DVI/HDMI over IP Extender Receiver over Cat5/Cat6, RS-232 Serial and IR Control, 1080p 60 Hz, 328 ft. (100 m), TAA

MODEL NUMBER: **B160-100-HDSI**











Receives IP-based audio + video signal transmitted point-to-point from a source 328 ft. away via Cat5e/6 cable or through a dedicated Ethernet network switch.

Highlights

- Compatible with B160-Series A/V over IP transmitters
- Display video from any source, analog or digital
- Supports video resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- 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
- HDMI to DVI adapter cable
- Mounting hardware
- Owner's manual

Features

HDMI/DVI A/V, 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

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 1920 x 1080 (1080p) @ 60 Hz
- 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 transmitter

Plug-and-Play Functionality

- No software or drivers required
- Hardware included for mounting on wall, rack or pole
- Compatible with all B160-Series A/V over IP transmitters

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

Specifications

OVERVIEW	
UPC Code	037332196712
Product Type	Receiver
Technology	DVI; HDMI; IR; A/V over IP; Cat5/5e; Cat6
VIDEO	
Max Supported Video Resolution	1920 x 1080 (1080p @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	328
Max 1920 x 1080 (1080p) Range (ft)	328
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Range Extension using other Tripp Lite product	328 ft.
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
Maximum Signal Range Details	328 ft via Cat6275 ft via Cat5e
AUDIO	
Audio Output	HDMI
Audio Specification	Stereo Audio
INPUT	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.0A
AC Power Adapter Output Specs (V / A)	5V / 2A
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.4

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
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	4.1
CONNECTIONS	
Number of Ports	4
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	(2) 3.5MM (FEMALE); RJ45 (FEMALE)
Daisy-chainable / Cascadable	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	RJ45 Output (Green / Power, Orange / Signal), Channel Signal (Red), Power (Green)
PHYSICAL	
Color	Black
Material of Construction	Steel
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 10.00
Shipping Weight (lbs.)	2.10
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
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	14 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
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	N202-Series Cat6 Patch Cable
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); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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