

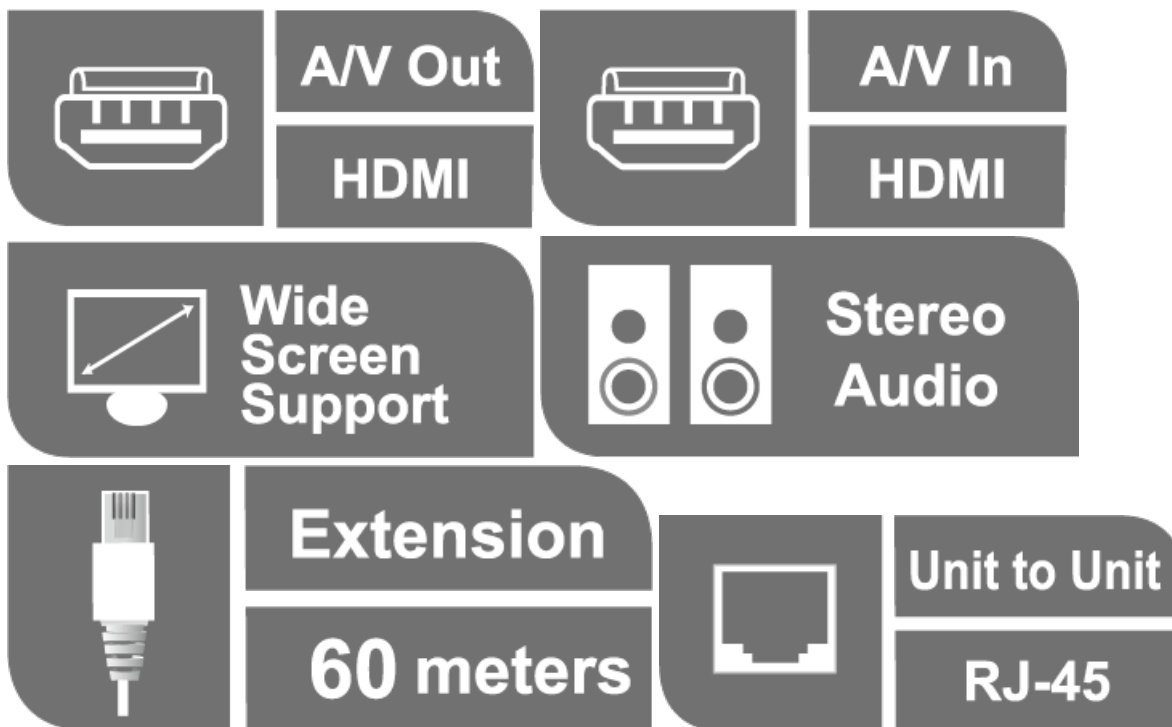
## VE806

HDMI/Audio Cat 5 Extender Wall Plate (1080p@40m)



The VE806 HDMI Over Cat 5 Extender Wall Plate extends HDMI and audio signals up to 60m using Cat 5e cable. It supports popular wide screen formats and ensures excellent video quality over long distance transmissions. The VE806 combination can further extend the distance or multiply sources/displays.

The VE806 can be powered at either the Transmitter or Receiver side, and a second Cat 5e cable is used for power signal transmission, real EDID bypass, and HDCP key authentication. The VE806's compact wall plate design does away with bulky cables and allows a neat and convenient installation. It is an ideal solution for function rooms, museums and any environment that requires equipment or cabling to be kept hidden from public view.





## Features

- Uses two Cat 5e cables to connect the local and remote units - one to transmit video and audio signal, and the other one is used for power signal transmission, real EDID bypass, and HDCP key authentication\*
- Remotely powered from either the Transmitter or Receiver side \*\*
- Extends the distance between HDMI source and HDMI display
- Superior video quality – up to 1080p@60Hz (40m), 1080i@60Hz (60m)
- HDMI (3D, Deep Color); HDCP Compatible
- 8 segment equalization adjustment switch optimizes display quality
- Supports widescreen format
- Supports hot-plugging
- Decora type design is easily configurable to fit various wall plates
- LED indication of power sources / connection status
- Supports stereo audio
- Built-in 8KV/15KV ESD protection
- Easy installation
- Wall mountable type for a neat and cleaner installation
- Plug-and-play – no software installation required

Note:

\*The second Cat 5e cable connection is required to remotely power on either the Transmitter or Receiver.

