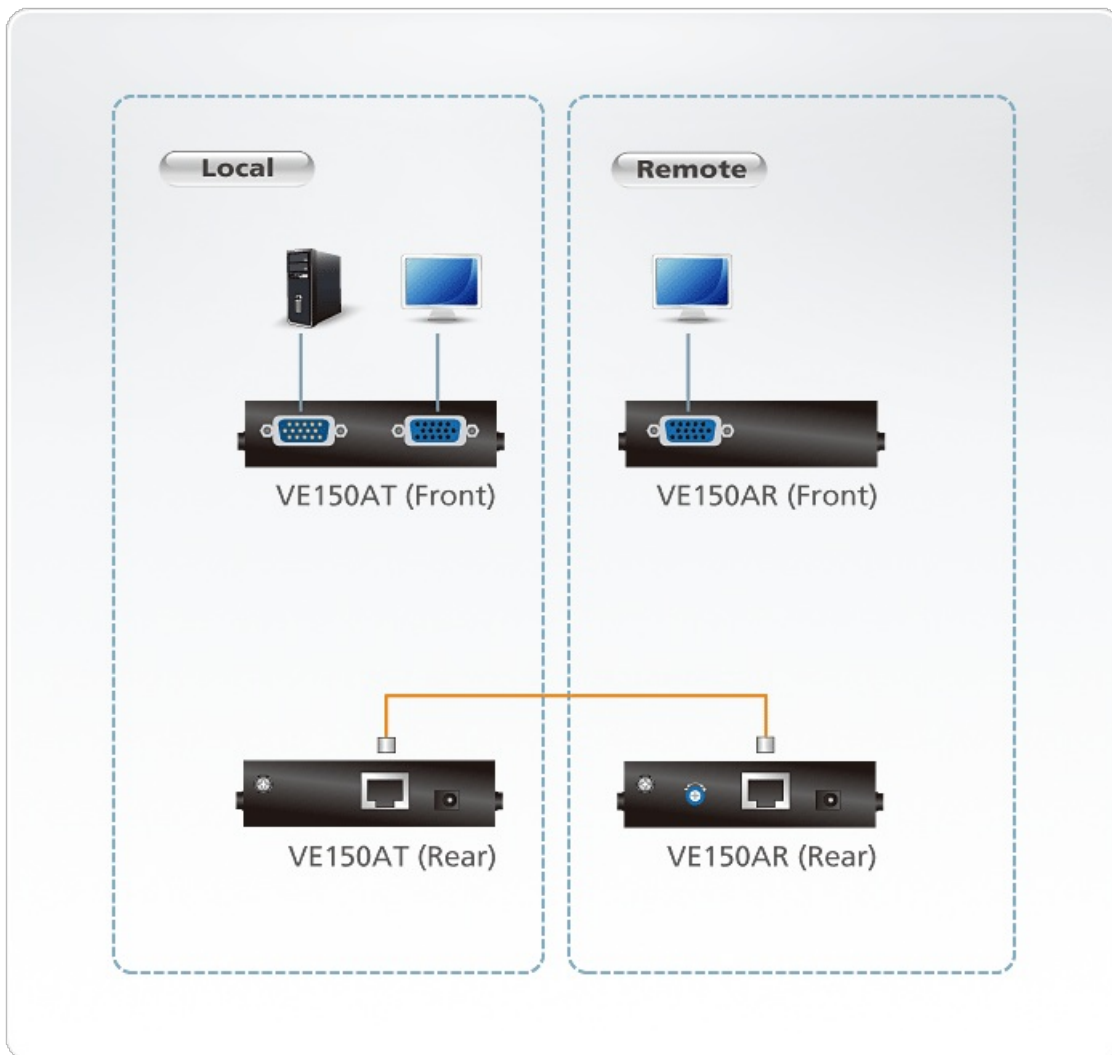# VE150A

VGA Cat 5 Extender (1280 x 1024@150m)

VE150A video extender comprises a local transmitting unit and a remote receiving unit which are connected by standard Cat 5e cables. The distance of both units can be extended up to 150m. It is ideal for factories and construction sites, or any location where the display may need to expose in a risky setting, but you want the system to be kept in a safe location.

Features

- Uses Cat 5e cables to connect the local and remote units
- Supports one local and one remote display
- Long distance transmission – up to 150 m
- Adjustable gain control – manually adjust signal strength to compensate for distance
- Superior video quality – up to 1920x1200 (30 m);1600x1200 (100 m); 1280x1024 (150 m)
- Supports VGA, XGA, SVGA, UXGA, WUXGA, and multisync monitors
- Supports wide screen formats
- Supports hot-plugging
- Built-in 8KV/15KV ESD protection
- Supports DDC for the local monitor
- Easy installation
- Rack Mountable
- Plug-and-play – no software installation required

Specification

Function	VE150AR	VE150AT
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@30m; 1280 x 1024@150m	Up to 1920 x 1200@30m; 1280 x 1024@150m
Connectors		
Power	1 x DC Jack	1 x DC Jack
Power Consumption	DC5.3V:0.87W:8BTU/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:1.35W: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.
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		
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.)
Housing	Metal	Metal
Weight	0.24 kg (0.53 lb)	0.24 kg (0.53 lb)
Carton Lot	5 pcs	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

Local

Remote

VE150AT (Front)

VE150AR (Front)

VE150AT (Rear)

VE150AR (Rear)