

VGA over IP Extender Transmitter over Cat5/Cat6, RS-232 Serial and IR Control, 1920 x 1440 (1080p), 328 ft. (100 m), TAA

MODEL NUMBER: **B160-001-VSI**



Converts VGA video + 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.

Features

Distributes VGA A/V, Serial and IR Control Signals over Cat5/6 Cabling

- Converts audio/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 1920 x 1440, including 1080p (limited to receiver's max resolution)
- 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
- HDCP and 3D compatible

Plug-and-Play Functionality

- No software or drivers required
- Hardware included for mounting on wall, rack or pole

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 1920 x 1440, including 1080p*
- 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 U.S., U.K., Europe and Australia
- IR-Out cable
- 3.5 mm to DB9 adapter cable (M/F)
- Mounting hardware
- Owner's manual



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

- 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	037332196682
Product Type	Transceiver
Technology	IR; VGA/SVGA; A/V over IP; Cat5/5e; Cat6
VIDEO	
Max Supported Video Resolution	1920x1440 @ 60Hz
Max 720P Range (ft)	328
Max 1080P Range (ft)	328
Max 1280 x 720 (720p) Range (ft)	328
Max 1920 x 1080 (1080p) Range (ft)	328
Max 1920 x 1200 Range (ft)	328
Transmitter Video Input	VGA
Transmitter - Number of Video Outputs	1
Transmitter - Local Display Output	HDMI
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
Max Supported Color Depth	24-bit True Color
HDR Support	No
3D Video Supported	No
Maximum Signal Range (ft)	328
Maximum Signal Range (m)	100
Maximum Signal Range Details	328 ft via Cat6275 ft via Cat5e
AUDIO	
Audio Input	3.5mm
Audio Specification	Stereo Audio



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

INPUT	
Bus Powered	No
POWER	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P; BS1363; CEE 7/16 Schuko; AS/NZS 3112
Power Source	Unit (Included)
Power Over Cable (PoC) Support	No
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
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	RJ45 Output (Green / Power, Orange / Signal), Channel Signal (Red), Power (Green)
PHYSICAL	
Color	Black
Included Mounting Accessories	Wallmount
Number of Displays	1
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket & B110-DIN-02
Form Factor/Mounting Options	Box; Wall-mount
Shipping Dimensions (hwd / cm)	5.08 x 16.26 x 25.91
Shipping Dimensions (hwd / in.)	2.00 x 6.40 x 10.20
Shipping Weight (kg)	0.77
Shipping Weight (lbs.)	1.70
Unit Dimensions (hwd / in.)	1.2 x 5 x 3.9
Unit Packaging Type	Box
Unit Weight (lbs.)	0.2
Unit Weight (kg)	0.09
Housing	Metal
ENVIRONMENTAL	



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

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%, Non-Condensing
BTUs	18.1 BTU/Hr
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 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
EDID Compatible	No
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
Consumer Electronics Control (CEC) Supported	No
USB Extension Support	No
CONNECTIONS	
Number of Ports	1
Side A - Connector 1	3.5MM (FEMALE); HD15 (FEMALE)
Side B - Connector 1	HDMI (FEMALE); RJ45 (FEMALE)
FEATURES & SPECIFICATIONS	
Driver Required	No
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	BSMI; CB; CCC; CE; FCC; GS; PSE; RCM; TUV; UL; cUL
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY	



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

Product Warranty Period (Worldwide)	1-year limited warranty
--	-------------------------

© 2022 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:
<https://www.tripplite.com/products/product-certification-agencies>