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. awayAdd low-cost network switches between transmitter and receiver to continue extending distance up to 328 ft. per switchHDMI 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 switchesIGMP-enabled switches allow centralized control over which sources show on which displaysVideo 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 standardTransmits on 20–60 kHz IR frequencyExtends IR control signals that control a source from a remote displaySupports RS-232 serial baud rates up to 57600 BpsHDCP and 3D compatible when used with a DisplayPort or HDMI receiver

Plug-and-Play Functionality No software or drivers requiredHardware included for mounting on wall, rack or poleCompatible 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 a 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; A/V over IP; Cat5/5e; Cat6
VIDEO	
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
AUDIO	
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	Stereo Audio
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
Power Consumption (Watts)	5.8

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	RJ45 Output (Green / Power, Orange / Signal), Channel Signal (Red), Power (Green)

PHYSICAL

Material of Construction	Steel
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
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 (lbs.)	0.2
Unit Weight (kg)	0.09
Housing	Metal

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%, Non-Condensing
BTUs	19.8 BTU/Hr

COMMUNICATIONS

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

CONNECTIONS	
Number of Ports	5
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	HDMI (FEMALE); RJ45 (FEMALE)
Side B - Connector 2	(2) 3.5MM (FEMALE)

FEATURES & SPECIFICATIONS	
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	N202-Series Cat6 Patch Cable
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
Certification & Compliance	CE (Europe); RoHS; REACH; FCC (USA)

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