VE607

DVI/Audio Cat 5 Extender with MK Wall Plate (1920 x 1200 @ 40m)

The VE607 DVI/Audio Cat 5 Extender with MK Wall Plate is designed to be conveniently mounted in a one- gang junction box for UK, Singapore, Hong Kong and other markets that apply MK type junction boxes. It extends DVI and audio signals up to 60 m over Cat 5e/6 cable and supports wide screen formats while ensuring excellent video quality.

The VE607 can be easily powered at either the transmitter or receiver side using a second Cat 5e/6 cable. The VE607's compact wall plate design does away with bulky cables allowing a neat and convenient installation. Therefore, it is a perfect solution for function rooms, museums and any setting that requires equipment or cabling to be kept from the public's view.

Features

- Uses two Cat 5e/6 cables to connect the local and remote units- one to transmit video, and another for power*
- Remotely powered from either the transmitter or receiver side**
- Extends the distance between DVI source and DVI display
- Superior video quality – up to 1920 x 1200@40m; 1280 x 1024@60m
- Designed to mount in one- gang junction box for UK, Singapore, Hong Kong and other markets that apply MK type junction boxes.
- Supports 8 segment equalization adjustment via switch
- Supports wide screen formats
- Supports hot- plugging
- Supports stereo audio
- Built- in 8KV/ 15 KV ESD protection
- Plug- and- play with no software installation required
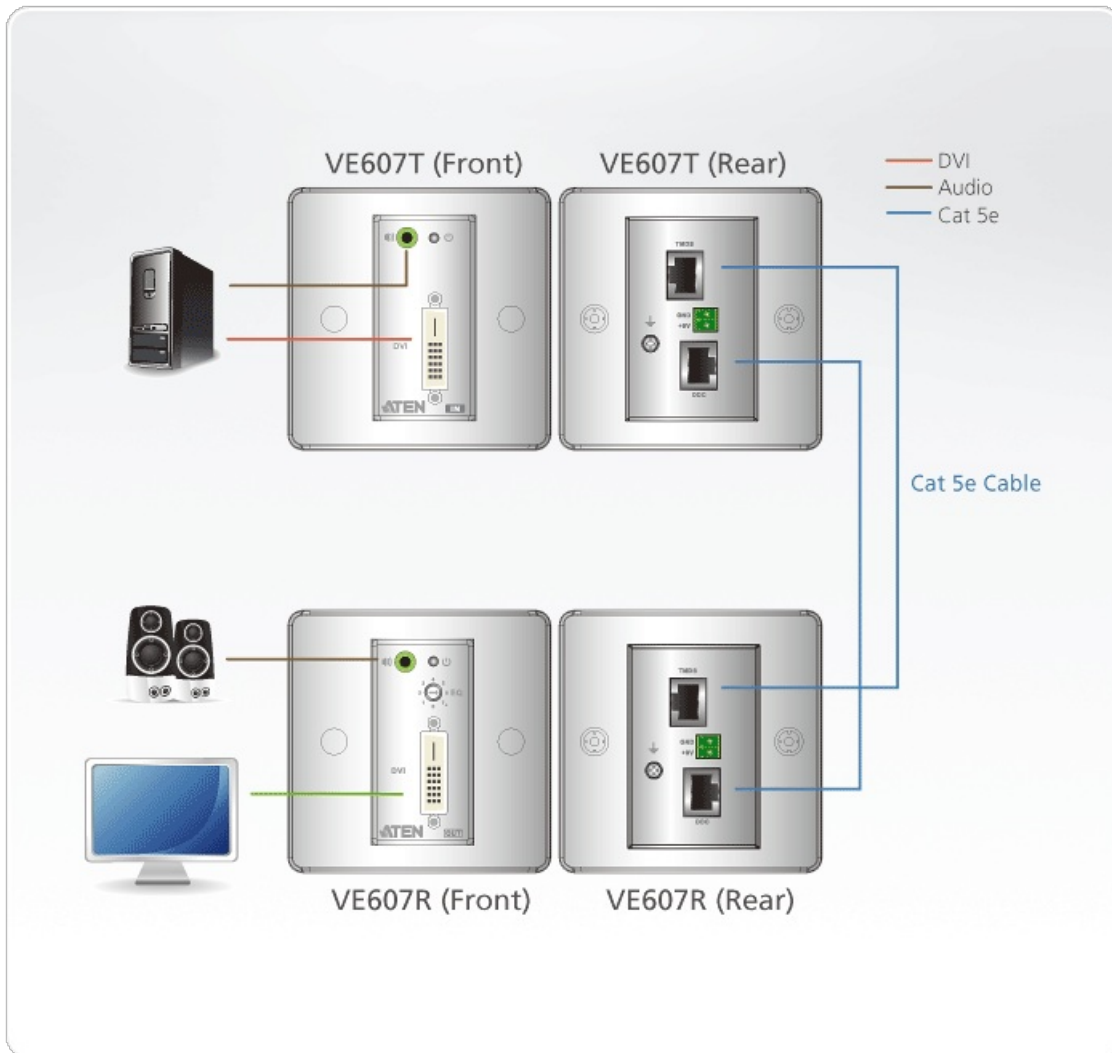- LED indication of power sources / connection status
  * A second Cat 5e/6 cable connection is required to remotely power on either the transmitter or receiver
  ** A power adapter is provided with this package and can be used at either the transmitter or receiver side, which in turn remotely powers the other unit

Simply Better Connections

Specifications

Function	VE607R	VE607T
Video Input		
Interfaces	N/A	1 x DVI-D Female (White)
Impedance	N/A	100 Ω
Video Output		
Interfaces	1 x DVI-D Female (White)	N/A
Impedance	100 Ω	N/A
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 1920 x 1200@40m; 1280 x 1024@60m	Up to 1920 x 1200@40m; 1280 x 1024@60m
Audio		
Input	N/A	1 x Mini Stereo Jack Female (Green)
Output	1 x Mini Stereo Jack Female (Green)	N/A
Connectors		
Power	1 x Terminal Block (Green)	1 x Terminal Block (Green)
Power Consumption	DC9V:0.81W:4BTU	DC9V:1.35W:6BTU
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	0.18 kg (0.4 lb)	0.18 kg (0.4 lb)
Dimensions (L x W x H)	6.86 x 4.44 x 4.34 cm (2.7 x 1.75 x 1.71 in.)	6.86 x 4.44 x 4.34 cm (2.7 x 1.75 x 1.71 in.)
Faceplate Dimensions (L x W x H)	8.60 x 8.60 x 1.60 cm (3.39 x 3.39 x 0.63 in.)	8.60 x 8.60 x 1.60 cm (3.39 x 3.39 x 0.63 in.)
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

VE607T (Front)   VE607T (Rear)

— DVI
— Audio
— Cat 5e

Cat 5e Cable

VE607R (Front)   VE607R (Rear)