

Headless DisplayPort EDID Emulator – CE, RoHS Compliant

EDID Emulator

Simulates the presence of an attached display to a video source

- Emulates a DisplayPort display (sink device) by providing Hot Plug Detect and EDID to the DisplayPort source device from the emulator's internal memory.
- Supports headless operation – no monitor connection required.
 - **Does not support video pass-through operation.**
- Supports Ultra-HD 4Kx2K resolutions (3840x2160 @17Hz), HDTV resolutions to 1080p @60Hz, and up to 1920x1200 @30Hz (WUXGA).
- Pre-programmed with many standard resolutions with native set to 1080p.
 - A monitor must be connected to the same source as the emulator to select resolution.
 - The selectable resolutions are dependent on the computer's graphic card.
- Easy installation and operation – no drivers or configuration.
 - Supports Plug-n-Play specification.
- Compact design.
- No power supply – powered by source.
- Ideal for remote desktop access to a headless computer, virtual desktop on VR headsets, and for use with GPGPU tasks such as cryptocurrency mining.



DP-EDID-EMLTR-HLV2

The Headless DisplayPort EDID Emulator simulates the presence of an attached display to a video source. The built-in EDID table stores and reproduces resolutions up to 3840x2160 @17Hz and 1080p at 60Hz.

Specifications

Connector

- One male DisplayPort port for source connection.
- Supported video input resolutions:
 - Ultra-HD 4Kx2K resolutions (3840x2160 @17Hz)
 - HDTV resolutions to 1080p @60Hz.
 - Up to 1920x1200 @30Hz (WUXGA).
 - The selectable resolutions are dependent on the computer's graphic card.
 - Default resolution: 1080p.

Dimensions

- WxDxH: 0.80x1.87x0.48 in (20x48x12 mm)

Power

- Powered by source.

Environmental

- Operating temperature: 14 to 140°F (-10 to 60°C).

Regulatory Approvals

- CE, RoHS, REACH

Warranty

- Two years.