

VE500

A/V Over Cat 5 Extender

The VE500 A/V Over Cat 5 Extender is exclusively designed to integrate seamlessly with the ATEN VM0808T/VM1616T Matrix Switch. The VE500 allows you to extend the distance between a source device and video display up to 150 m with a resolution of 1600x1200 (VE500R), or up to 300m with a resolution of 1280 x 1024 (VE500RQ).

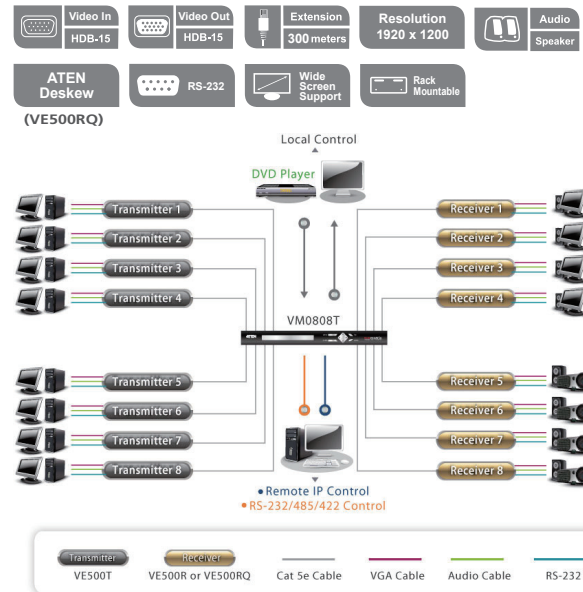
It is able to accomplish this by means of a local transmitting unit (the VE500T), connected to the remote receiving unit (either the VE500R or VE500RQ), using Cat 5e twisted pair cable. Because it allows access to the audio/video/RS-232 source over large distances, the VE500 is ideal for installations such as construction sites, factory floors, control and security centers, where the system equipment can reside in a safe and secure location, while the display is conveniently located in public view.

To provide optimum video quality over large distances, the VE500RQ supports RGB delay tuner functionality – allowing you to manually synchronize the RGB signals. It also provides a line synchronization function that corrects color phase and timing errors that occur over long distance transmissions, and stores the settings.



Features

- Uses Cat 5e cable to connect the Transmitter and Receiver
- **Deskew Function (VE500RQ)**– automatically synchronizes the time delay of RGB signals to compensate for distance
- Long Distance Transmission up to 300m
- Superior video quality
VE500R: 1920x1200 @60Hz (30 m); 1600x1200 @60Hz (150 m)
VE500RQ: 1920x1200 @60Hz (150 m); 1280x1024 @60Hz (300 m)
- Superior audio quality – balanced audio provides flawless long-distance transmission
- Automatic and adjustable gain control – adjust signal strength to compensate for distance
- Supports one local and one remote displays
- Provides RS-232 channel
- Supports wide screen
- Rack Mountable



Specification

Function		VE500T	VE500R	VE500RQ	
Connectors	Video In	1 x HDB-15 Male (Blue)	N/A		
	Video Out		1 x HDB-15 Female (Blue)		
	Audio In	Stereo	1 x Mini Stereo Jack Female (Green)	N/A	
		Balanced	1 x Captive Screw Connector, 5 pole (Green)		
	Audio Out	Stereo	1 x Mini Stereo Jack Female (Green)		
		Balanced	1 x Captive Screw Connector, 5 pole (Green)		
	RS-232		1 x DB-9 Female (Black)	1 x DB-9 Male (Black)	
	Unit to Unit		1 x RJ-45 Female		
Power		1 x DC Jack			
Switches	Compensation / Up	N/A	1 x Pushbutton	N/A	
	Compensation / Down		1 x Pushbutton		
	Color / Up		N/A	1 x Pushbutton	
	Select / Down			1 x Pushbutton	
LEDs	Power	1 (Green)	1 (Green)	N/A	
	Link	N/A	1 (Orange)		
	Picture Compensation		1 (Blue)		
	B				
	G / Link	N/A	1 (Green/Orange)		
	R / Power		1 (Red/Green)		
Video		N/A	1920x1200 @60Hz (30 m); 1600x1200 @60Hz (150 m)	1920x1200 @60Hz (150 m); 1280x1024 @60Hz (300 m)	
Power Consumption		DC 5.3V/ 2.98W	DC 5.3V/ 4.04W	DC 5.3V/ 5.63W	
Environment	Operating Temp.	0~50°C			
	Storage Temp.	-20~60°C			
	Humidity	0~80% RH, Non-condensing			
Physical Properties	Housing	Metal			
	Weight	0.48 kg			
	Dimensions (L x W x H)	20.20 x 8.64 x 2.50 cm			

* Product specifications and appearance are subject to change without notice.

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