

## 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

## Specifications

|                             |   |
|-----------------------------|---|
| Video Output                |   |
| Interfaces                  | 1 x HDB-15 Female (Blue)  |
| Impedance                   | 75 $\Omega$   |
| 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<br><br>Note:<br><ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul> |
| 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<br>(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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