Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

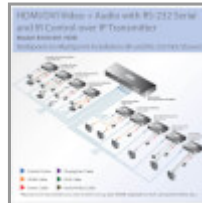Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

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.

Description

The B160-001-HDSI HDMI/DVI over IP Extender Transmitter works with a Tripp Lite B160-Series receiver (sold separately) to extend and distribute HDMI or DVI audio/video, 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.

The B160-001-HDSI displays a single source on a single display or distributes a single signal to multiple displays. 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 receiver, you can send the HDMI or DVI video source (a DVI adapter cable is included) to any analog or digital display, including VGA and DisplayPort™, allowing you to mix and match technologies and use existing monitors. An IGMP-enabled switch will let you manage all connections for centralized control over which sources show on which displays.

The B160-001-HDSI supports video resolutions up to 1920 x 1080 (1080p), though it's limited to the maximum resolution of the receiver. It mounts to a wall, rack or pole using the included hardware. An HDMI output port allows connection of a local display.

*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
Distributes HDMI/DVI A/V, Serial and IR Control Signals over Cat5/6 Cabling

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)*
- HDMI output on transmitter for connecting local display
- Plug and play—no software or drivers required

*Limited to maximum resolution of receiver

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

- 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

Specifications

OVERVIEW	
UPC Code	037332196644
Technology	DVI (all types); HDMI (All types); IR; Serial (RS232); A/V over IP

INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
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 Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
External Power Supply Certifications	BSMI; CB; CE; FCC; GS; PSE; RCM; UL; cUL

USER INTERFACE, ALERTS & CONTROLS

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

PHYSICAL

Shipping Dimensions (hwd / in.)	2.10 x 6.30 x 10.10
Shipping Weight (lbs.)	2.00
Unit Dimensions (hwd / in.)	1.2 x 5 x 3.9
Unit Weight (lbs.)	0.2
Unit Weight (kg)	0.09
Material of Construction	SECC
Color	Black
Rackmountable	Yes

ENVIRONMENTAL

Operating Temperature Range	14 to 167 F (-10 to 75 C)
Storage Temperature Range	-4 to 176 F (-20 to 80 C)
Relative Humidity	0% to 85%, Non-Condensing
BTUs	19.8 BTU/Hr
Power Consumption (Watts)	5.8

COMMUNICATIONS

Signal Range (ft.)	328
Signal Range (m)	100
Latency	2-3 seconds

CONNECTIONS

Ports	5
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	3.5MM (FEMALE); DB9 (FEMALE); HDMI (FEMALE); RJ45 (FEMALE)

FEATURES & SPECIFICATIONS

Max Supported Video Resolution	1920 x 1080 (1080p) @60Hz

HDMI Specification	1.4
HDCP Specification	1.4
Audio Specification	2 Channel Surround Sound, Stereo Audio
Driver Required	No
Recommended Category Cable	N202-Series Cat6 Patch Cable
Max Supported Color Depth	24-bit True Color
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
3D Video Supported	Yes
CERTIFICATIONS	
Certifications	Tested to CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty