



DisplayPort 1.2 EDID Emulator

No.: 32116

Emulate monitor information for maximum DP Compatibility

Description

- Continuously emulates DisplayPort EDID information
- Supports resolutions up to 3840x2160@60Hz
- Uses cloned data or, when this is not available, stored pre-set screen resolutions/timings
- Powered via DisplayPort source interface
- 2 year warranty

The Lindy DisplayPort 1.2 EDID Emulator Adapter is designed for systems that require EDID signals to be continuously provided without interruption and helps overcome EDID related problems which can occur when using AV/KVM extenders, switches and splitters. The emulator also features LED indicators to ensure a quick simple installation process and with support for resolutions up to 3840x2160@60Hz (via cloning), HDCP 1.3 and DPCP pass-through, this emulator is perfect for use with Ultra HD 4K monitors, displays and source equipment.

With a small-scale, minimalistic design, this is a handy connectivity solution for both AV and IT installers to ensure legacy and new DP equipment work seamlessly with no compromise on performance.

Some computer systems, KVM switches and digital video signage systems may interrupt the flow of EDID data, or may not be able to pass this information directly back to the video card's output port. This adapter can be used to quickly and easily clone the EDID data from a DP display so that the graphics card has direct access to the correct data from the display, the cloning process takes less than 10 seconds.

It is also possible to use the Emulator without cloning a display as it comes complete with preset EDID data for the most commonly used resolution/timing combinations, please see the Technical Information section for a full breakdown.

Technical details

Specification

- AV Interface: DisplayPort
- Interface Standard: 1.2
- Supported Bandwidth: 21.6Gbps
- Maximum Resolution: 3840x2160@60Hz 4:4:4 8Bit
- Video EDID:
 - 640 x 480p at 60Hz
 - 800 x 600p at 60Hz
 - 1024 x 768p at 60Hz
 - 1280 x 720p at 60Hz
 - 1280 x 960p at 60Hz

- 1280 x 1024p at 60Hz
- 1440 x 900p at 60Hz
- 1680 x 1050p at 60Hz
- 1920 x 1080p at 60Hz
- 1920 x 1200 at 60Hz
- 2560 x 1440p at 60Hz
- 2560 x 1600p at 60Hz
- 3840 x 2160p at 24Hz
- 3840 x 2160p at 30Hz
- 3840 x 2160 at 60Hz
- Audio EDID: LPCM 2-channel, 16/20/24 bit depths at 32/44.1/48 kHz
- HDCP Support: 1.3
- Special Features: -

Connectors

- Input: DisplayPort Male
- Output: DisplayPort Female
- Power: Via DP Source Interface

Physical Properties

- Dimensions WxDxH: 30x61.3x14mm (1.18x2.41x0.55in)
- Housing Material: ABS
- Net Weight: 0.018kg (0.04lb)
- Operating Temperature: 0°C - 50°C (32°F - 122°F)
- Storage Temperature: -20°C - 80°C (-4°F - 176°F)
- Humidity: 0 - 90% RH (non-condensing)
- Power Requirements: -
- Colour: Black

Miscellaneous

- Packaging Type: Polybag
- Packaging Dimensions: 136x138mm (5.35x5.43in)
- Gross Weight: 0.013kg (0.03lb)
- Warranty (Years): 2
- Certificated: CE, FCC, RoHS & REACH

Package Contents

- DP 1.2 EDID Emulator
- Lindy Manual

Purchasing Information

- No.: 32116
- EAN: 4002888321167