



#### **Important Note**

P568-Series HDMI cabling recommended for maximum distance and best performance and required for distances over 75 feet. Most installations are self powered. On the rare occasion where additional power is needed, power can be added via a USB Micro-B port on the extender. Connect a USB Micro-B cable between the port and a USB wall charger, monitor or computer. Cable and charger not included.

# HDMI Signal Booster / Extender, 1920 x 1200 (1080p) 60Hz, Up to 125 ft. (38 m), (HDMI F/F), TAA

MODEL NUMBER: **B122-000-60** 











In-line HDMI signal extender boosts a high-quality HDMI audio/video transmission up to 125 ft. from the source device.

#### **Features**

HDMI Booster Extends High-Definition 1080p Video and Digital Audio Signals up to 125-ft. (38.1 m)Don't let HDMI's 16-ft. (4.9 m) distance limitation limit your audio/video application. This in-line HDMI signal extender boosts your 1080p transmission up to 125-ft. (38.1 m) 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 B122-000-60 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 1920 x 1200 and HD resolutions up to 1080p at 60 Hz, as well as 36-bit Deep Color (12 bits per channel). It also supports DTS-HD, Dolby TrueHD and 7.1-channel surround sound to ensure your speakers deliver rich, clear audio to match the video quality.

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 the longer cable (up to 125-ft. (38.1 m) to your source device, such as a Blu-ray player or computer, to transmit a 1080p (60 Hz) signal. The shorter cable connects the B122-000-60 and the HDMI display device, and must be no longer than 16-ft. (4.9 m). For distances over 75-ft. (22.9 m), a 24 AWG HDMI cable, such as P568-100-HD, is required. In addition, this unit can also extend a 3D signal up to 125-ft. (38.1 m) (24 AWG cable required for 3D transmissions over 50-ft. (15.2 m).

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. With its low-profile design, the B122-000-60

# **Highlights**

- Allows you to store expensive source device in a secure location for controlled access
- Delivers HD picture quality at resolutions up to 1920 x 1200 (1080p) @ 60 Hz
- 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 distances over 75-ft. (22.86 m) (P568-Series)

## **Package Includes**

- B122-000-60 HDMI Signal Booster
- Owner's manual





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 B122-000-60 is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

3-Year WarrantyThe B122-000-60 is backed by a 3-year warranty, ensuring reliability and performance.

# **Specifications**

OVERVIEW		
UPC Code	037332160294	
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	1080p @ 60 Hz, up to 125-ft.	
Max Supported Video Resolution	1920 x 1080 (1080p @ 60Hz)	
Max 720P Range (ft)	150	
Max 1080P Range (ft)	150	
Max 1280 x 720 (720p) Range (ft)	125	
Max 1920 x 1080 (1080p) Range (ft)	125	
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)	125	
Maximum Signal Range (m)	38	
Maximum Signal Range Details	Extend a 1080p @ 60Hz (1920 x 1200) HDMI signal up to 125 ft. from the source	
AUDIO		
Audio Ports	HDMI (FEMALE)	
Audio Ports Details	HDMI (Female) port allows for pass-through audio	





