

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 Tripp Lite's 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

Tripp Lite's B123-001 HDMI Signal Extender increases the distance a 1080p @ 24Hz (or 1920 x 1200) signal can be transmitted beyond the recommended 16-ft. (4.88 m). It supports computer video resolutions up to 1920 x 1200, and HD resolutions up to 1080p @ 24Hz, at a maximum distance of 150-ft. (45.72 m) from the source. Use P568-Series HDMI cables in most applications. 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. (Lengths over 100-ft. (30.5 m) are available from Tripp Lite as a custom order) 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. 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 @ 24Hz (or 1920 x 1200) HDMI signal up to 150-ft. (45.72 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 @ 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. (Lengths over 100-ft. (30.5 m) are available from Tripp Lite as a custom order)
- 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
- 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   |

| <b>INPUT</b>                   |                              |
|--------------------------------|------------------------------|
| 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>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)   |
| 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>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>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   |