

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

MODEL NUMBER: **B160-001-HDSI**



Converts HDMI or DVI audio/video 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 HDMI/DVI 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 1080 (1080p). 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 when used with a DisplayPort or HDMI receiver.

**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 receivers.

**TAA-Compliant** Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

## 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 1080 (1080p) - Limited to maximum resolution of receiver
- 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
- HDMI-to-DVI adapter cable
- Mounting hardware
- Owner's manual

## Specifications

OVERVIEW	
UPC Code	037332196644
Product Type	Transceiver
Technology	DVI; HDMI; IR; Serial (RS232); A/V over IP; Cat5/5e; Cat6
VIDEO	



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

Max Supported Video Resolution	1920x1080 (1080p @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	328
Max 1920 x 1080 (1080p) Range (ft)	328
Transmitter Video Input	HDMI or DVI w/ adapter
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	Yes
Maximum Signal Range (ft)	328
Maximum Signal Range (m)	100
<b>AUDIO</b>	
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	Stereo Audio
<b>POWER</b>	
Power Source	Unit (Included)
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P; BS1363; CEE 7/16 Schuko; AS/NZS 3112
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 Certifications	BSMI; CB; CCC; CE; FCC; GS; PSE; RCM; TUV; UL; cUL
Power Over Cable (PoC) Support	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
Included Mounting Accessories	Wallmount
Material of Construction	Steel
Number of Displays	1
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket <a href="http://www.tripplite.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.)	2.10 x 6.30 x 10.10
Shipping Weight (lbs.)	2.00
Unit Dimensions (hwd / in.)	5.04 x 1.17 x 3.94
Unit Packaging Type	Box
Unit Weight (kg)	0.09
Unit Weight (lbs.)	0.2
Housing	Metal
<b>ENVIRONMENTAL</b>	
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	19.8 BTU/Hr
Power Consumption (Watts)	5.8
<b>COMMUNICATIONS</b>	
Signal Range (ft.)	328
Signal Range (m)	100
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
Consumer Electronics Control (CEC) Supported	Yes
Latency	2-3 seconds
USB Extension Support	No
<b>CONNECTIONS</b>	



Ports	5
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	HDMI (FEMALE); RJ45 (FEMALE)
Side B - Connector 2	(2) 3.5MM (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	N202-Series Cat6 Patch Cable
Built-In Equalizer	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	Tested to CE, FCC, RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

© 2021 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>