

PCV-EPD

EDID-EDITOR-PROGRAM DEVICE



PCV-EPD

DESCRIPTION

The PCV-EPD which word wide first design can real time Editor EDID parameter EDID and also support EDID Simulator function Equipment and then Support re-write new editor EDID data into PCV-ESDII emulator Device, Delicate designed don't need to have external power, connect between GPU and Display Monitor, parameter editor AI error prevention Provide active real time Editor any Ratio of Display Parameter and real time generate EDID direct to GPU Device then Output to Display Monitor see results instantly

The PCV-EPD is active equipment a self-powered include work OS, provide, 4-line OLED display screen with 3 buttons for function selector, that can be inserted onto any HDMI or DVI cable, Real time Editor EDID Parameter, 100% Follow VESA Standard and support on any GPU Device and OS.

EDID refers to a block of information that is passed from the far end of your signal chain, normally the display, to the first device or source. This EDID contains critical information about the capabilities of the connected display, including audio and video format support, HDMI or DVI feature support, etc.

This device allows re-program New EDID Display Resolution by PCV-EPD device, Quick define just 1 second finished new EDID Write to PCV-ESDII.

The PCV-EPD include 68 Pre-Install EDID table and support store 4 favorite EDID in mode table, quick select or create new one direct to use or re-write to PCV-ESDII Device.

This will reduce troubleshooting the technical complications that often arise when performing

video system integration or when left in place, better then GPU Driver Provide force EDID software function, the PCV-EPD provide force EDID identify of the GPU Device from system boot up.

SPECIFICATIONS

- DVI-I / HDMI Type A Male Connect to GPU Device
- DVI-I / HDMI Type A Female Connect to Display Monitor
- 4 Line OLED Display with function button x3 Easy to use
- Embedded AI EDID Editor / Programming operate system
- Support VESA EDID Standard
- Support over Million times of EDID write to PCV- ESDII Device

FEATURES

- Active inline device – No external power needed
- DVI-I / HDMI Male provides EDID to GPU Device and Output Display Data to Display Monitor on DVI-I / HDMI Female
- Quick parameter editor provides AI error prevention real time Editor any Ratio of Display Parameter and real time generate EDID direct to GPU Device and software Hot Pluggable then Output to Display Monitor see results instantly
- Support OLED screen Rotation for Left/Right-Handed
- Emulator DVI-D DVI-A and HDMI with Audio protocol
- Support Direct copy or Direct use EDID from any Display Monitor and store 4 favorite EDID into mode table or Write to PCV-ESDII Device
- Supports HDMI 1.3/1.4/2.0 Max Pixel CLK up to 600Mhz
- Embedded 7 Pixel Pack format Medical Display Modes
- Max Editor Range of Display Resolution Horizontal 640~4096 x Vertical 480~4096, Vertical Re-fresh rate 30Hz up to 240Hz

PC Vision Technology Limited.