Audio Output         HDMI           Audio Specification         Pass-through audio           INPUT           Bus Powered         No           Product Length (in.)         2.362           Product Length (cm.)         6           Product Length (m.)         0.197           Product Length (m.)         0.06           Power Source Type         USB           Power Source Type         Unit (Optional)           Power Over Cable (PoC) Support         No           Prysical         Very Cable (PoC) Support           Color         Black           Material of Construction         Plastic           Number Objetays         1           Form Factor/Mounting Options         Box           Shipping Dimensions (mod / m.)         4.06 x 1.68 x 16.75           Shipping Weight (bs.)         0.10           Shipping Weight (bs.)         0.05           Unit Dimensions (mod / m.)         2.260 x .600 x 1.020           Unit Veight (bs.)         0.03           Unit Weight (bs.)         0.01           Housing Type         80x           Evitor/Mounting Temperature Range         2° to 104°F (o" to 40°C)           Storage Temperature Range         3° to 102°F (15° to 50°C) <th></th> <th>1</th>		1	
NPUT           Bus Powered         No           Product Length (in.)         2.362           Product Length (rm.)         6           Product Length (in.)         0.197           Product Length (in.)         0.06           Power Source         Usit (Optional)           Power Source Type         Usit (Optional)           Power Cover Cable (PaC) Support         No           Product Length (in.)         Plastic           Material of Construction         Plastic           Material of Construction         Plastic           Number of Diaplays         1           Form Factor/Mounting Options         Box           Shipping Dimensions (hmd / in.)         1.80 x 4.60 x 6.20           Shipping Weight (ba.)         0.10           Shipping Weight (ba.)         0.05           Unit Packaging Type         Box           Unit Weight (kg)         0.03           Unit Weight (kg)         0.03           Unit Weight (kg)         0.01           Housing         Plastic           ENVIRONMENTAL         Storage Temperature Range         5º to 122º (-15° to 50°C)           Relative Humidity         0.9% to 85% RH, Non-Condensing	Audio Input	HDMI	
Bus Powered   No   No   Product Length (in.)   2.362			
Bus Powered         No           Product Length (in.)         2.362           Product Length (cm.)         6           Product Length (it.)         0.197           Product Length (m)         0.06           POWER           Power Source Type           Unit (Optional)         No           Power Source Type         Unit (Optional)           Power Cable (PoC) Support         No           Power Cable (PoC) Support         1           Power Cable (PoC) Support </td <td>Audio Specification</td> <td>Pass-through audio</td>	Audio Specification	Pass-through audio	
Product Length (in.)         2.362           Product Length (em.)         6           Product Length (m)         0.06           POWER           Power Source Type         USB           Power Source         Unit (Optional)           Power Courc Cable (PoC) Support         No           PHYSICAL           Color         Black           Material of Construction         Plastic           Number of Displays         1           Form FactoriMounting Options         Box           Shipping Dimensions (fwd / in.)         1,60 x 4,60 x 6,20           Shipping Dimensions (fwd / or.)         4,06 x 11,68 x 15,75           Shipping Weight (fbs.)         0,10           Shipping Weight (kg)         0,05           Unit Dimensions (fwd / in.)         2,380 x 0,600 x 1,020           Unit Weight (kg)         0,03           Unit Weight (kg)         0,03           Unit Weight (kg)         0,01           Housing         Plastic           ENVIRONMENTAL         Storage Temperature Range         5" to 122"F ("15" to 50"C)           Relative Humidity         0% to 85% RH, Non-Condensing	INPUT		
Product Length (rm.)         6           Product Length (rm.)         0.197           Product Length (rm.)         0.06           POWER           Power Source Type         USB           Power Source         Unit (Optional)           Power Over Cable (PoC) Support         No           PHYSICAL           Color         Black           Material of Construction         Plastic           Number of Displays         1           Form Factor/Mounting Options         Box           Shipping Dimensions (fm.d/ in.)         1,60 x 4,60 x 6,20           Shipping Dimensions (fm.d/ cm.)         4,06 x 11,68 x 15,75           Shipping Weight (fb.s)         0,10           Shipping Weight (kg.)         0,05           Unit Dimensions (fm.d/ in.)         2,380 x 0,600 x 1,020           Unit Weight (kg.)         0,03           Unit Weight (kg.)         0,03           Unit Weight (kg.)         0,01           Housing         Plastic           ENVIRONMENTAL           Commentation         5° to 122°F (15° to 50°C)           Relative Humidity         0% to 85% RH, Non-Condensing           Communications	Bus Powered	No	
