



**THE DATASHEET OF  
B123-001**



**Important Note**

Although most installations will not require power, a Micro USB port is provided in the event power is needed. Using a Micro USB cable(such as UR05C-Series), connect the Micro USB port to a USB wall charger, the USB port on your monitor, or the USB port on a computer.

**HDMI Signal Booster / Extender Cable, 1920 x 1200 (1080p) 24Hz, Up to 150 ft. (45 m), (HDMI M/F), 1 ft, TAA**

MODEL NUMBER: **B123-001**



**Description**

The B123-001 HDMI Signal Extender increases the distance a 1080p at 24 Hz (or 1920 x 1200) signal can be transmitted beyond the recommended 16 feet (4.9 meters). It supports computer video resolutions up to 1920 x 1200 and HD resolutions up to 1080p at 24 Hz at a maximum distance of 150 feet (45.7 meters) from the source. Use P568-Series HDMI cables in most applications. When extending a 1080p at 24 Hz (or 1920 x 1200) signal more than 75 feet (22.9 meters), use cable made with 24 AWG wiring, such as the P568-100-HD. 24 AWG HDMI cable is also needed when extending a 3D signal more than 50 feet (15.2 meters). A 3D signal can be extended up to 125 feet (38.1 meters) using 24 AWG HDMI cable. Simply connect the longer cable between the source and the B123-001, and then connect the built-in cable to the monitor. The built-in HDMI cable features a latching connector for a more secure connection. Software or drivers are not required. HDCP compliant. Compatible with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

**Features**

- Extend a 1080p at 24 Hz (or 1920 x 1200) HDMI signal up to 150-ft. (45.7 m) from the source
- Use P568-Series HDMI cables in most applications
- Built-in HDMI cable features a latching connector for a more secure connection
- When extending a 1080p at 24 Hz (or 1920 x 1200) signal more than 75-ft. (22.9 m), use cable made with 24 AWG wiring, such as the P568-100-HD.
- 24 AWG HDMI cable is also needed when extending a 3D signal more than 50-ft. (15.2 m). A 3D signal can be extended up to 125-ft. (38.1 m) using 24 AWG HDMI cable
- Supports DTS-HD, Dolby True HD and 7.1 Channel Surround Sound Audio
- HDCP compliant
- No software or drivers required
- No external power required in most installations

**Highlights**

- Extend a 1080p @ 24Hz (or 1920 x 1200) HDMI signal up to 150-ft. (45.72 m) from the source
- When extending a 1080p @ 24Hz (or 1920 x 1200) signal more than 75-ft. (22.86 m), use cable made with 24Awg wiring, such as the P568-100-HD
- 24Awg HDMI cable is also needed when extending a 3D signal more than 50-ft. (15.24 m). A 3D signal can be extended up to 125-ft. (38.1 m) using 24Awg HDMI cable
- Supports DTS-HD, Dolby True HD and 7.1 Channel Surround Sound Audio
- No external power required in most installations
- Built-in HDMI cable features a latching connector for a more secure connection
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

**Package Includes**

- HDMI Active Extender Cable, M/F, 1-ft. (0.31 m)

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

## Specifications

OVERVIEW	
UPC Code	037332141057
Product Type	Signal Booster
Technology	HDMI
VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (MALE)
Number of Monitors Supported	1
Video Ports	HDMI (FEMALE)
Video Ports Details	HDMI 1.4; HDCP 1.4
Resolutions Supported	Extend a 1080p @ 24Hz (or 1920 x 1200) HDMI signal up to 150-ft. (45.72 m) from the source
Max Supported Video Resolution	1920 x 1200 @ 24Hz
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
Max 1920 x 1200 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)	150
Maximum Signal Range (m)	46
Maximum Signal Range Details	Extend a 1080p @ 24Hz (or 1920 x 1200) HDMI signal up to 125-ft. (38.1 m) from the source
AUDIO	
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	Pass-through audio
INPUT	



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Built-In Cable Length (ft.)	0.5
Built-In Cable Length (in.)	6
Bus Powered	No
Product Length (in.)	8.362
Product Length (cm.)	21.239
Product Length (ft.)	0.696
Product Length (m)	0.06
<b>POWER</b>	
Power Source Type	USB
Power Source	Unit (Optional)
Power Over Cable (PoC) Support	No
<b>CONNECTIONS</b>	
Number of Ports	1
Side A - Connector 1	HDMI (MALE)
Side A - Connector 2	MICRO-USB B (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Daisy-chainable / Cascadable	No
<b>PHYSICAL</b>	
Color	Black
Material of Construction	Plastic
Cable Jacket Color	Black
Cable Length (ft.)	1
Cable Length (m)	0.30
Number of Displays	1
Form Factor/Mounting Options	Pigtail
Unit Dimensions (hwd / in.)	0.600 x 1.020 x 8.360
Unit Packaging Type	Box
Unit Weight (lbs.)	0.05
Unit Weight (kg)	0.02
Housing	Plastic
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 122°F (-15° to 50°C)



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Relative Humidity	0% to 85% RH, Non-Condensing
<b>COMMUNICATIONS</b>	
Max 1024 x 768 Range (ft)	150
Max 480P Range (ft)	155
Max 1440 x 900 Range (ft)	150
Max 1080i Range (ft)	150
Max 480i Range (ft)	155
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
<b>FEATURES &amp; SPECIFICATIONS</b>	
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
HDCP Specification	1.4
Driver Required	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

1000 Eaton Boulevard  
 Cleveland, OH 44122  
 United States  
<https://tripplite.eaton.com>

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