

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.
- Patent pending.



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**

PATENT PENDING

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.