Simply Better Connections

VC081

True 4K HDMI EDID Emulator

The VC081 True 4K HDMI EDID Emulator is designed to overcome EDID related problems which can occur when used with AV or KVM extenders, switches, and splitters. By learning the EDID from the HDMI display and relaying it to the video source, the VC081 can effectively resolve video communication problems that occur when EDID data between the HDMI video source and display are not correctly synchronized. Moreover, after the display's EDID is learned, the VC081 can be used in place of a monitor to keep a PC or Server awake for remote access via IP.

For product application, the VC081 is an ideal tool for wiring installation in traffic stations and commercial centers.

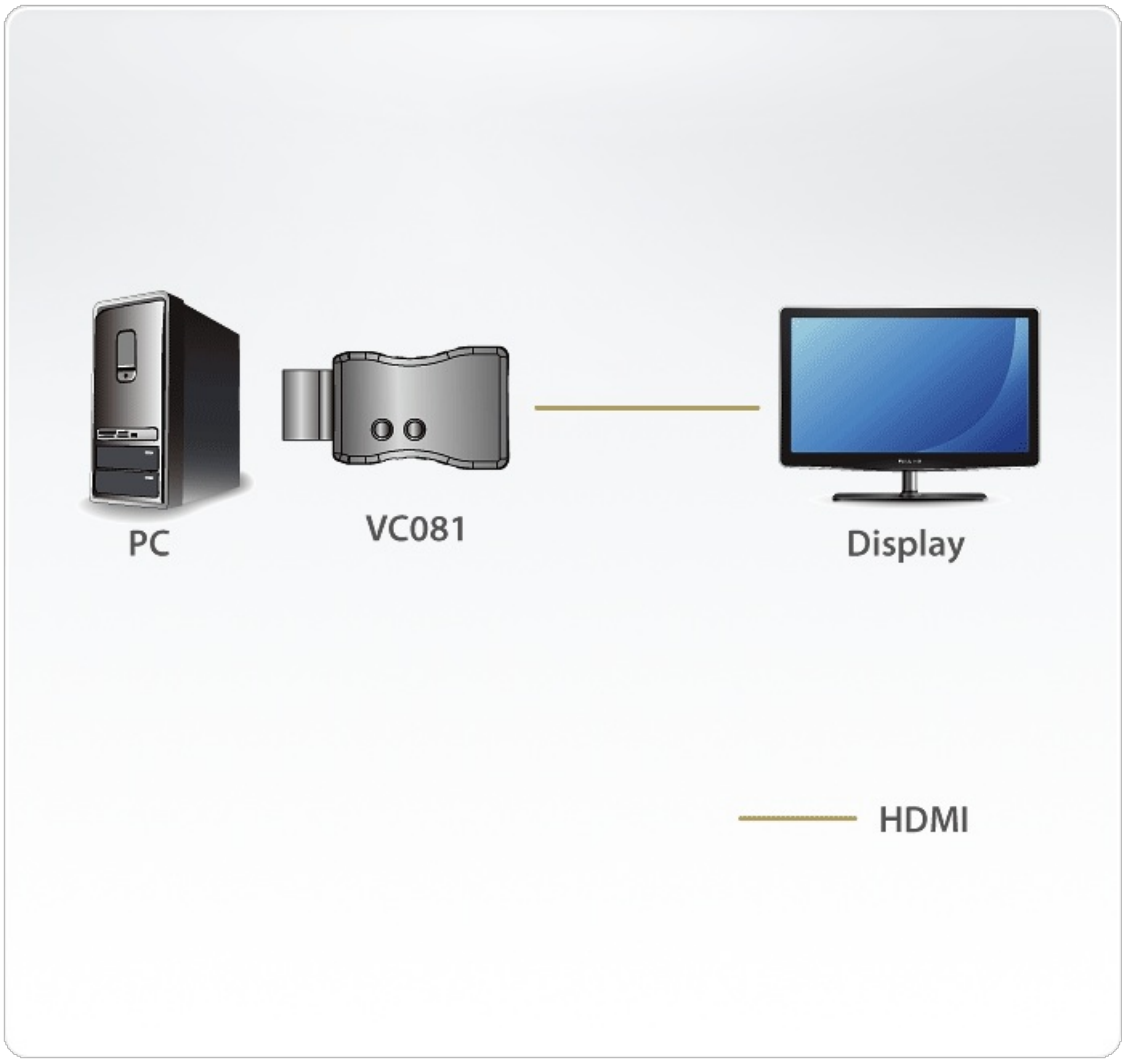
Features

- Manages EDID communication between connected devices
- Effectively learn the EDID from the HDMI display and relay it to the video source
- HDMI 2.0 (3D, Deep Color, True 4K); HDCP 2.2 compliant
- Superior video quality – up to True 4K (3840 x 2160 @ 60Hz 4:4:4)
- LED indicators to show device status
- Powered by HDMI source
- Compact and lightweight design

Specifications

LEDs	
Power	Power status (Green x 1)
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 2.0 (3D, Deep Color) HDCP 2.2 Compatible Consumer Electronic Control (CEC)
EDID Settings	EDID Mode: Default / Learning
Connectors	
Power	Bus-powered (5 VDC from source device)
Power Consumption	DC5V:0.1W:0.4BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0 - 50 ºC
Storage Temperature	-20 - 60 ºC
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Plastic (ABS)
Weight	0.08 kg (0.18 lb)
Dimensions (L x W x H)	4.40 x 2.40 x 1.18 cm (1.73 x 0.94 x 0.46 in.)
Carton Lot	20 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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