

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

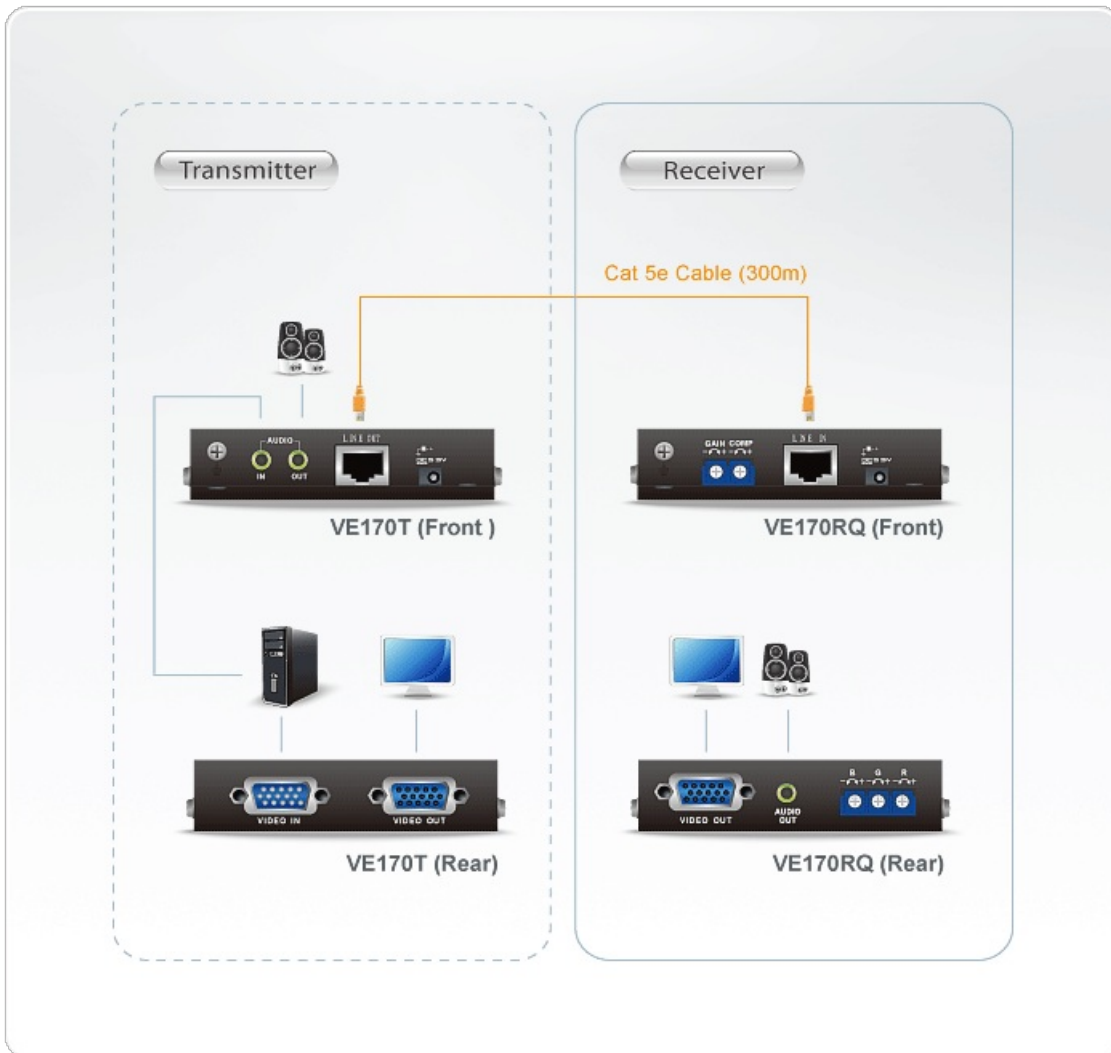
- Connects a transmitter and receiver via Cat 5e cable
- Long distance transmission - up to 1920 x 1200@150m; 1280 x 1024@300m
- Supports one local and one remote VGA display
- Long distance transmissions – up to 300 m
- [Deskew™](#) – automatically synchronizes the time delay of RGB signals to compensate 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
Power Consumption	DC5.3V:5.24W:25BTU/h Note: ● 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.	DC5.3V:2.42W:11BTU/h Note: ● 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.
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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