

VE300RQ

VGA/Audio Cat 5 Receiver with Auto Deskew (1280 x 1024@300m)



The VE300RQ A/V Over Cat 5 Receiver is exclusively designed to integrate seamlessly with the ATEN [VM0808T/VM1616T](#) Matrix Switch to extend signals up to 300m from the switch to a display using Cat 5e cables. The [VE300](#) is ideal for installations such as construction sites, factory floors, and 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 VE300RQ 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

- [Superior RGB deskew function](#) – automatically synchronizes the time delay of RGB signals to compensate for distance
- Long Distance Transmission up to 300 m
- Superior video quality · 1920x1200@60Hz (150 m), 1280x1024@60Hz (300 m)
- [Automatic and adjustable gain control](#) – adjust signal strength to compensate for distance
- Supports wide screen
- Rack-mountable
- Built-in 8KV/15KV ESD protection

Specification

Video Output	
Interfaces	1 x HDB-15 Female (Blue)
Impedance	75 Ω
Video	
Max. Bandwidth	300 MHz
Max. Resolutions / Distance	1920 x 1200@150m; 1280 x 1024@300m
Audio Outputs	
Interfaces	Stereo: 1 x Mini Stereo Jack Female (Green)
Connectors	
Power	1 x DC Jack (Black)
Power Consumption	DC5.3V:3.7W:17BTU/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	0.47 kg (1.04 lb)
Dimensions (L x W x H)	20.20 x 8.20 x 2.50 cm (7.95 x 3.23 x 0.98 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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