

VM0808

8x8 VGA/Audio Matrix Switch



The ATEN [VanCryst](#) VM0808 8x8 [Video Matrix](#) Switch allows you to connect eight VGA source devices to eight VGA monitors, displays, or projectors at the same time. It's steadfast unique features include: Ultra-high bandwidth, EDID mode selection for high compatibility, long signal range, easy source/display switching, matrix connections, Power On Detection for source/display loss prevention.

As a Matrix Switch, each input can be independently connected to any or all outputs, and the audio and video inputs from each source device can also be switched independently, giving you the ultimate in flexibility and control in any multi-display audio/video installation.

Features

- Connects any of 8 VGA Video+Audio inputs to any of 8 VGA Video+ Audio outputs
- Long signal range – supports up to 30 meters
- Easily switch between multiple sources and multiple displays
- Easy Operation:
 1. Front panel LCD display, Tuner Dials and pushbuttons
 2. Profile pushbutton for fast switching
 3. RS-232 Serial controller *
 4. IR Remote Control
- Superior video quality – up to 1920 x 1440; VGA, SVGA, SXGA, UXGA, and WUXGA (1920 x 1200)
- [Features EDID expert technology to set up different video configurations via different EDID modes](#)
- [Supports up to 500 MHz bandwidth](#)
- Supports stereo audio
- Independent switching of audio and video sources – each input can be independently connected to any or all outputs for flexibility
- Power On Detection – If one of the video sources is powered off the VM0808 automatically switches to the next powered-on source
- Cascade additional VM0808 units up to three levels
- Rack Mountable
- All metal casing

* Note: The VM0808 AP and GUI operation instructions can be downloaded from the ATEN website (www.aten.com)

Specifications

Video Input	
Interfaces	8 x HDB-15 Male (Blue)
Impedance	75 Ω
Max. Distance	1.8 m

Video Output	
Interfaces	8 x HDB-15 Female (Blue)
Impedance	75 Ω
Max. Distance	30 m
Video	
Max. Bandwidth	500 MHz
Max. Resolution	Up to 1920 x 1440
Max. Distance	Up to 30 m
Audio	
Input	8 x Mini Stereo Jack Female (Green)
Output	8 x Mini Stereo Jack Female (Green)
Control	
RS-232	Connector: 1 x DB-9 Female (Black) Baud rate and protocol: Baud Rate: 19200, Data Bits: 8, Stop Bits:1, Parity: No, Flow Control: No
IR	1 x Mini Stereo Jack Female (Black)
EDID Settings	EDID Mode: Default / Port1 / Remix / Auto
Connectors	
Power	1 x 3-Prong AC Socket
Power Consumption	AC110V:9.2W:43BTU/h AC220V:8.7W:41BTU/h Note: <ul style="list-style-type: none"> ● 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°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	2.48 kg (5.46 lb)
Dimensions (L x W x H)	43.72 x 16.78 x 4.40 cm (17.21 x 6.61 x 1.73 in.)
Carton Lot	1 pc

Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.
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Diagram



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