

# DisplayPort Hotplug Maintainer

## Display Emulator

**Emulates a DisplayPort display (sink device) by providing Hot Plug Detect (HPD) signal to the DisplayPort source device.**

- Emulates a DisplayPort display (sink device) by providing Hot Plug Detect (HPD) signal to the DisplayPort source device.
- Designed for use with KVM/video switches.
  - When the input channel is deselected, the host computer connected to that input channel via the DisplayPort Hotplug Maintainer will recognize the monitor as connected.
  - Eliminates the need to reconfigure monitor settings – keeps screen settings while switching to another computer and then back.
- Supports all source and display resolutions, including Ultra-HD 8K (7680x4320) @30Hz, 4Kx2K (4096x2160 and 3840x2160) @60Hz, 2560x1600 (WQXGA), 2560x1440p (WQHD), and HDTV 1080p @120Hz.
  - The Hotplug Maintainer is completely transparent.
- DisplayPort features supported:
  - DisplayPort v1.4
  - Multi-Stream Transport (MST)
  - 10-bit Deep Color
  - RGB, YCC 4:4:4, YCC 4:2:2
  - LPCM
  - HDR
  - High-bandwidth HBR3
    - ◆ Bandwidth up to 8.1Gbps per channel (32.4Gbps total)
- Supports headless and video pass-through operations.
- Compact design for easy installation and operation.
- No power supply – powered by video source.



**DP-HP-MNTR-SRC (Front & Back)**

- **Maintains hotplug signal between source & display.**
- **Resolves screen resetting issues when using a DP switch.**
- **Headless operation**
- **Video pass-through**
- **DisplayPort v1.4**



**Designed and  
Manufactured  
in the USA**

The DisplayPort Hotplug Maintainer emulates a DisplayPort display (sink device) by maintaining a hotplug signal between a video source and sink/display. When used with a KVM/video switch, the DP-HP-MNTR-SRC eliminates the need to reconfigure monitor settings when switching between computers.

## Specifications

### Connectors

- One male DisplayPort connector for source.
- One female DisplayPort connector for display.

### Resolutions

- Supports all source and display resolutions, including Ultra-HD 8K (7680x4320) @30Hz, 4Kx2K (4096x2160 and 3840x2160) @60Hz, 2560x1600 (WQXGA), 2560x1440p (WQHD), and HDTV 1080p @120Hz.
  - The Hotplug Maintainer is completely transparent.

### Power

- Powered by video source.

### Dimensions

- WxDxH: 1x2.45x0.5 in (25.4x62.23x12.7 mm).

### Environmental

- Operating temperature: 32 to 104°F (0 to 40°C).
- Storage temperature: -22 to 140°F (-30 to 60°C).
- Operating/storage relative humidity: 5 to 90% non-condensing RH.

### Regulatory Approvals

- CE, RoHS
- TAA compliant

### Warranty

- Two yearst

### Cables

- One 1-foot DisplayPort male-to-female cable included.
  - Use the extension cable in tight spaces or where connectors are too close together.