SM-EHD

HDMI EDID EMULATOR



FEATURES

- Designed to emulate and store the EDID of a video display
- HDMI 1.3 / 1.4 / 2.0 Compliant
- Supports HDTV resolution up to 4Kx2K@60Hz
- Supports Learning and Emulation mode
- HDMI (3D, Deep Color, CEC), HDCP compatible
- Supports Dolby, True HD and DTS HD Master Audio
- Built-in LEDs indicator to easily identify the EDID mode
- Include default resolution at 1080p
- Powered from HDMI source device without self-power

OVERVIEW

The SM-EHD EDID Emulator is designed to help overcome EDID related issues that occur when using ProAV devices and KVM Switches, Extenders, and splitters.

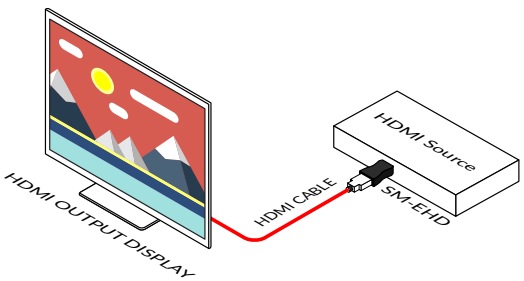
APPLICATION DIAGRAM

Learning step:

1. First to have HDMI emulator plug connects PC/NB or HDMI source, then HDMI receptacle connects HDMI cable to display device.
2. Unplug with HDMI cable from emulator, then LED (blue) will flash.
3. Plug HDMI cable to HDMI emulator within 10 seconds, it will be on learning mode.
4. The Green and Blue LED solid light on simultaneously which means learning HDMI EDID is successful.

Note:

1. If the HDMI emulator EDID needs to return to default EDID (1080p).The learning step 3 HDMI cable plug in HDMI emulator over 10 seconds or not plug in HDMI cable, the HDMI emulator learning will be failed and LEDs turn off. The HDMI emulator needs unplug/plug.
2. If HDMI emulator doesn't need in learning mode, it is a must to unplug HDMI emulator from PC/NB or HDMI source at the same time.



TAA Compliant

TECHNICAL SPECIFICATIONS

VIDEO	
Format	HDMI 2.0
Maximum Pixel Clock	275 MHz
Input Interface	HDMI (male)
Output Interface	HDMI (female)
Resolution	Up to 3840 x 2160 @ 30 Hz
DDC	via AUX
Input Equalization	Automatic
Input Cable Length	Up to 15 ft.
Output Cable Length	Up to 15 ft.
OTHER	
Dimensions	1.5" x .75" x .33"
Weight	.5 oz
Approvals	UL, CE, ROHS Compliant
Environmental Operating Temperature	+32 to +104°F (0 to +40°C)
Environmental Operating Humidity	20% to 80% (non condensing)
Storage Temperature	-4 to 140°F (-20 to +60°C)
Storage Humidity	Up to 95% (No Condensation)
Compliance EMC	FCC (Class A), CE (Class A), ICES-003
Environmental Compliance	RoHS2 (CE)
Support Warranty	1-year

PART NO.	DESCRIPTION
SM-EHD-S	HDMI EDID Emulator. Includes: [SM-EHD]

Smart-AVI