Simply Better Connections

True 4K HDMI EDID Emulator Adapter
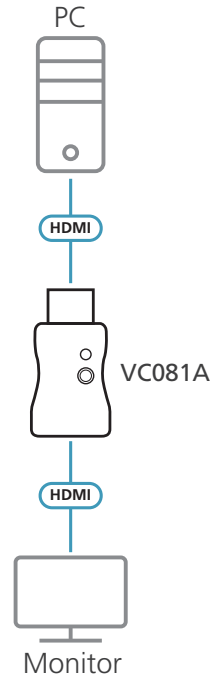
VC081A

As a True 4K HDMI EDID Emulator Adapter , the VC081A is designed to emulate and store one set of the EDID from the connected display while facilitating 4K video transmission. By learning the EDID from the HDMI display and relaying it to the video source, the VC081A helps to eliminate video communication problems that occur due to the EDID data synchronization failure between the HDMI video source and the connected display.

The VC081A contains a unique "Learn Button Switch" to allow EDID to be effectively learned and saved. Once the EDID is learned, the VC081A can be used to keep a PC or server awake from a remote location over IP instead of the monitor. The VC081A is an ideal device for avoiding blank or blink display issues led by communication errors between sources and displays when integrating a Pro AV system.

PC

HDMI

VC081A

HDMI

Monitor

Features

- Manages EDID communication between connected devices
- Effectively learns and saves the EDID from the connected HDMI display via single pushbutton and relays it to the video source
- HDMI (3D, Deep Color, True 4K); HDCP 2.2 compliant
- Supports superior video quality up to 4096 x 2160 / 3840 x 2160 @ 60 Hz (4:4:4) via EDID Learning Mode
- LED indicators to show learning status
- Powered by HDMI source
- Compact and lightweight design

Specifications

	VC081A
Switches	
Mode Switch	EDID Learning (Button Switch x1)
LEDs	
Status	Learning (Blue x 1)
Video Input	
Interfaces	1 x HDMI Type A Male (Black)
Impedance	100 Ω
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Video	
Compliance	HDMI (3D, Deep Color, True 4K) HDCP 2.2 Compatible Consumer Electronic Control (CEC)
Max. Resolution	Default: 1080p @ 60 Hz EDID Learning Mode: 4096 x 2160 / 3840 x 2160 @ 60 Hz (4:4:4)
EDID Settings	EDID Mode: Default / Learning
Connectors	
Power	Bus-powered (5V DC from the source device)
Power Consumption	5V DC:0.1W
Environmental	
Operating Temperature	0 – 50 ℃
Storage Temperature	-20 – 60 ℃
Humidity	0 – 80% RH, Non-Condensing
Physical Properties	
Housing	Plastic
Weight	0.08 kg
Dimensions (L x W x H)	4.40 x 2.40 x 1.18 cm

Product information is subject to change without prior notice.