

RGB Component Video + Audio over IP Extender Receiver over Cat5e/6, RS-232 Serial & IR Control, 1080i, 328 ft. (100 m), TAA

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



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 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.

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

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



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 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

INPUT	
External Power Supply Input Specs (V / Hz / A)	100-240V, 50/60Hz, 0.5A
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
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%
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
CONNECTIONS	
Ports	8
Side A - Connector 1	(5) RCA (FEMALE)
Side B - Connector 1	(2) 3.5MM (FEMALE); RJ45 (FEMALE)
Connector Plating	Nickel
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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