

## VC080

4K HDMI EDID Emulator with Programmer



The ATEN VC080 is a HDMI [EDID Emulator](#), which is designed to emulate and store the [EDID](#) of a video display, providing constant and reliable [EDID](#) data for the a HDMI source device to efficiently optimize video resolution.

The ATEN HDMI [EDID Emulator](#) is a convenient tool that ensures smooth viewing experience for any video installation. The [EDID Emulator](#) provides three flexible methods for selecting and switching between [EDID](#) Modes: Default Mode, Programming Mode, and Learning Mode. It comes with an easy-to-use [EDID](#) Wizard that allows users to quickly view, store and manage [EDID](#) settings.



### Features

- Superior video quality – HDTV resolutions of 480i, 480p, 720i, 720p, 1080i, 1080p (1920 x 1080); VGA, SVGA, XGA, SXGA, UXGA and WUXGA (1920 x 1200)
- [EDID Wizard](#) – allows a user an easy way to manage [EDID](#) settings
- Consumer Electronics Control (CEC) allows interconnected HDMI devices to communicate and respond to one remote control
- [EDID mode selection](#) – Default, Learning , Programming
- HDMI (3D, Deep Color), [HDCP](#) compatible
- Supports Dolby True HD and DTS HD Master Audio
- Automatically manages [EDID](#) communication between connected devices
- Signaling rates up to 2.25 Gbits in support of 1080p display
- LED indication of video source devices
- Supports wide screen
- Supports hot-plugging
- Non-Powered \*

\* If the video source is not receiving enough power an external power cord should be connected.

## Specifications

Max. Video Resolution	4096*2160@30Hz (4:4:4) 3840*2160@30Hz (4:4:4)
Data Rate	10.2 Gbps
Video Input	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 $\Omega$
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 $\Omega$
Video	
Compliance	HDMI 1.4 (3D, Deep Color) HDCP Compatible Consumer Electronic Control (CEC)
Audio	
Output	1 x HDMI Type A Female (Black)
EDID Settings	EDID Mode: Default / Learn / Customized (EDID Wizard support)
Connectors	
Power	1 x DC Jack
Power Consumption	DC5V:0.17W:1BTU
Environmental	
Operating Temperature	0 - 50 $^{\circ}\text{C}$
Storage Temperature	-20 - 60 $^{\circ}\text{C}$
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.15 kg ( 0.33 lb )
Dimensions (L x W x H)	7.90 x 7.76 x 2.45 cm (3.11 x 3.06 x 0.96 in.)
Carton Lot	5 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

**Diagram*****ATEN International Co., Ltd.***

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan

Phone: 886-2-8692-6789 Fax: 886-2-8692-6767

www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.  
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.  
All rights reserved. All other trademarks are the property of their  
respective owners.