



Product Data Sheet

Lindy HDMI 2.0 EDID Emulator

Description



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.

Product	SKU
LINDY HDMI 2.0 EDID EMULATOR	LIN-32115

Key Benefits

- 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



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Technical Specification

Lindy HDMI 2.0 EDID Emulator Specification

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



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Connectors	Power Requirements: -
Input: HDMI Type A Male	Colour: Black
Output: HDMI Type A Female	Miscellaneous
Power: Via HDMI Source Interface	Packaging Type: Polybag
Physical Properties	Packaging Dimensions: 136x138mm (5.35x5.43in)
Dimensions (approx.) WxDxH: 24x34.3x11.8mm	Gross Weight: 0.013kg (0.03lb)
Housing Material: ABS	Warranty (Years): 2
Net Weight: 0.008kg (0.02lb)	Certified: CE, UKCA, FCC, RoHS & REACH
Operating Temperature: 0°C - 60°C (32°F - 140°F)	Package Contents
Storage Temperature: -10°C - 70°C (14°F - 158°F)	HDMI 4K EDID Emulator
Humidity: 0 - 80% RH (non-condensing)	Lindy Manual