

## VE157

VGA/Audio Cat 5 Extender with MK Wall Plate (1280 x 1024 @150 m)



The VE157 VGA/Audio Cat 5 Extender with MK Wall Plate is designed to be conveniently mounted in a one-gang junction box. It extends VGA and audio signals up to 150 meters over a Cat 5e/6 cable and supports wide screen formats while ensuring excellent video quality.

The VE157 can be easily powered at either the Transmitter or Receiver side using another Cat 5e/6 cable. The VE157'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 VGA source and VGA display
- Supports superior video quality up to 1920 x 1200 @60 Hz at a distance of 30 m; 1280 x 1024 @ 60 Hz at a distance of 150 m
- Adjustable Gain Control – manually adjusts signal strength to compensate for distance
- 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

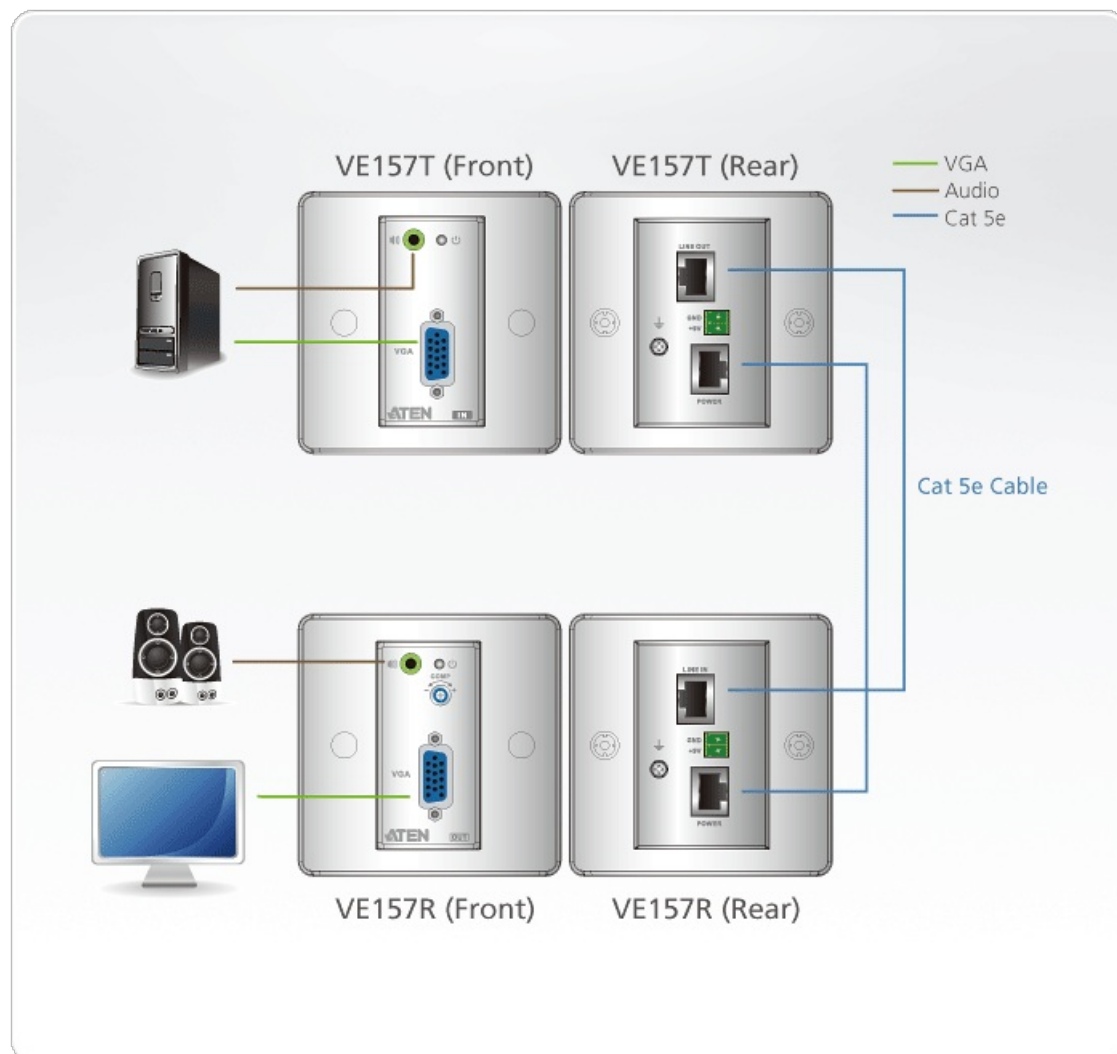
\*\*A power adapter is provided with this package and can be used at either the transmitter or receiver side, which in turn remotely powers the other unit

### Specification

| Function     | VE157R                   | VE157T                   |
|--------------|--------------------------|--------------------------|
| Video Input  |                          |                          |
| Interfaces   | N/A                      | 1 x HDB-15 Female (Blue) |
| Impedance    | N/A                      | 100 Ω                    |
| Video Output |                          |                          |
| Interfaces   | 1 x HDB-15 Female (Blue) | N/A                      |
| Impedance    | 100 Ω                    | N/A                      |

|                                  |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video                            |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                   |
| Max. Resolutions / Distance      | Up to 1920 x 1200@30m; 1280 x 1024@150m                                                                                                                                                                                                           | Up to 1920 x 1200@30m; 1280 x 1024@150m                                                                                                                                                                                                           |
| Max. Bandwidth                   | 300 MHz                                                                                                                                                                                                                                           | 300 MHz                                                                                                                                                                                                                                           |
| 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:0.95W:4BTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. | DC9V:1.65W:8BTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● 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                           | 0.18 kg ( 0.4 lb )                                                                                                                                                                                                                                | 0.18 kg ( 0.4 lb )                                                                                                                                                                                                                                |
| Dimensions (L x W x H)           | 6.86 x 4.44 x 4.28 cm<br>(2.7 x 1.75 x 1.69 in.)                                                                                                                                                                                                  | 6.86 x 4.44 x 4.28 cm<br>(2.7 x 1.75 x 1.69 in.)                                                                                                                                                                                                  |
| Faceplate Dimensions (L x W x H) | 8.60 x 8.60 x 1.60 cm<br>(3.39 x 3.39 x 0.63 in.)                                                                                                                                                                                                 | 8.60 x 8.60 x 1.60 cm<br>(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



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