

VE500RQ

VGA/Audio/RS-232 Cat 5 Receiver with Auto Deskew (1280 x 1024@300m)



The [VE500R](#) is the Cat5 Audio / Video receiver, part of an ATEN A / V extension solution. The unit is designed to integrate into installations with ATEN's [VM0808T](#) A / V matrix switch. It can also be used in conjunction with a [VE500T](#) transmitter as a point to point stand alone A / V extender to a maximum distance of 500 ft.

To ensure the highest quality audio for the entire transmission length the [VE500](#) employs balance audio for input and output. For added versatility, the [VE500](#) also provides an RS232 connection to allow the use of serial touch screens or bar code readers.

Features

- Long Distance Transmission up to 1000 ft.
- Superior Video Quality - 1920x1200 @ 100ft, 1600x1200 @ 500 ft., 1024x768@ 1000ft.
- Superior Audio Quality - Balance audio provide flawless long-distance transmission
- Automatic and adjustable gain control - adjust signal strength to compensate for distance
- Support local display
- RS-232 support
- Support wide screen
- Rack Mountable

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	Balanced: 1 x Captive Screw Connector, 5 Pole (Green) Stereo: 1 x Mini Stereo Jack Female (Green)
Control	
RS-232	Connector: 1 x DB-9 Male (Black) Serial Control Pin Configurations: Pin2 = Rx, Pin 3=Tx, Pin 5= Gnd
Power	Connector: 1 x DC Jack (Black) Consumption: 5.3 VDC, 5.63W
Environmental	
Operating Temperature	0-50°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.48 kg (1.06 lb)
Dimensions (L x W x H)	20.20 x 8.64 x 2.50 cm (7.95 x 3.4 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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