

VE600A

DVI/Audio Extender (1920 x 1200@40m)



The VE600A DVI Extender with Audio extends your DVI display up to 60 m away from your DVI source using Cat 5e cables. The use of Cat 5e cables provides a simple and reliable connection method that takes advantage of the wiring system in most modern office buildings. The VE600A incorporates ATEN's technology that allows the A/V signal to be transmitted over one Cat 5e cable. If the real [EDID](#) is required, simply use a second Cat 5e cable. With stereo audio support and support for popular widescreen formats, the VE600A provides crystal-clear image and sound quality in all installations where remote DVI video displays are required.

Features

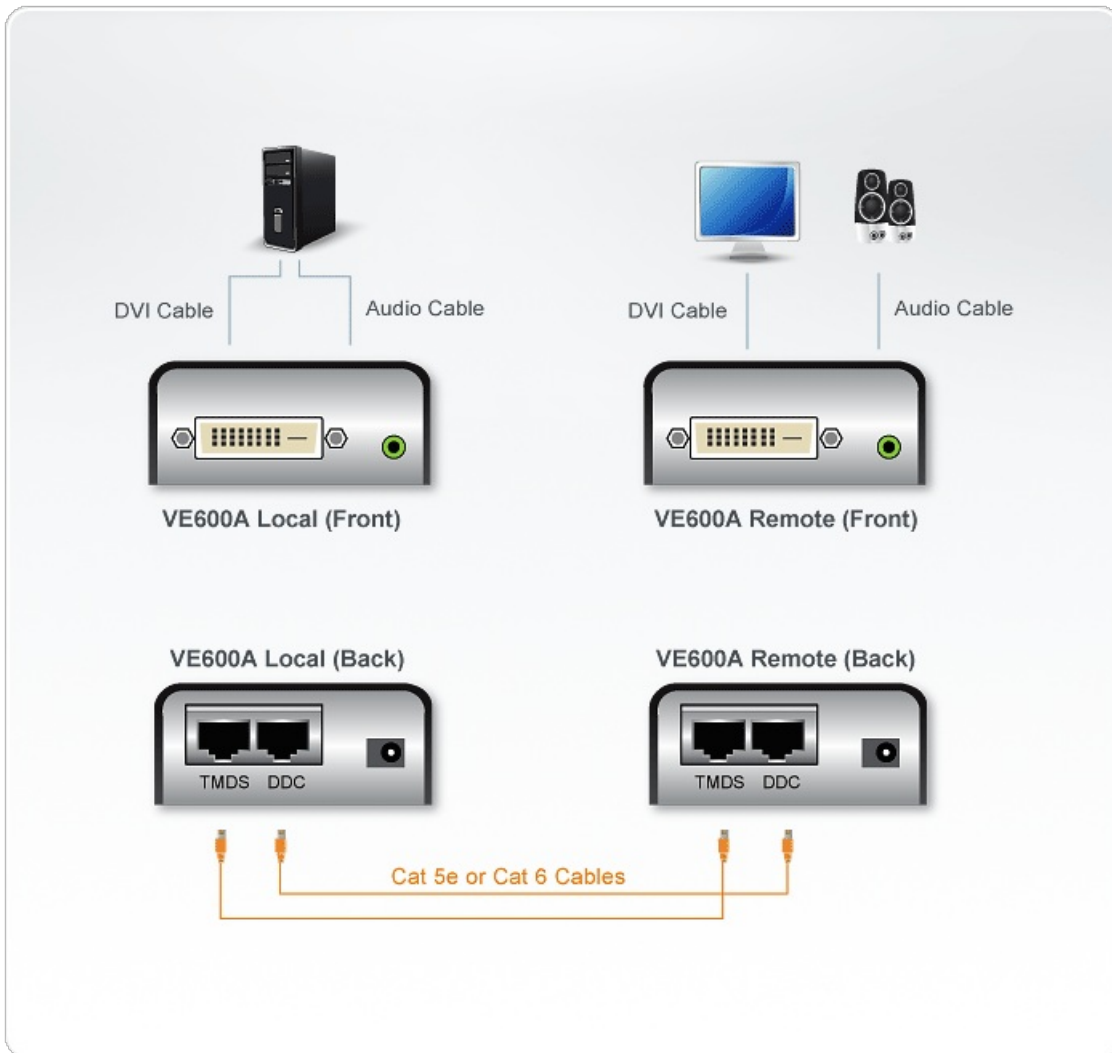
- [Extends the distance between DVI source and DVI display device](#)
- Long distance transmission – up to 60 m
- Uses Cat 5e cable to connect the local and remote units
- [Superior video quality – up to 1920x1200 \(40 m\); 1080p \(40 m\) ; 1080i \(60 m\)](#)
- [Audio enabled](#)
- Adjustable EQ compensation control
- Supports widescreen formats
- Rack mountable
- [HDCP Compatible](#)

Specifications

Function	VE600AL	VE600AR
Video Input		
Interfaces	1 x DVI-D Female (White)	N/A
Impedance	100 Ω	N/A
Max. Distance	1.8 m	N/A
Video Output		
Interfaces	N/A	1 x DVI-D Female (White)
Impedance	N/A	100 Ω
Video		

Max. Data Rate	6.75 Gbps (2.25 Gbps Per Lane)	6.75 Gbps (2.25 Gbps Per Lane)
Max. Pixel Clock	225 MHz	225 MHz
Compliance	HDCP Compatible	HDCP Compatible
Max. Resolutions / Distance	Up to 1080p@40m; 1080i@60m	Up to 1080p@40m; 1080i@60m
Audio		
Input	1 x Mini Stereo Jack Female (Green)	N/A
Output	N/A	1 x Mini Stereo Jack Female (Green)
Connectors		
Power	1 x DC Jack	1 x DC Jack
Power Consumption	DC5.3V:1.56W:7BTU/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:0.76W:4BTU/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		
Housing	Metal	Metal
Weight	0.17 kg (0.37 lb)	0.17 kg (0.37 lb)
Dimensions (L x W x H)	9.13 x 5.60 x 2.40 cm (3.59 x 2.2 x 0.94 in.)	9.13 x 5.60 x 2.40 cm (3.59 x 2.2 x 0.94 in.)
Carton Lot	20 pcs	20 pcs
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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