Simply Better Connections

VM0808T

8x8 Cat 5 VGA/Audio Matrix Switch

The ATEN VM0808T 8x8 Cat 5 A/V Matrix Switch is a versatile audio/video over Cat 5 + serial solution that offers an easy and affordable way to route any of 8 audio/video sources to any of 8 displays, in combination with the ATEN VE500 A/V Over Cat 5 Extender system.

With eight Cat 5 A/V input ports, the VM0808T allows you to connect eight source devices (via eight VE500T transmitters) to eight monitors, displays, or projectors (via eight VE500R / VE500RQ receivers) at the same time. In addition to the eight Cat 5 connections, the unit is also enabled with local audio/video inputs/outputs so that an extra source device and monitor located in the same rack as the VM0808T can function as a further transmitter and receiver.

Compatible Receiver Units:
ATEN VE500T A/V Over Cat 5 Transmitter
ATEN VE500R A/V Over Cat 5 Receiver
ATEN VE500RQ A/V Over Cat 5 Receiver with Deskew

Features

- Connects any of 8 Cat 5 A/V inputs to any of 8 Cat 5 A/V outputs in combination with ATEN VE500 A/V Over Cat 5 Extender system
- Long signal range – supports up to 1000ft between VE500T transmitters and VE500R / VE500RQ receivers
- Easily switch between multiple sources and multiple displays
- Local Operation:
  - Front panel LCD display and pushbuttons:
  - Serial controller
- Remote Operation:
  - Browser-based Graphical User Interface (GUI)
  - Telnet
- Supports additional local input and local display – provides an extra input / output source
- Supports Video Quality – up to 1920 x 1200@60Hz; DDC2B
- Supports stereo and balanced audio
- Automatic and adjustable video and audio quality
- Independent switching of audio and video sources – any audio source can be connected to any video source for output flexibility
- Firmware upgradeable
- Rack Mountable

* Note: The VM0808T AP and GUI operation instructions can be downloaded from the ATEN website (www.aten.com)

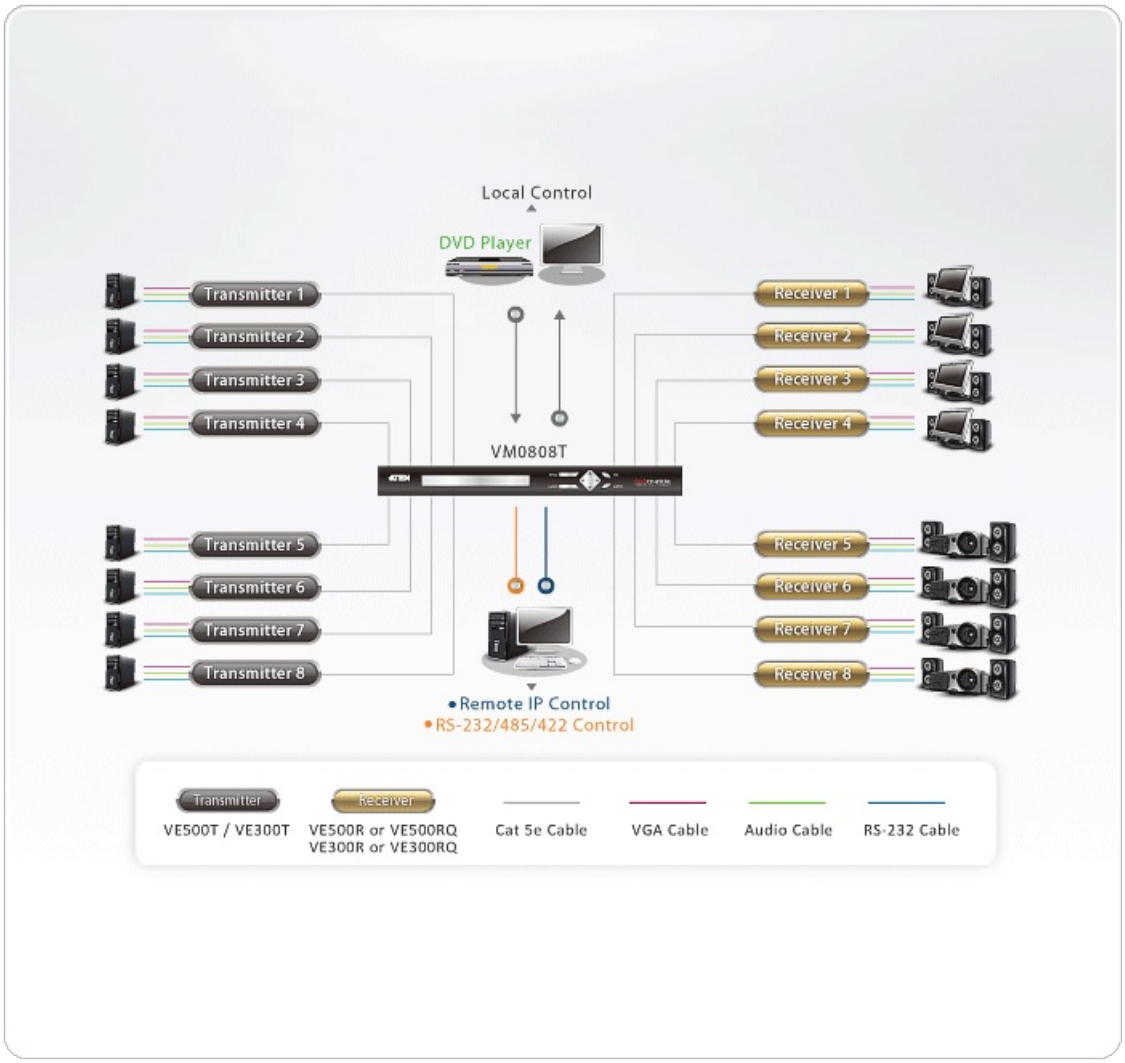
Specification

Video Input	
Interfaces	8 x RJ-45 Female
Impedance	100 Ω

Video Output	
Interfaces	8 x RJ-45 Female
Impedance	100 Ω
Video	
Max. Bandwidth	500 MHz
Max. Resolution	Up to 1920 x 1200 (Depends on connected receiver)
Max. Distance	Up to 300 m (Depends on connected receiver) *The maximum transmission distance between the transmitter and the receiver is 300 m.
Audio	
Input	Balanced: 1 x Captive Screw Connector, 5 Pole Stereo: 1 x Mini Stereo Jack Female (Green)
Output	Balanced: 1 x Captive Screw Connector, 5 Pole Stereo: 1 x Mini Stereo Jack Female (Green)
Control	
RS-232	Connector:1 x DB-9 Female (Black); 1 x DB-9 Male (Black) Serial Control Pin Configurations: Male: Pin2 = Rx, Pin 3 = Tx, Pin 5 = Gnd Female: Pin2 = Tx, Pin 3 = Rx, Pin 5 = Gnd Baud rate and protocol: Baud Rate: 19200, Data Bits: 8, Stop Bits: 1, Parity: No, Flow Control: No
RS-485/RS-422	Connector: 1 x Captive Screw Connector, 5 Pole
Ethernet	1 x RJ-45 Female
Connectors	
Power	1 x 3-prong AC socket
Power	
Maximum Input Power Rating	100-240 VAC~:50-60 Hz; 1.0A
Power Consumption	AC110V:14.4W:68BTU/h AC220V:15.4W:68BTU/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°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal

Weight	3.50 kg (7.71 lb)
Dimensions (L x W x H)	43.24 x 26.30 x 4.40 cm (17.02 x 10.35 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.

Diagram



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