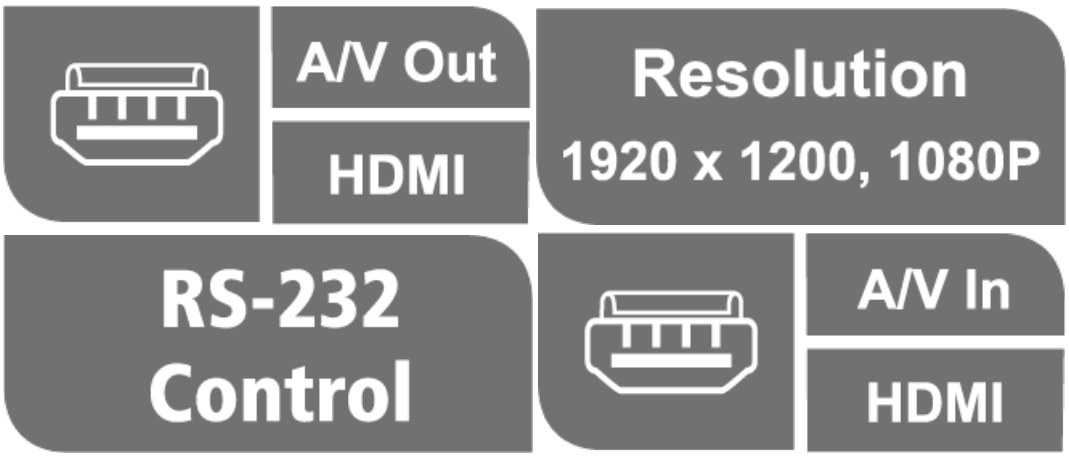
Simply Better Connections

VC010

VGA EDID Emulator with Programmer

The ATEN VC010 is a VGA EDID Emulator, which is designed to emulate and store the EDID of a video display, providing constant and reliable EDID data for the a VGA source device to efficiently optimize video resolution.

The ATEN VGA 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
- EDID mode selection – Default, Learning , Programming
- 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

Data Rate	2.25 Gbits
Max. Video Resolution	WUXGA (1920 x 1200)
Video Input	
Interfaces	1 x HDB-15 Female (Blue)
Impedance	75 Ω
Video Output	
Interfaces	1 x HDB-15 Female (Blue)
Impedance	75 Ω
EDID Settings	EDID Mode: Default / Learn / Customized (EDID Wizard support)
Connectors	
Power	1 x DC Jack
Power Consumption	DC5V:0.11W:1BTU/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	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

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