2nd Floor, No.162 Xizang Road, Wanhua District, Taipei City 108

Phone: +886-02-23020330

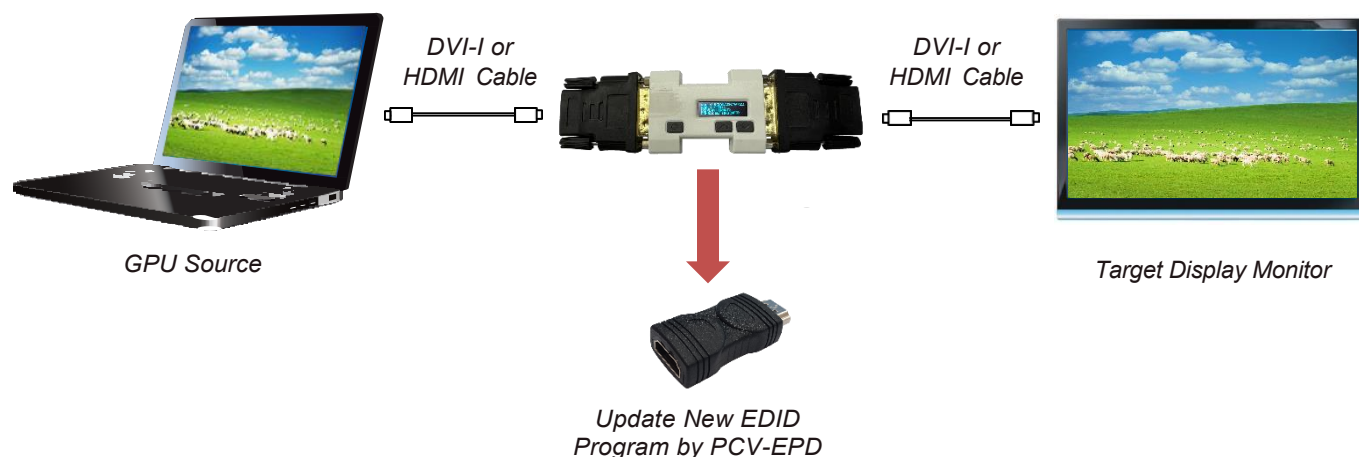
Web: www.pcvision.com · E-mail: samwang@pcvision.com.tw

PRE-INSTALLED EDID

1. Plug PCV-EPD device to GPU by DVI or HDMI Port enter to OS
2. Go to Mode Option for Quick select Display Mode or Editor of EDID
3. Choose Run Display EDID Table on Emulator Mode or save to favorite mode table or Buring EDID to PCV-ESDII Device

	Single Link Mode Pixel CLK below 165MHz	Dual Link Mode Pixel CLK below 600MHz
(1)	640x480/640x960/640x1440@60Hz	1600x1800/1280x2048/1400x2100@60Hz
(2)	800x600/800x1200/800x1800@60Hz	1440x2100/1680x2100/1920x2160@60Hz
(3)	1024x768/1024x1536@60Hz	1024x2304/1280x2304/1360x2304@60Hz
(4)	1280x480/1280x768/1280x800@60Hz	1360x2304/1280x2400/1600x2400@60Hz
(5)	1280x1024/1280x1536/1280x1600@60Hz	1920x2400/1440x2700/1600x2700@60Hz
(6)	1360x768/1366x768/1400x1050@60Hz	1280x3072/1400x3150/1440x3150@60Hz
(7)	1440x900/1440x1050@60Hz	1920x1440/2560x1024/2560x1200@60Hz
(8)	1600x600/1600x900/1600x1200@60Hz	2560x1440/2560x1600@60Hz
(9)	1680x1050@60Hz	2800x1050/2880x900/2880x1050@60Hz
(A)	1920x480/1920x1080/1920x1200@60Hz	3200x900/3200x1200/3360x1050@60Hz
(B)	2048x768/2400x600@60Hz	3840x800/3840x768/3840x1080@60Hz
(C)	2560x768/2560x800@60Hz	3840x1024/3840x1200@60Hz
(D)	2720x768/2732x768/3072x768@60Hz	3840x2160@60Hz
<i>Editor Mode Parameter Support Range Description</i>		
	Horizontal Active Display: 640~4095	Vertical Active Display: 480~4095
	Horizontal Blanking: 40~800 Default: 280	Vertical Blanking: 10~150 Default: 38
	Horizontal Front Porch: 10~200 Default: 30	Vertical Front Porch: 3~15 Default: 6
	Horizontal SYNC width: 10~200 Default: 30	Vertical SYNC width: 3~15 Default: 6
	Vertical Refresh Rate: 30Hz~240Hz Default: 60Hz	
	Horizontal/ Vertical SYNC Polarity: NN (- -) NP (- +) PN (+ -) PP (+ +)	

Insert to GPU in the System Provide EDID and real time Display on Monitor



PC Vision Technology Limited.

2nd Floor, No.162 Xizang Road, Wanhua District, Taipei
City 108

Phone: +886-02-23020330

Web: www.pcvision.com · E-mail: samwang@pcvision.com.tw