

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

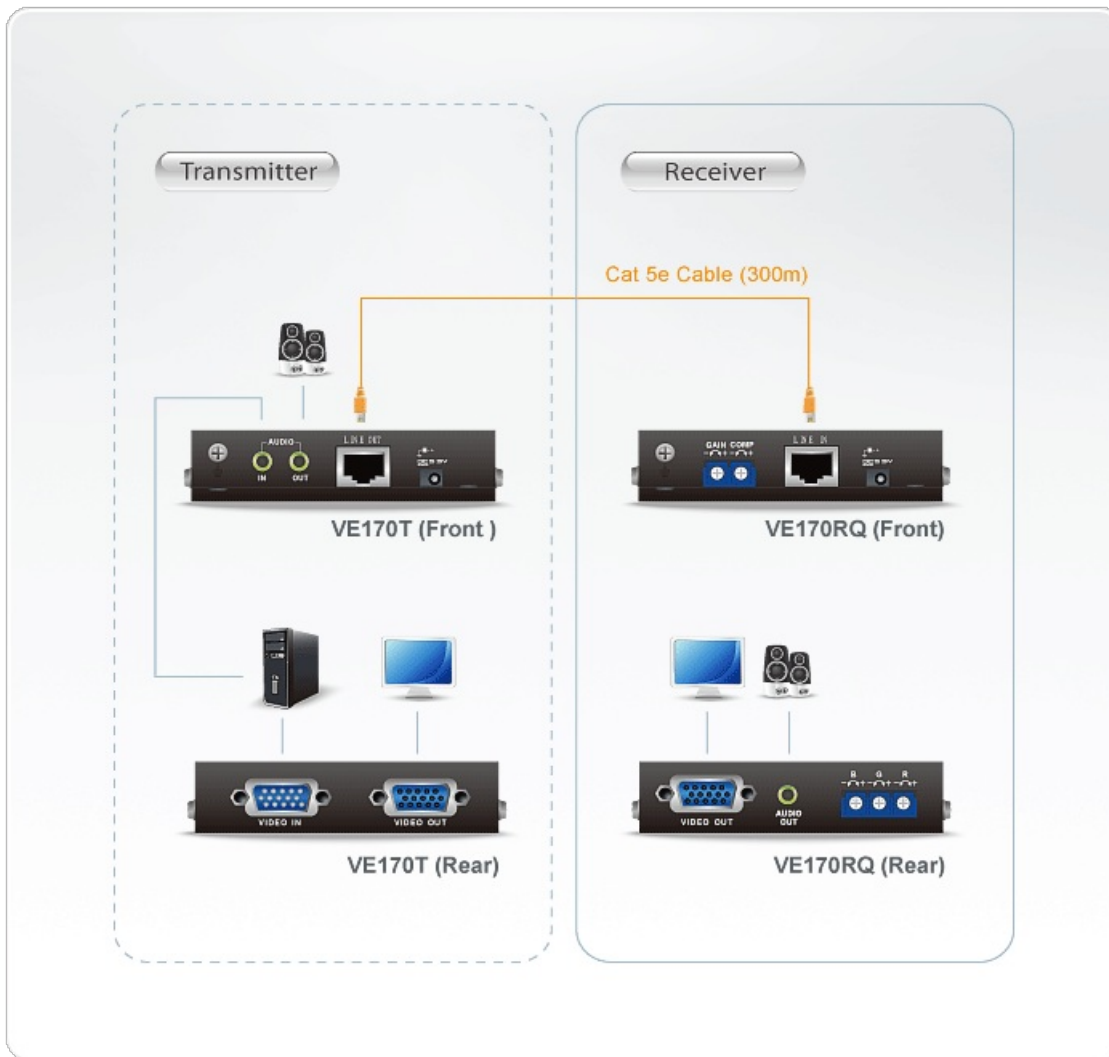
- Connects a transmitter and receiver via Cat 5e cable
- Long distance transmission - up to 1920 x 1200@150m; 1280 x 1024@300m
- Supports one local and one remote VGA display
- Long distance transmissions – up to 300 m
- [Deskew™](#) – automatically synchronizes the time delay of RGB signals to compensate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

Specifications

| 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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