Eaton
Powering Business Worldwide

TRIPP LITE
SERIES

Important Note

P568-Series HDMI cabling recommended for maximum distance and best performance. Although most installations will not require power, a USB Micro-B port is featured in the event power is needed. Connect a USB Micro-B cable between the port and a USB wall charger, monitor or computer.

HDMI Signal Booster / Extender, 4K 60 Hz, F/F, 4:4:4, Up to 50 ft., TAA

MODEL NUMBER: **B122-000-4K6**

In-line HDMI signal extender boosts a high-quality 4K HDMI audio/video transmission up to 50 ft. from the source device.

Features

HDMI Booster Extends High-Definition 4K Video and Digital Audio Signals up to 50 ft.
Don't let HDMI's 16-foot distance limitation limit your audio/video application. This in-line HDMI signal extender boosts your 4K transmission up to 50 feet (15.2 meters) from the source device without a drop in signal quality. This gives you the flexibility to hide your Blu-ray player or media server away in a secure, remote location for controlled access, while delivering video to an HDMI display somewhere else. The B122-000-4K6 is recommended for digital signs or video presentations in schools, conference rooms, retail displays, trade show booths and anywhere else you need to display high-definition video.

Meets HDMI Industry Standards to Deliver High-Definition Results
This HDMI signal booster supports computer video resolutions up to 4K x 2K (3840 x 2160) at 60 Hz, as specified in HDMI 2.0, as well as 36-bit Deep Color (12 bits per channel). It supports DTS-HD, Dolby TrueHD and 7.1-channel surround sound to ensure your speakers deliver rich, clear audio to match the video quality. It supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Greater Distance Gives You More Freedom in Placing Your Source and Display Devices
This low-profile HDMI booster is designed for use with P568-Series HDMI cables (sold separately). Connect one cable (up to 25 feet) to your source device, such as a Blu-ray player or computer, to transmit a 4K (at 60 Hz) signal. The second cable connects the B122-000-4K6 and the HDMI display device and must be no longer than 25 feet. This unit can also extend a 3D signal up to 50 feet. For best results, 24 AWG HDMI cable, such as P568-100-HD (sold separately), is required.

Ready to Use Right from the Package, So You Can Plug and Play Immediately
The plug-and-play unit requires no software, drivers or (usually) external power. In the extreme case that external power is needed, connect a USB Micro-B cable (such as UR050-Series) between the unit's USB Micro-B port and a USB wall charger or USB port on your monitor or computer (cable and charger sold separately). With its low-profile design, the B122-000-4K6 is easy to stow in your laptop bag and carry to school, the office or the latest trade show.

TAA-Compliant for GSA Schedule Purchases
The B122-000-4K6 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Highlights

- Allows you to store expensive source device in a secure location for controlled access
- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear video
- Supports DTS-HD, Dolby TrueHD and 7.1 surround sound for rich, clear audio
- Compact unit fits easily into briefcase or laptop bag for instant use anywhere
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Digital signage in office lobbies, churches, retail stores, restaurants and hotels
- Video presentations in conference rooms, lecture halls, classrooms and trade shows
- Home theater systems where the source devices are secured in a closet or other room

System Requirements

- Source device with HDMI output
- Display device with HDMI input
- 24 AWG HDMI cable required for full 4K @ 60 Hz quality (P568-Series)

Package Includes

- B122-000-4K6 HDMI Signal Booster
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332239464
Product Type	Signal Booster
Technology	HDMI

VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Number of Monitors Supported	1
Video Ports	HDMI (FEMALE)
Video Ports Details	HDMI 2.0; HDCP 2.2
Resolutions Supported	4K @ 60 Hz, up to 50 ft.
Max Supported Video Resolution	3840 x 2160 (4K @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	50
Max 1920 x 1080 (1080p) Range (ft)	50
Max 1920 x 1200 Range (ft)	50
Max 2560 x 1600 Range (ft)	50
Max 3840 x 2160 (4K@30Hz) Range (ft)	50
Max 3840 x 2160 (4K@60Hz) Range (ft)	50
Recommended Cabling	24 AWG
Max Supported Color Depth	24-bit True Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	50
Maximum Signal Range (m)	15

AUDIO	
Audio Ports	HDMI (FEMALE)
Audio Ports Details	HDMI (Female) port allows for pass-through audio
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	Pass-through audio

INPUT	
Bus Powered	No
Product Length (in.)	2.362
Product Length (cm.)	6
Product Length (ft.)	0.197
Product Length (m)	0.06

POWER	
Power Source Type	USB
Power Source	Unit (Optional)
Power Over Cable (PoC) Support	No

CONNECTIONS	
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	MICRO-USB B (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Daisy-chainable / Cascadable	No

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green = Signal Active

PHYSICAL	
Color	Gray
Material of Construction	Plastic
Number of Displays	1
Form Factor/Mounting Options	Box
Shipping Dimensions (hwd / in.)	1.30 x 6.14 x 4.80
Shipping Dimensions (hwd / cm)	3.30 x 15.60 x 12.19
Shipping Weight (lbs.)	0.11
Shipping Weight (kg)	0.05
Unit Dimensions (hwd / in.)	0.590 x 1.023 x 2.362
Unit Dimensions (hwd / cm)	1.5 x 2.6 x 6
Unit Packaging Type	Box
Unit Weight (lbs.)	0.03
Unit Weight (kg)	0.01
Housing	Plastic

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	0-85% non-condensing

COMMUNICATIONS	
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No

FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
HDCP Specification	2.2
Driver Required	No
Recommended Category Cable	24AWG

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty