmitter for connecting local display
- Plug and play—no software or drivers required

### Package Includes

- Transmitter unit
- External power supply (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V 2A)
- Plug adapters for North America, U.K., Europe and Australia
- IR-Out cable
- 3.5 mm to DB9 adapter cable (M/F)
- Mounting hardware
- Owner's manual

*\*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.*



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
www.tripplite.com

## Features

### Distributes Component Video, Stereo Audio, Serial and IR Control Signals over Cat5/6 Cabling

- Converts audio and 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 1080i
- Uses H.264 video compression standard
- Transmits on 20–60 kHz IR frequency
- Sends 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

### Plug-and-Play Functionality

- Plug and play—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

INPUT	
External Power Supply Input Specs (V / Hz / A)	100-240V, 50/60Hz, 1A
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 Plug(s)	NEMA 1-15P North America; CEE 7/16 Schuko; BS 1363 UK; AS/NZS 3112 Australia
External Power Supply Certifications	CE; FCC; UL; cUL; TUV; CCC; PSE; C-Tick; GS; RoHS
Bus Powered	No



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USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	RJ45 OUTPUT (GREEN / POWER, ORANGE / SIGNAL), CHANNEL SIGNAL (RED), POWER (GREEN)
PHYSICAL	
Shipping Dimensions (hwd / in.)	2.17 x 10.24 x 6.46
Shipping Dimensions (hwd / cm)	5.51 x 26.01 x 16.41
Shipping Weight (lbs.)	1.59
Shipping Weight (kg)	0.72
Unit Dimensions (hwd / in.)	1.17 x 5.04 x 3.94
Unit Dimensions (hwd / cm)	2.97 x 12.8 x 10.0
Unit Weight (lbs.)	1.59
Unit Weight (kg)	0.72
Material of Construction	METAL
Color	Black
Rackmountable	Yes
ENVIRONMENTAL	
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% RH, NON-CONDENSING
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
Max 720P Range (ft)	328



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CONNECTIONS	
Ports	9
Side A - Connector 1	(5) RCA (FEMALE)
Side B - Connector 1	(2) 3.5MM (FEMALE); HDMI (FEMALE); RJ45 (FEMALE)
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	1080i
Driver Required	No
Recommended Category Cable	N202-Series Cat6 Patch Cable
EDID Compatible	No
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
3D Video Supported	Yes
CERTIFICATIONS	
Certifications	Tested to CE, FCC, ROHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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