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## 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 for UK, Singapore, Hong Kong and other markets that apply MK type junction boxes. 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
- Designed to mount in one- gang junction box for UK, Singapore, Hong Kong and other markets that apply MK type junction boxes.
- 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 $\Omega$
Video Output		
Interfaces	1 x HDB-15 Female (Blue)	N/A
Impedance	100 $\Omega$	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	DC9V:1.65W:8BTU
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 (2.7 x 1.75 x 1.69 in.)	6.86 x 4.44 x 4.28 cm (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 (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

