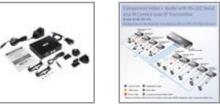


## Component Video (RCA) over IP Extender Transmitter over Cat5/Cat6, RS-232 and IR Control, 1080i, 328 ft. (100 m), TAA

## MODEL NUMBER: B160-001-CSI







Converts component video and stereo audio to an IP-based signal that is transmitted point-to-point to a receiver 328 ft. away via Cat5e/6 cable or through a dedicated Ethernet network switch.

#### 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<sup>™</sup>, 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



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\*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

#### 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**

OVERVIEW	
UPC Code	037332196705



INPUT		
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240	
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 Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America	
External Power Supply Certifications	BSMI; CB; CE; FCC; GS; PSE; RCM; UL; cUL	
USER INTERFACE, ALERTS & CONTROLS		
LED Indicators	RJ45 Output (Green / Power, Orange / Signal), Channel Signal (Red), Power (Green)	
PHYSICAL		
Color	Black	
Material of Construction	SECC	
Rackmountable	Yes	
Shipping Dimensions (hwd / in.)	2.00 x 6.30 x 10.10	
Shipping Weight (lbs.)	1.80	
Unit Dimensions (hwd / in.)	1.2 x 5 x 3.9	
Unit Weight (kg)	0.09	
Unit Weight (lbs.)	0.2	
ENVIRONMENTAL		
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	24.6 BTU/Hr	
Power Consumption (Watts)	7.2	
COMMUNICATIONS		
Signal Range (ft.)	328	
Signal Range (m)	100	
Latency	2-3 seconds	



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 @60Hz	
Audio Specification	2 Channel Surround Sound	
Driver Required	No	
Recommended Category Cable	N202-Series Cat6 Patch Cable	
Max Supported Color Depth	24-bit True Color	
IR Remote Extension Support	Yes	
RS-232 Serial Extension Support	Yes	
3D Video Supported	Yes	
Technology	A/V over IP; Component; IR; Serial (RS232)	
CERTIFICATIONS		
Certifications	Tested to CE, FCC, RoHS, REACH	
WARRANTY		
Product Warranty Period (Worldwide)	1-year limited warranty	

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