

VE170Q

VGA / Audio Cat 5 Extender (1280 x 1024@300m)



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 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.



Features

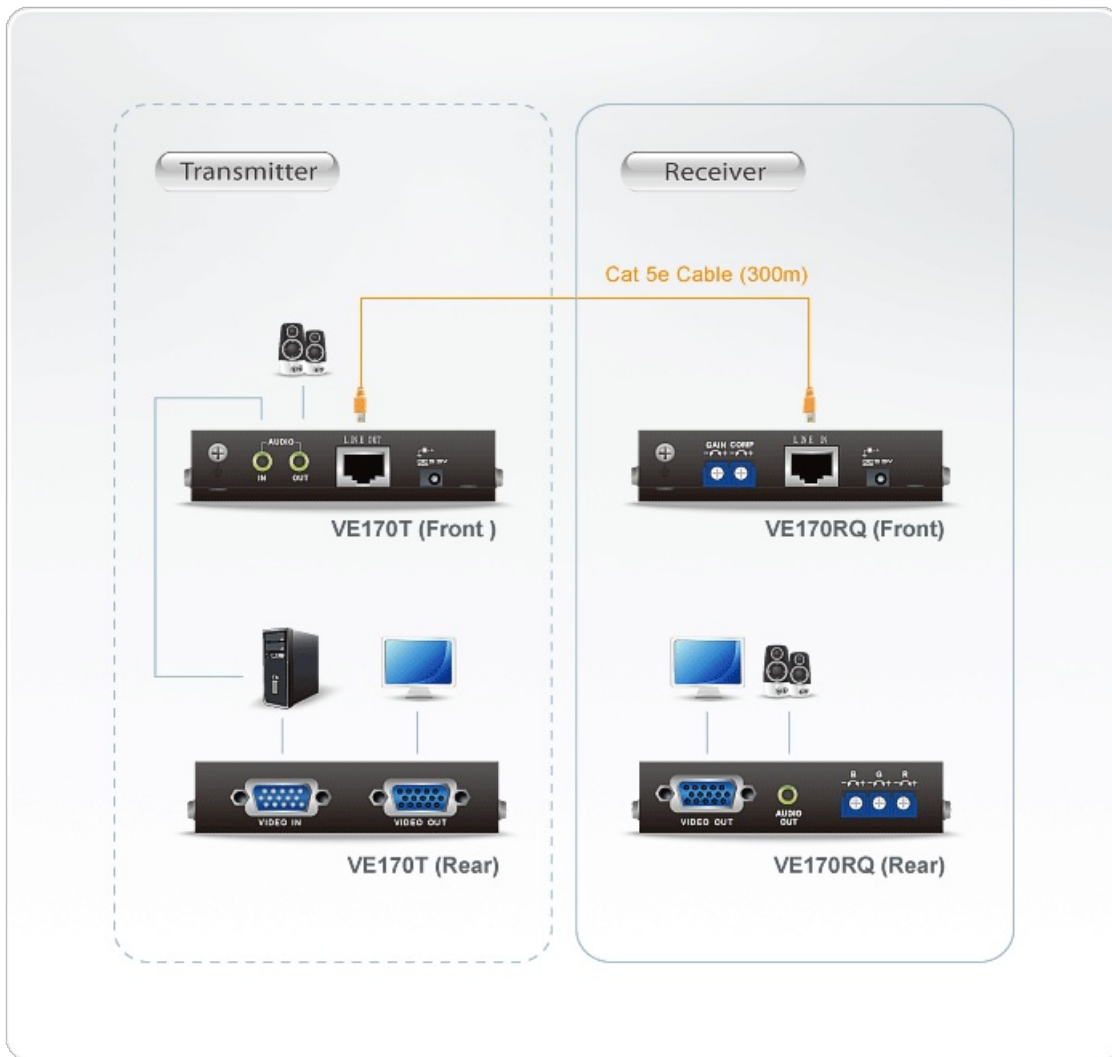
- Connects a transmitter and receiver via Cat 5e cable
- Long distance transmission - up to 1920 x 1200@150m; 1280 x 1024@300m
- Supports one local and one remote VGA display
- Long distance transmissions – up to 300 m
- [Deskew™](#) – automatically synchronizes the time delay of RGB signals to compensate 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

Specification

Function	VE170RQ	VE170T
Video Input		
Interfaces	N/A	1 x HDB-15 Male (Blue)
Impedance	N/A	75 Ω
Max. Distance	N/A	1.8 m
Video Output		
Interfaces	1 x HDB-15 Female (Blue)	1 x HDB-15 Female (Blue)
Impedance	75 Ω	75 Ω
Video		
Max. Bandwidth	300 MHz	300 MHz
Max. Resolutions / Distance	Up to 1920 x 1200@150m; 1280 x 1024@300m	Up to 1920 x 1200@150m; 1280 x 1024@300m
Audio		
Output	1 x Mini Stereo Jack Female (Green)	1 x Mini Stereo Jack Female (Green)
Input	N/A	1 x Mini Stereo Jack Female (Green)
Connectors		
Power	1 x DC Jack	1 x DC Jack
Environmental		
Operating Temperature	0-50°C	0-50°C
Storage Temperature	-20 - 60°C	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing	0 - 80% RH, Non-Condensing
Physical Properties		
Housing	Metal	Metal
Weight	0.24 kg (0.53 lb)	0.24 kg (0.53 lb)
Dimensions (L x W x H)	12.77 x 9.04 x 2.26 cm (5.03 x 3.56 x 0.89 in.)	12.77 x 9.04 x 2.26 cm (5.03 x 3.56 x 0.89 in.)
Carton Lot	5 pcs	5 pcs

<p>Power Consumption</p>	<p>DC5.3V:5.24W:25BTU/h</p> <p>Note:</p> <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. 	<p>DC5.3V:2.42W:11BTU/h</p> <p>Note:</p> <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.
<p>Note</p>	<p>For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.</p>	

Diagram



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