SM-EDP

DISPLAYPORT EDID EMULATOR

FEATURES

- Designed to emulate and store the EDID of a video display
- DisplayPort 1.1 / 1.2 Complient
- Supports HDTV resolution up to 4Kx2K@60Hz
- Supports Learning and Emulation mode
- Slide switch designed to select Default (EDID) or Emulation (COPY)

- LEDs indicator built-in to easily identify the EDID mode
- Include default resolution at 1080p
- Powered from DisplayPort source device without self-power required

OVERVIEW

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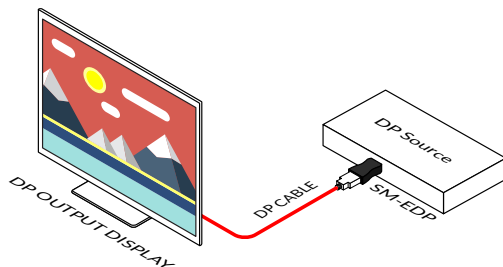
APPLICATION DIAGRAM

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

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

TECHNICAL SPECIFICATIONS

VIDEO	
Format	DisplayPort 1.1 and 1.2
Maximum Pixel Clock	275 MHz
Input Interface	DisplayPort (male)
Output Interface	DisplayPort (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	2.8" x 1" x .33"
Weight	.7 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-EDP-S	DP EDID Emulator. Includes: [SM-EDP]

TAA Compliant

Smart-AVI