CED-1M

The HDMI EDID Emulator is designed to allow the adjustment of HDMI/DVI EDID information that is provided to a source device by a connected display so that it can output the correct video/audio signal. Aiming to simplify the technical complications involved in video/audio system integration, home theater installation, video/audio equipment testing and experimentation, the unit's learning function allows the user to Read and Write the video/audio EDID to the system. It also supports EDID Emulation and Bypass modes.
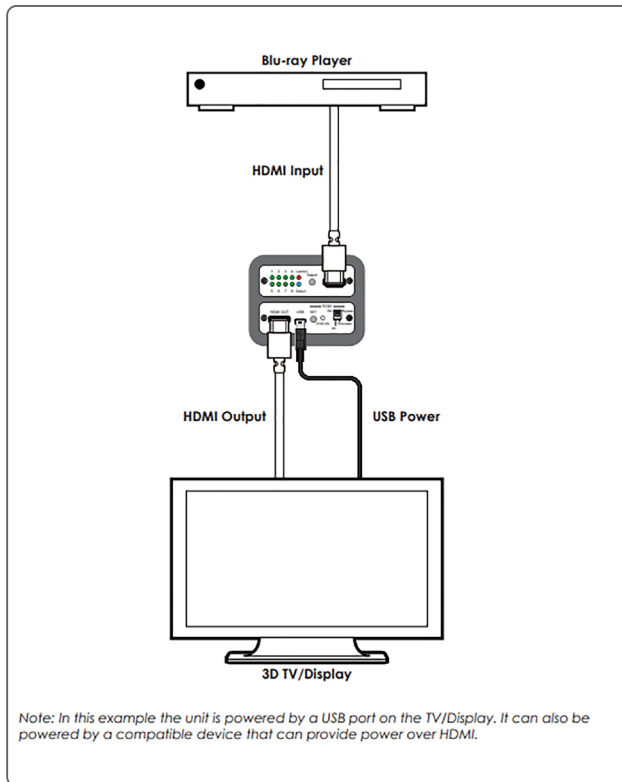
PANELS

Front View

Rear View

DIAGRAM

Note: In this example the unit is powered by a USB port on the TV/Display. It can also be powered by a compatible device that can provide power over HDMI.

FEATURES

- Supports the following HDMI features:
  - -- High video bandwidth up to 300MHz/9Gbps
  - -- Resolutions up to 1080p@60Hz and 4K×2K@24/25/30Hz
  - -- 12-bit Deep Color
  - -- LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio (Sampling rates from 32kHz to 192kHz)
- Supports four different EDID functions:
  - -- Read: Reads the TV/display's EDID information
  - -- Write: Overwrites the TV/display's EDID information (TV/display needs to support overwrite function)
  - -- Emulator: Allows the source device to read the selected EDID information from the unit's Default or Learned EDID memory
  - -- Bypass: Allows the source device to read the EDID information directly from the TV/display
- Supports up to 8 sets of default EDID settings
- Supports DVI sources by using a HDMI to DVI adaptor
- Supports CEC and EDID pass-through
- Supports being powered by USB or compatible HDMI input

SPECIFICATIONS

Interfaces

Input Port	1×HDMI 1×Mini-USB (Power only)
Output Port	1×HDMI

Video

HDMI Compliance	HDMI 1.3 (DVI 1.0)	
HDCP Compliance	HDCP 1.4	
Input Signal Type	1080p60 12-bit	
Output Signal Type	1080p60 12-bit	
		Resolutions
Maximum Input	HDMI	1920×1080p@60 1920×1200p@60RB
Maximum Output	HDMI	1920×1080p@60 1920×1200p@60RBUSB

Power

USB Power	5V/500mA
Power Consumption	2.5W

Enclosure

Chassis Material	Metal
Chassis Color	Black
Dimensions (W×H×D)	71mm × 23mm × 65mm [Case Only] 71mm × 23mm × 71mm [All Inclusive]
Weight	108g

Field Firmware Update

USB

ORDERING INFORMATION

Model No.	Product Description
CED-1M	HDMI EDID Emulator