Product Length (m)         0.06           PoWER           Power Source Type         USB           Power Source         Unit (Optional)           Power Over Cable (PoC) Support         No           PHYSICAL           Cotor         Black           Material of Construction         Plastic           Number of Displays         1           Form Factor/Mounting Options         Box           Shipping Dimensions (hwd / in.)         1.60 x 4.60 x 6.20           Shipping Weight (lbs.)         0.10           Shipping Weight (lbs.)         0.10           Shipping Weight (kg)         0.05           Unit Dimensions (hwd / in.)         2.360 x 0.600 x 1.020           Unit Weight (lbs.)         0.03           Unit Weight (lbs.)         0.03           Unit Weight (kg)         0.01           Housing         Plastic           ENVIRONMENTAL           Commentature Range         32° to 104°F (0° to 40°C)           Storage Temperature Range         32° to 104°F (0° to 50°C)           Relative Humidity         0% to 85% RH, Non-Condensing	Product Length (in.)	2.362	
Product Length (m)         0.06           POWER         Value (Dylonal)           Power Source Type         Usit (Optional)           Power Over Cable (PoC) Support         No           PHYSICAL           Color         Black           Material of Construction         Plastic           Number of Displays         1           Form Factor/Mounting Options         Box           Shipping Dimensions (hwd / in.)         1.60 x 4.60 x 6.20           Shipping Dimensions (hwd / cm)         4.06 x 11.88 x 15.75           Shipping Weight (bs.)         0.10           Shipping Weight (kg)         0.05           Unit Packaging Type         Box           Unit Weight (hgs.)         0.03           Unit Weight (kg)         0.01           Housing         Plastic           ENVIRONMENTAL         23° to 104° F (0° to 40°C)           Storage Temperature Range         3° to 122° F (-15° to 50°C)           Relative Humidity         0% to 85% RH, Non-Condensing	Product Length (cm.)	6	
POWER           Power Source Type         USB           Power Source         Unit (Optional)           Power Cable (PoC) Support         No           PHYSICAL           Color         Black           Material of Construction         Plastic           Number of Displays         1           Form Factor/Mounting Options         Box           Shipping Dimensions (hwd / in.)         1.60 x 4.60 x 6.20           Shipping Dimensions (hwd / in.)         4.06 x 11.68 x 15.75           Shipping Weight (lbs.)         0.10           Shipping Weight (lbs.)         0.05           Unit Dimensions (hwd / in.)         2.360 x 0.600 x 1.020           Unit Dimensions (hwd / in.)         2.360 x 0.600 x 1.020           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% to 85% RH, Non-Condensing           COMMUNICATIONS	Product Length (ft.)	0.197	
Power Source         Unit (Optional)           Power Over Cable (PoC) Support         No           PHYSICAL           Color         Black           Material of Construction         Plastic           Number of Displays         1           Form Factor/Mounting Options         Box           Shipping Dimensions (hwd / in.)         1.60 x 4.60 x 6.20           Shipping Dimensions (hwd / or.)         4.06 x 11.68 x 15.76           Shipping Weight (kg)         0.10           Shipping Weight (kg)         0.05           Unit Dimensions (hwd / in.)         2.360 x 0.600 x 1.020           Unit Packaging Type         Box           Unit Weight (kg)         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% to 85% RH, Non-Condensing           COMMUNICATIONS	Product Length (m)	0.06	
Power Source         Unit (Optional)           Power Over Cable (PoC) Support         No           PHYSICAL           Color         Black           Material of Construction         Plastic           Number of Displays         1           Form Factor/Mounting Options         Box           Shipping Dimensions (hwd / in.)         1.60 x 4.60 x 6.20           Shipping Dimensions (hwd / cm)         4.06 x 11.68 x 15.76           Shipping Weight (lbs.)         0.10           Shipping Weight (kg)         0.05           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% to 85% RH, Non-Condensing	POWER		
Power Over Cable (PoC) Support         No           PHYSICAL           Color         Black           Material of Construction         Plastic           Number of Displays         1           Form Factor/Mounting Options         Box           Shipping Dimensions (hwd / in.)         1.60 x 4.60 x 6.20           Shipping Dimensions (hwd / om)         4.06 x 11.68 x 15.75           Shipping Weight (lbs.)         0.10           Shipping Weight (kg)         0.05           Unit Dimensions (hwd / in.)         2.360 x 0.600 x 1.020           Unit Weight (lbs.)         0.03           Unit Weight (kg)         0.01           Housing         Plastic           ENVIRONMENTAL         Operating Temperature Range         5° to 102°F (0° to 40°C)           Storage Temperature Range         5° to 122°F (-15° to 50°C)           Relative Humidity         0% to 85% RH, Non-Condensing	Power Source Type	USB	
