Part no:

32115

HDMI 2.0 EDID Emulator





| DESCRIPTION

- Continuously emulates HDMI EDID information
- Supports resolutions up to 3840x2160@60Hz including HDCP 2.2 pass-through and HDR
- Uses cloned data or, when this is not available, stored pre-set screen resolutions/timings
- Powered via HDMI Source Interface
- 2 Year warranty

The Lindy HDMI 2.0 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.

It can also be used in place of a monitor to keep the graphics card of a PC or Server awake for remote access via IP. With support for resolutions up to Ultra HD 4K 60Hz (via cloning) including High-Dynamic Range and with the ability to pass–through HDCP 2.2 content, the Emulator is suitable for use with the very latest PC and AV applications.

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 HDMI 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.

Specifications

- AV Interface: HDMI
- Interface Standard: 2.0
- Supported Bandwidth: 18 Gbps
- Maximum Resolution: 3840x2160@60Hz 4:4:4 8Bit / 4:2:2 12Bit
- Video EDID: 640 x 480p at 60Hz/67Hz/72Hz/75Hz; 720 x 480p at 60Hz; 720 x 480i at 60Hz
  720 x 400p at 70Hz; 720 x 576p at 60Hz; 720 x 576i at 50Hz; 800 x 600p at 56Hz/60Hz/72Hz/75Hz
  832 x 624p at 75Hz; 1024 x 768p at 60Hz/70Hz/75Hz; 1280 x 1024p at 75Hz; 1280 x 720p at 50Hz
  1152 x 870p at 75Hz; 1152 x 864p at 75Hz; 1280 x 1024p at 60Hz; 1280 x 960p at 60Hz
  1440 x 480p at 60Hz; 1440 x 576p at 50Hz; 1440 x 900p at 60Hz; 1600 x 1200p at 60Hz
  1680 x 1050p at 60Hz; 1920 x 1080p at 60Hz/50Hz; 1920 x 1080i at 60Hz/50Hz
  1920 x 1200p at 60Hz; 2560 x 1440p at 60Hz; 3840 x 2160p at 24Hz/30Hz/60Hz
- Audio EDID: LPCM 2-channel, 16/20/24 bit depths at 32/44/48/88/96/176/192 kHz
- HDCP Support: 2.2
- Special Features: High Dynamic Range Support, CEC Compatible

Connectors

- Inputs: HDMI Type A Male
- Outputs: HDMI Type A Female
- Power: Via HDMI Source Interface

Physical Properties

- Dimensions WxDxH: 24x34.3x11.8mm (0.94x1.35x0.46in)
- Housing Material: ABS
- Net Weight: 0.008kg (0.02lb)
- Operating Temperature: 0°C - 60°C (32°F - 140°F)
- Storage Temperature: -10°C - 70°C (14°F - 158°F)
- Humidity: 0 - 80% RH (non-condensing)
- Power Requirements: -
- Colour: Black

Miscellaneous

- Packaging Type: Polybag
- Warranty (Years): 2 Product
- Compliance: CE, UKCA, FCC, RoHS & REACH

Package Contents

- HDMI 2.0 EDID Emulator
- Lindy Manual