RE-EDID-4K22

HDMI Full 4K EDID Manager with HDCP Modes & Downscaler



The RE-EDID-4K22 is designed to manage and manipulate the HDMI/DVI EDID information provided to a HDMI source device by a connected display. EDID contains critical information about the capabilities of the connected display, including audio and video format support, HDMI feature support, etc. This product aims to simplify the technical complications that often arise when performing video system integration, home cinema installation, integrating commercial displays or audio/video equipment testing. It also supports EDID Emulation and Bypass modes. This device is perfect to overcome source and screen compatibility issues, particularly when integrating PC's into an AV system.

PANELS

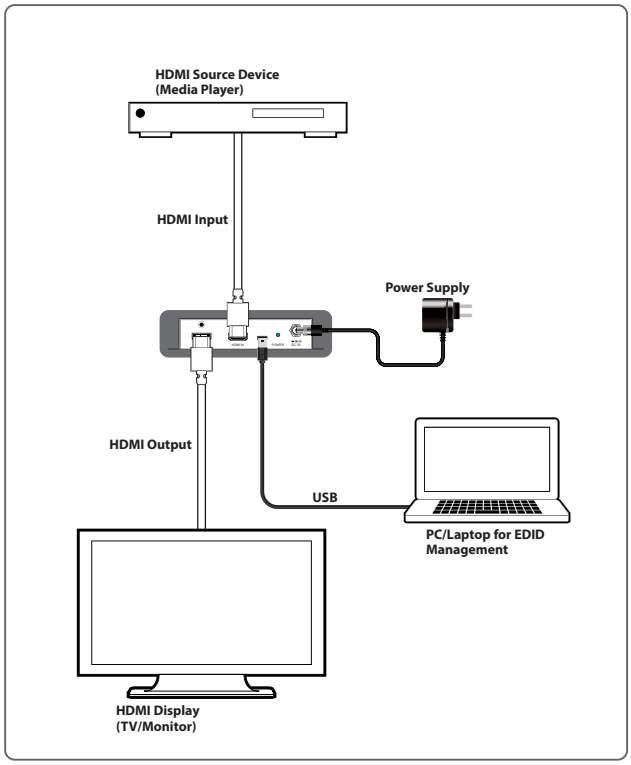


Front View



Rear View

DIAGRAM



FEATURES

- HDMI input and output with 18Gbps (6G) 4K UHD support
- HDCP 1.4 and 2.2 compliant
- 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 Colour up to 1080p@60Hz
- Supports Four different EDID modes : Read / Write / Emulate / Bypass modes
- Read Mode : Reads the TV/display's EDID information
- Write Mode : Overwrites the TV/display's EDID information (TV/display needs to be able to support overwrite function)
- 8 unique sets of EDID settings may be stored via the learning procedure.
- Emulator Mode : Allows the source device to read the selected EDID information from the unit's default or learnt EDID memory
- Bypass Mode : Allows the source device to read the EDID information from the TV/display directly
- Supports DVI sources when used with a DVI to HDMI adaptor (not supplied)
- Supports CEC functionality

SPECIFICATIONS

Interfaces

Input Port	1x HDMI [1x HDMI Uncompressed AV and Data]
Output Port	1x HDMI [1x HDMI Uncompressed AV and Data]
Control I/O	1x USB 3 Type B [1x Service and PC port Power & Data]

Video

HDMI Compliance	2.0	
HDCP Compliance	2.x	
Input Signal Type	4096x2160p@60 8bit YUV 4:4:4	
Output Signal Type	4096x2160p@60 8bit YUV 4:4:4	
		Resolutions
Maximum Input	HDMI	4096×2160@60 YUV 4:4:4
Maximum Output	HDMI	4096×2160@60 YUV 4:4:4

Audio

HDMI	LPCM, bitstream

Power

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

Enclosure

Chassis Material	Metal
Chassis Colour	Black
Dimensions (W×H×D)	110mm×25mm×75mm (W×H×D) [Case Only] 128mm×25mm×83mm (W×H×D) [All Inclusive]
Weight	280g

Field Firmware Update

PC Update, WebGUI

ORDERING INFORMATION

Model No.	Product Description
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