

VM0404

4x4 VGA/Audio Matrix Switch



VM0404 4x4 [Video Matrix](#) Switch connecting four VGA source devices to four VGA monitors, displays, or projectors at the same time. It's steadfast unique features include: EDID mode selection for high compatibility, long signal range, easy source/display switching, matrix connections.

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 four VGA Video + Audio inputs to any of four VGA Video + Audio outputs
- Long distance transmission – up to 30m
- Easily switch between multiple sources and multiple displays
- Easy Operation:
 - Front panel pushbuttons
 - RS-232 serial controller
- Superior video quality – up to 1920 x 1440; VGA, SVGA, XGA, SXGA, UXGA, and WUXGA (1920 x 1200)
- Supports up to 300 MHz bandwidth for high performance video
- EDID Expert – selects the optimum EDID settings for smooth power-up and highest quality display
- Built-in bi-directional RS-232 serial port for high-end system control*
- Independent switching of audio and video sources – each input can be independently connected to any or all outputs for flexibility
- Rack Mountable
- All-metal casing

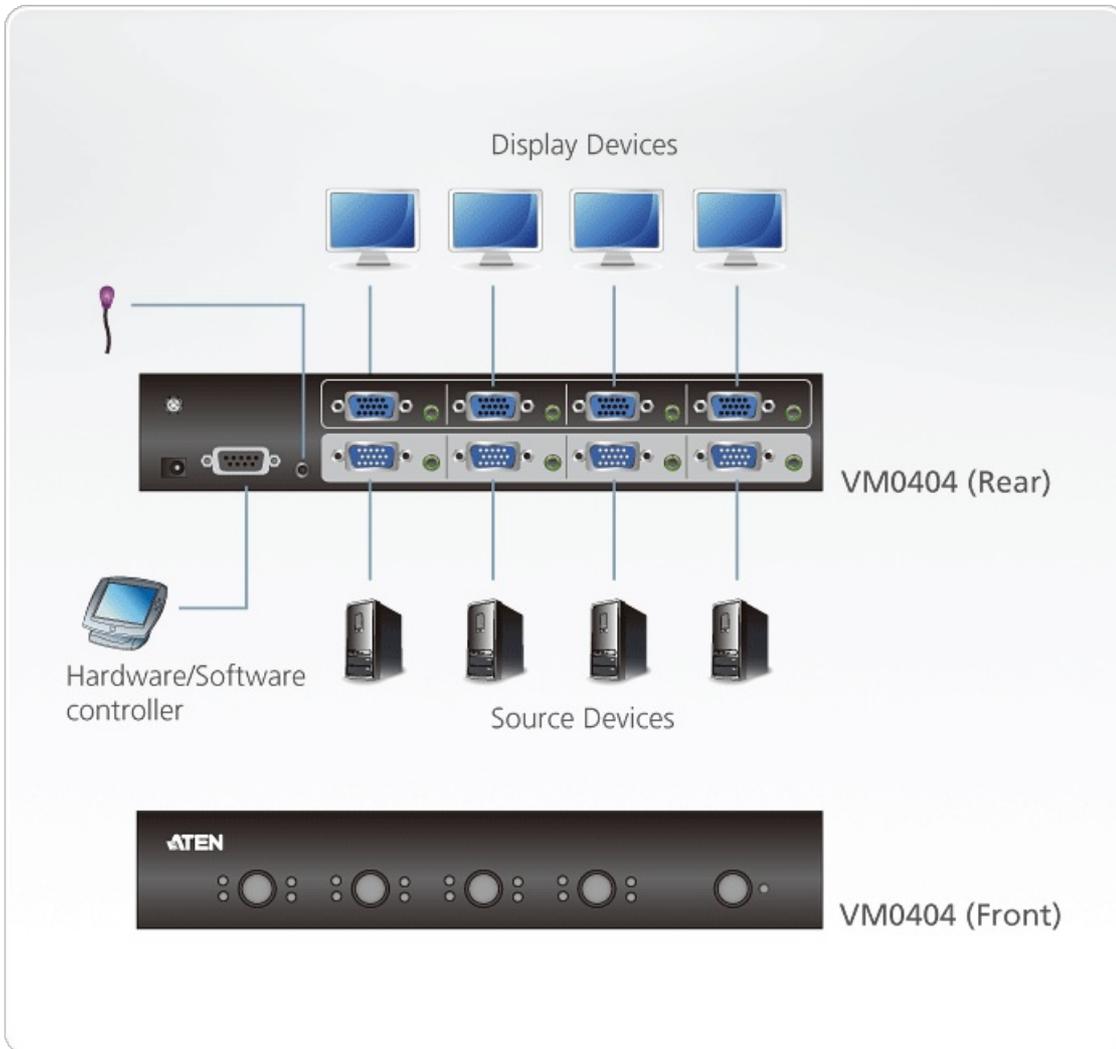
* Note: The VM0404 AP and GUI operation instructions can be downloaded from the ATEN website (www.aten.com)

Specifications

Video Input	
Interfaces	4 x HDB-15 Male (Blue)
Impedance	75 Ω
Max. Distance	1.8 m
Video Output	
Interfaces	4 x HDB-15 Female (Blue)
Impedance	75 Ω
Max. Distance	30 m

Video	
Max. Bandwidth	300 MHz
Max. Resolution	Up to 1920 x 1440
Max. Distance	Up to 30 m
Audio	
Input	4 x Mini Stereo Jack Female (Green)
Output	4 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 DC Jack (Black)
Power Consumption	DC5V:2.54W:12BTU/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	0.87 kg (1.92 lb)
Dimensions (L x W x H)	26.00 x 7.61 x 4.40 cm (10.24 x 3 x 1.73 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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