Physical	Power Source	Unit (Optional)	
Color         Black           Material of Construction         Plastic           Number of Displays         1           Form Factor/Mounting Options         Box           Shipping Dimensions (hwd / in.)         1.60 x 4.60 x 6.20           Shipping Dimensions (hwd / cm)         4.06 x 11.68 x 15.75           Shipping Weight (lbs.)         0.10           Shipping Weight (kg)         0.05           Unit Dimensions (hwd / in.)         2.360 x 0.600 x 1.020           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% to 85% RH, Non-Condensing	Power Over Cable (PoC) Support	No	
Material of Construction Plastic  Number of Displays 1  Form Factor/Mounting Options Box  Shipping Dimensions (hwd / in.) 1.60 x 4.60 x 6.20  Shipping Dimensions (hwd / cm) 4.06 x 11.68 x 15.75  Shipping Weight (lbs.) 0.10  Shipping Weight (kg) 0.05  Unit Dimensions (hwd / in.) 2.360 x 0.600 x 1.020  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% to 85% RH, Non-Condensing	PHYSICAL		
Number of Displays   1	Color	Black	
Form Factor/Mounting Options Shipping Dimensions (hwd / in.) 1.60 x 4.60 x 6.20 Shipping Dimensions (hwd / cm) 4.06 x 11.88 x 15.75 Shipping Weight (lbs.) 0.10 Shipping Weight (kg) 0.05 Unit Dimensions (hwd / in.) 2.360 x 0.600 x 1.020 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  OMMUNICATIONS	Material of Construction	Plastic	
Shipping Dimensions (hwd / in.)         1.60 x 4.60 x 6.20           Shipping Dimensions (hwd / cm)         4.06 x 11.68 x 15.75           Shipping Weight (lbs.)         0.10           Shipping Weight (kg)         0.05           Unit Dimensions (hwd / in.)         2.360 x 0.600 x 1.020           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% to 85% RH, Non-Condensing	Number of Displays	1	
Shipping Dimensions (hwd / cm)  4.06 x 11.68 x 15.75  Shipping Weight (lbs.)  0.10  Shipping Weight (kg)  0.05  Unit Dimensions (hwd / in.)  2.360 x 0.600 x 1.020  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  Ow to 85% RH, Non-Condensing	Form Factor/Mounting Options	Box	
Shipping Weight (lbs.)         0.10           Shipping Weight (kg)         0.05           Unit Dimensions (hwd / in.)         2.360 x 0.600 x 1.020           Unit Packaging Type         Box           Unit Weight (lbs.)         0.03           Unit Weight (kg)         0.01           Housing         Plastic           ENVIRONMENTAL         Operating Temperature Range           Storage 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% RH, Non-Condensing	Shipping Dimensions (hwd / in.)	1.60 x 4.60 x 6.20	
Shipping Weight (kg) 0.05  Unit Dimensions (hwd / in.) 2.360 x 0.600 x 1.020  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% to 85% RH, Non-Condensing	Shipping Dimensions (hwd / cm)	4.06 x 11.68 x 15.75	
Unit Dimensions (hwd / in.)  2.360 x 0.600 x 1.020  Unit Packaging Type  Box  Unit Weight (lbs.)  0.03  Unit Weight (kg)  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% to 85% RH, Non-Condensing	Shipping Weight (lbs.)	0.10	
Unit Packaging Type  Box  Unit Weight (lbs.)  0.03  Unit Weight (kg)  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  O% to 85% RH, Non-Condensing	Shipping Weight (kg)	0.05	
Unit Weight (lbs.)  Unit Weight (kg)  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  O% to 85% RH, Non-Condensing	Unit Dimensions (hwd / in.)	2.360 x 0.600 x 1.020	
Unit Weight (kg)  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% to 85% RH, Non-Condensing	Unit Packaging Type	Вох	
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% to 85% RH, Non-Condensing  COMMUNICATIONS	Unit Weight (lbs.)	0.03	
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% RH, Non-Condensing  COMMUNICATIONS	Unit Weight (kg)	0.01	
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% RH, Non-Condensing  COMMUNICATIONS	Housing	Plastic	
Storage Temperature Range 5° to 122°F (-15° to 50°C)  Relative Humidity 0% to 85% RH, Non-Condensing  COMMUNICATIONS	ENVIRONMENTAL		
Relative Humidity 0% to 85% RH, Non-Condensing  COMMUNICATIONS	Operating Temperature Range	32° to 104°F (0° to 40°C)	
COMMUNICATIONS	Storage Temperature Range	5° to 122°F (-15° to 50°C)	
	Relative Humidity	0% to 85% RH, Non-Condensing	
Max 1024 x 768 Range (ft) 150	COMMUNICATIONS		
	Max 1024 x 768 Range (ft)	150	





Max 480P Range (ft)	154	
Max 1440 x 900 Range (ft)	150	
Max 1080i Range (ft)	150	
Max 480i Range (ft)	154	
Max 640 x 480 Range (ft)	150	
Max 800 x 600 Range (ft)	150	
Max 1600 x 1200 Range (ft)	150	
EDID Compatible	Yes	
IR Remote Extension Support	No	
RS-232 Serial Extension Support	No	
Consumer Electronics Control (CEC) Supported	Yes	
USB Extension Support	No	
CONNECTIONS		
Number of Ports	1	
Side A - Connector 1	HDMI (FEMALE)	
Side A - Connector 2	MICRO-USB B (FEMALE)	
Side B - Connector 1	HDMI (FEMALE)	
Daisy-chainable / Cascadable	No	
FEATURES & SPECIFICATIONS		
10/100 Ethernet Extension Support	No	
Built-In Equalizer	No	
HDCP Specification	1.4	
Driver Required	No	
STANDARDS & COMPLIANCE		
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	3-year limited warranty	
(Worldwide)		

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