

VGA / Audio Cat 5 Extender

VE170 / VE170Q

- The VE170 VGA / Audio Cat 5 Extenders, consisting of a transmitter (VE170T) and receiver (VE170R), are cost-effective and efficient solutions for sending and receiving high quality audio/video content over long distances. Simply connect the transmitter to the receiver via one Cat 5e cable, and a VGA display or projector can be located up to 300 m (1000 ft) away from the video source.

The VE170Q package consists of a transmitter (VE170T) and receiver (VE170RQ), which includes ATEN's patented Deskew™ technology that supports resolutions up to 1280 x 1024 @ 300 m, and features manual synchronization of the RGB signals and correction of color phase and timing errors that occur over long distances.

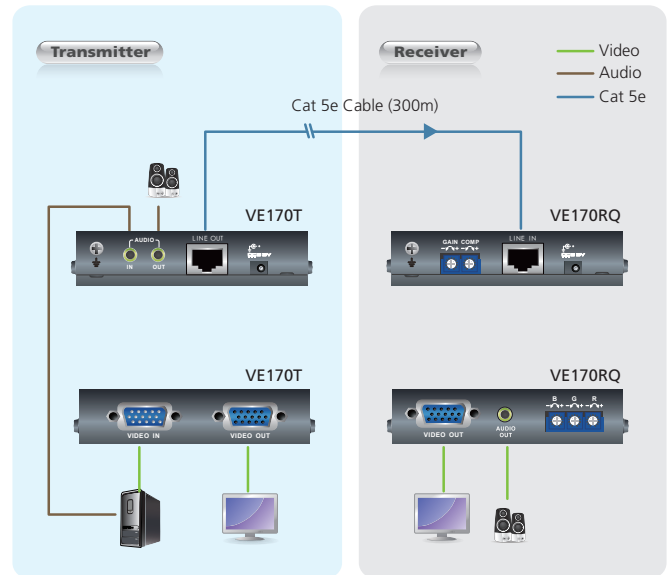
The VE170 / VE170Q VGA / Audio Cat 5 Extenders provides a flexible solution which is ideal for any professional A/V installation that requires multimedia content to be delivered over a long distance.

VE170 Package		VE170Q Package	
VE170T	VE170R	VE170T	VE170RQ
Transmitter	Receiver	Transmitter	Receiver with Deskew



Features

- Connects a transmitter and receiver via Cat 5e cable
- Supports one local and one remote VGA display
- Long distance transmissions – up to 300 m
- Deskew™ (VE170Q) – automatically synchronizes the time delay of RGB signals to compensate for distance
- Adjustable Gain Control – signal strength can be manually adjusted via video gain or video compensation tuners
- Audio supported (mono)
- Built-in ESD protection
- Rack-mountable



Specifications

Function	VE170R	VE170RQ	VE170T
Video Input			
Interfaces	N/A	N/A	1 x HDB-15 Male(Blue)
Impedance	N/A	N/A	75
Max. Distance	N/A	N/A	1.8 m
Video Output			
Interfaces	1 x HDB-15 Female (Blue)	1 x HDB-15 Female (Blue)	1 x HDB-15 Female (Blue)
Impedance	75 Ω	75 Ω	75 Ω
Video			
Max. Bandwidth	300 MHz	300 MHz	300 MHz
Max. Resolutions / Distance	Up to 1920 x 1200 @ 30 m; 1024 x 768 @ 300 m	Up to 1920 x 1200 @ 150m; 1280 x 1024 @ 300 m	Up to 1920 x 1200 @ 30 m; 1024 x 768 @ 300 m
Audio			
Output	1 x Mini Stereo Jack Female (Green)	1 x Mini Stereo Jack Female (Green)	1 x Mini Stereo Jack Female (Green)
Input	N/A	N/A	1 x Mini Stereo Jack Female (Green)
Power			
Connectors	1 x DC Jack	1 x DC Jack	1 x DC Jack
Consumption	5.3 VDC, 3.66W	5.3 VDC, 4.82W	5.3 VDC, 2.66W
Environmental			
Operating Temperature	0° to 50° C	0° to 50°C	0° to 50°C
Storage Temperature	-20° to 60°C	-20° to 60°C	-20° to 60°C
Humidity	0 - 80% RH, Non-Condensing	0 - 80% RH, Non-Condensing	0 - 80% RH, Non-Condensing
Physical Properties			
Housing	Metal	Metal	Metal
Weight	0.24 kg	0.24 kg	0.24 kg
Dimensions (L x W x H)	12.77 x 9.04 x 2.26 cm	12.77 x 9.04 x 2.26 cm	12.77 x 9.04 x 2.26 cm

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Publish Date: 11/2016 V1.0



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