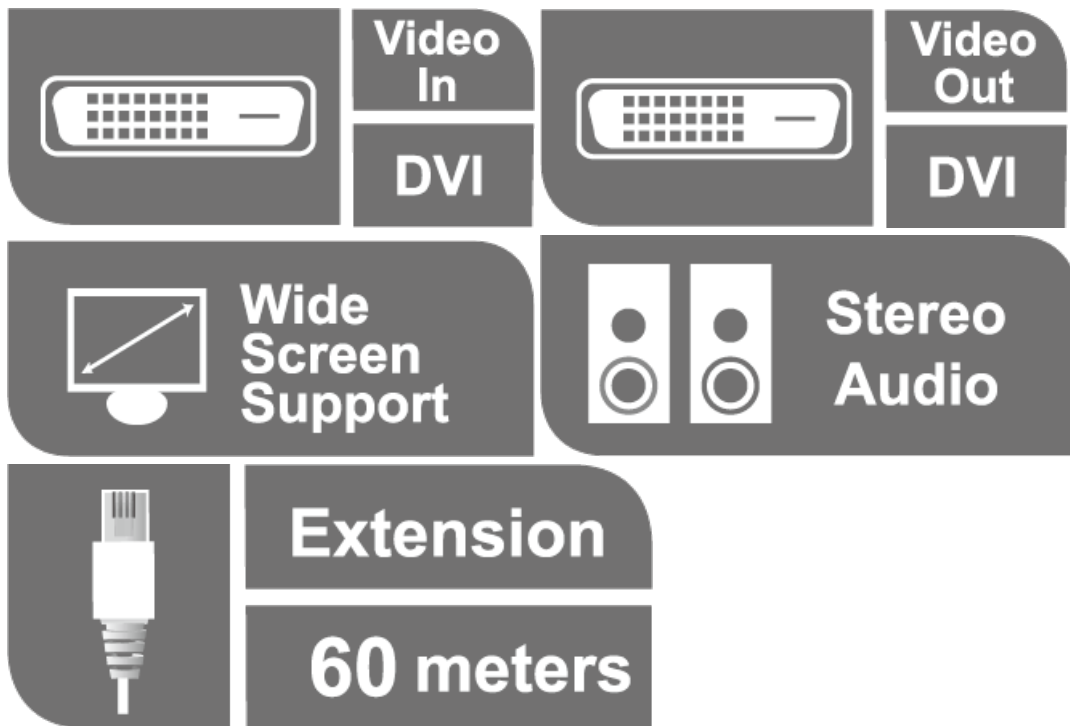# VE600A

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

The VE600A DVI Extender with Audio extends your DVI display up to 200 feet (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.
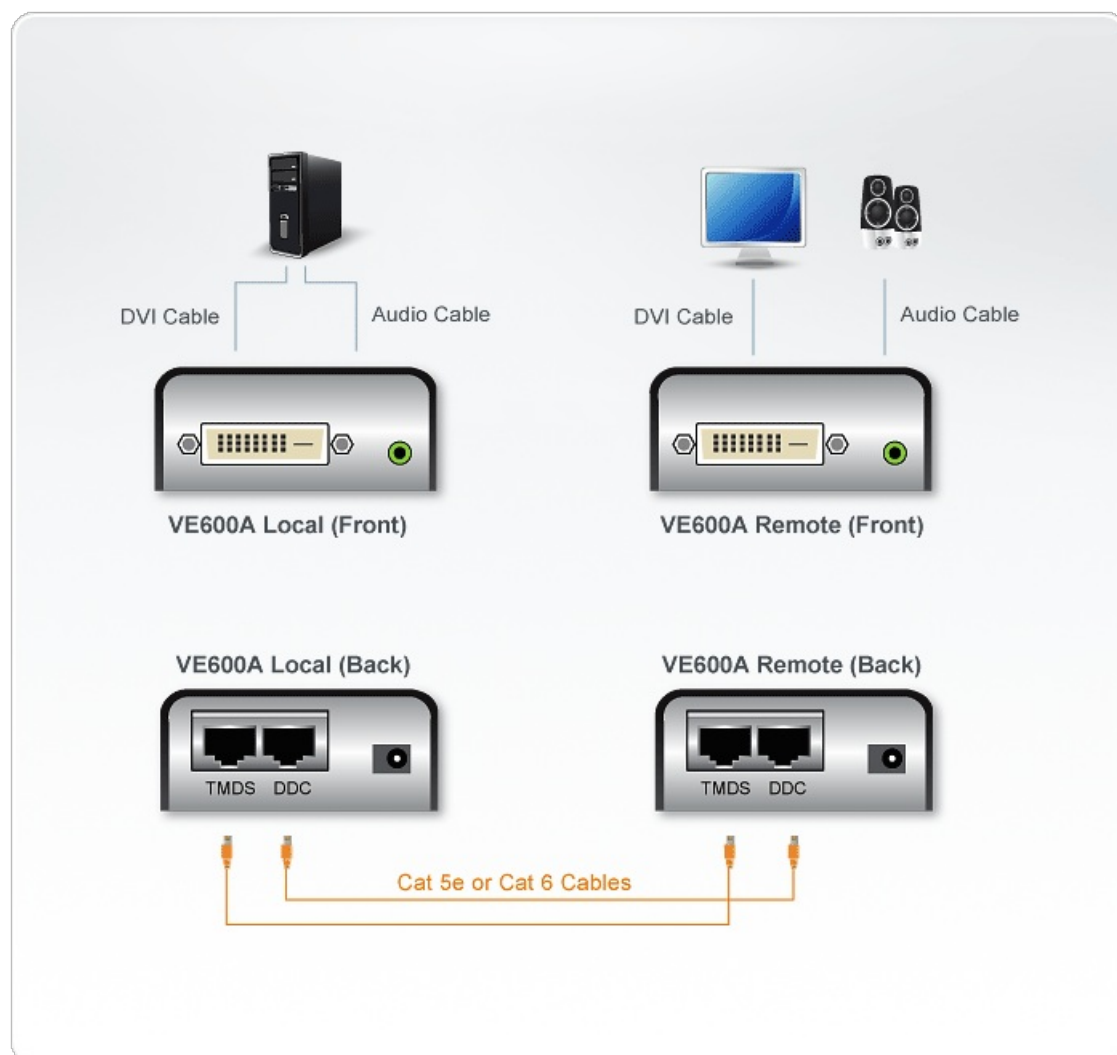
Features

- Extends the distance between DVI source and DVI display device
- Long distance transmission – up to 200 ft
- Uses Cat 5e cable to connect the local and remote units
- Superior video quality – up to 1920x1200 (130 ft); 1080p (130ft) ; 1080i (200 ft)
- Audio enabled
- Adjustable EQ compensation control
- Supports widescreen formats
- Rack mountable
- HDCP Compatible

Specification

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

DVI Cable   Audio Cable   DVI Cable   Audio Cable

VE600A Local (Front)   VE600A Remote (Front)

VE600A Local (Back)   VE600A Remote (Back)

TMDS DDC   TMDS DDC

Cat 5e or Cat 6 Cables