



This 4K UHD HDMI EDID Emulator is designed to manage and manipulate the EDID information provided to a connected HDMI source device. EDID contains critical information about the capabilities of the connected display, including audio and video format support, HDMI feature support, etc. and this unit aims to simplify the technical complications that often arise when performing video system integration, home theater installation, display room setup, or audio/video equipment testing. This unit provides the ability to not only select between the display's native EDID and pre-made EDIDs, but it also allows the user to copy EDIDs from other displays and use them, or to create their own customized EDID using the PC-based EDID management software.

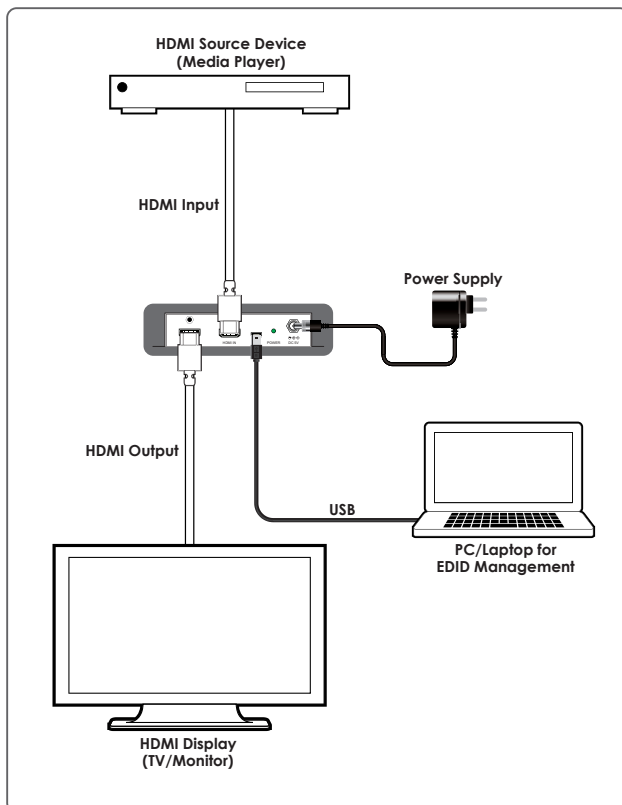
PANELS



Front View

Rear View

DIAGRAM



FEATURES

- HDMI input and output with 18Gbps (600MHz) 4K UHD support
- DVI 1.0 compliant with the use of an HDMI-DVI adaptor
- Supports HD resolutions up to 3840×2160@60Hz (4:4:4, 8-bit) & 4096×2160@60Hz (4:4:4, 8-bit)
- Supports 48-bit Deep Color up to 1080p@60Hz
- Supports pass-through of LPCM 2.0/5.1/7.1, Bitstream, and HD Bitstream audio formats
- Supports CEC pass-through
 - Supports four distinct EDID functions: Read and copy the connected display's EDID into the unit
 - Write: Overwrite connected display's EDID (only available on displays which explicitly support the overwrite function)
 - Emulation: The HDMI input device reads the EDID stored within the unit (built-in, learned, or created)
 - Bypass: The HDMI input device reads the EDID directly from the connected display
- 8 built-in standard EDIDs, 8 slots for user-created or learned EDIDs, and EDID bypass support
 - PC-based EDID management tool support

SPECIFICATIONS

Interfaces

Input Port	1 x HDMI
Output Port	1 x HDMI
Control I/O	1 x USB Mini-B

Video

HDMI Compliance	2.0
HDCP Compliance	2.2
Input Signal Type	4K@60 8bit YUV 4:4:4
Output Signal Type	4K@60 8bit YUV 4:4:4
Maximum Input	4096×2160@60 YUV 4:4:4
Maximum Output	4096×2160@60 YUV 4:4:4

Audio

HDMI	LPCM, bitstream
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Power

Power Supply	5V/2.6A DC (US/EU standards, CE/FCC/UL certified)
Power Consumption	2.8W

Enclosure

Chassis Material	Metal
Chassis Color	Black
Dimensions (W×H×D)	110mm×25mm×75mm (W×H×D) [Case Only] 128mm×25mm×83mm (W×H×D) [All Inclusive]
Weight	268g

Field Firmware Update

PC Update, WebGUI

ORDERING INFORMATION

Model No.	Product Description
CED-2M	UHD+ EDID Manager