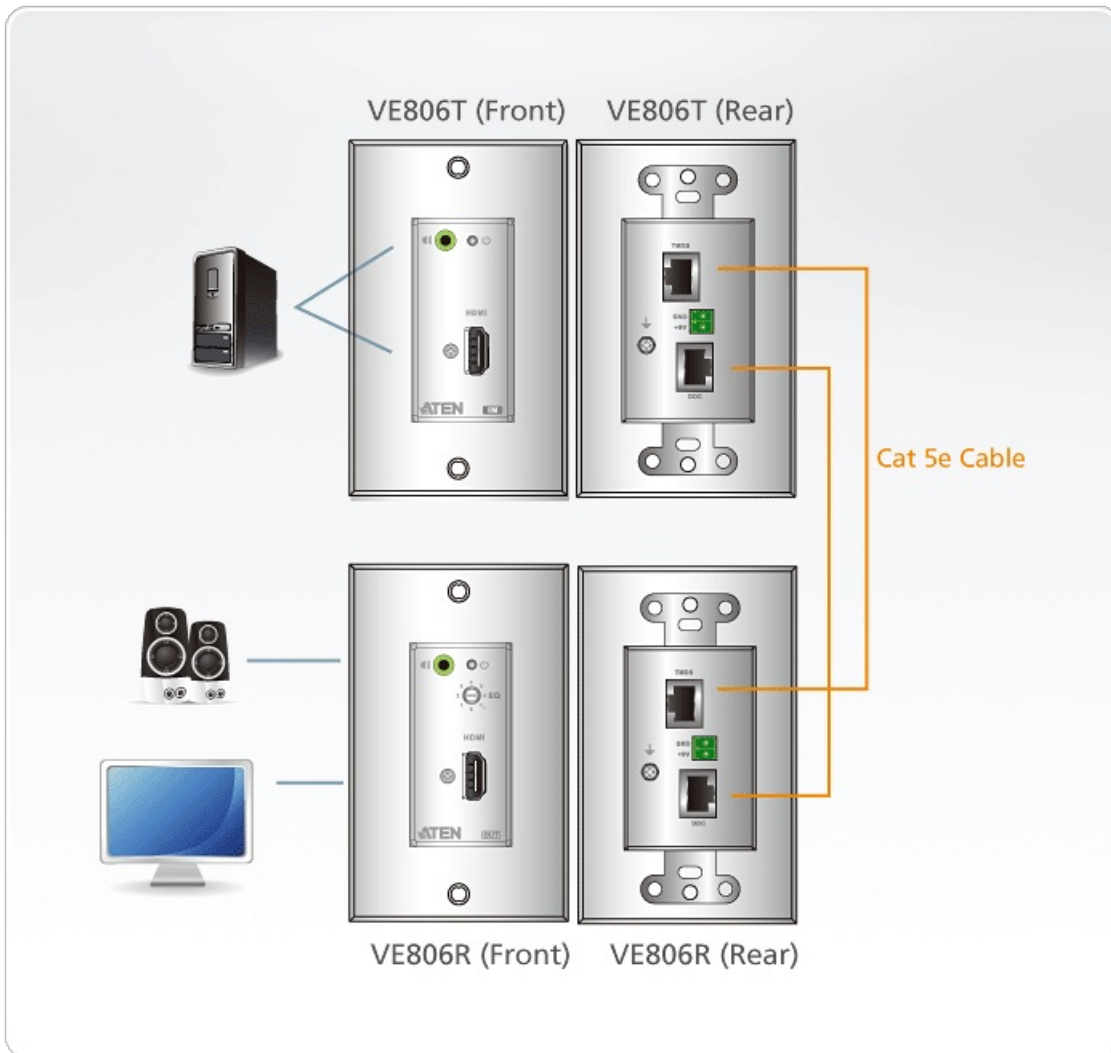
\*\*A power adapter is provided with this package, and can be used at either the Transmitter or Receiver side, which in turn remotely powers the other unit.

## Specification

| Function                    | VE806R                                   | VE806T                                   |
|-----------------------------|------------------------------------------|------------------------------------------|
| Video Input                 |                                          |                                          |
| Interfaces                  | N/A                                      | 1 x HDMI Type A Female (Black)           |
| Impedance                   | N/A                                      | 100 $\Omega$                             |
| Max. Distance               | N/A                                      | 3 m                                      |
| Video Output                |                                          |                                          |
| Interfaces                  | 1 x HDMI Type A Female (Black)           | N/A                                      |
| Impedance                   | 100 $\Omega$                             | N/A                                      |
| Max. Distance               | 3 m                                      | 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                  | HDMI (3D, Deep Color)<br>HDCP Compatible | HDMI (3D, Deep Color)<br>HDCP Compatible |
| Max. Resolutions / Distance | Up to 1080p@40m; 1080i@60m               | Up to 1080p@40m; 1080i@60m               |

|                        |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Audio                  |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                    |
| Input                  | N/A                                                                                                                                                                                                                                                | 1 x HDMI Type A Female (Black)                                                                                                                                                                                                                     |
| Output                 | 1 x HDMI Type A Female (Black)                                                                                                                                                                                                                     | N/A                                                                                                                                                                                                                                                |
| Connectors             |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                    |
| Power                  | 1 x Terminal Block (Green)                                                                                                                                                                                                                         | 1 x Terminal Block (Green)                                                                                                                                                                                                                         |
| Power Consumption      | DC9V:2.28W:11BTU/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:2.33W:11BTU/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                 | 0.17 kg ( 0.37 lb )                                                                                                                                                                                                                                | 0.17 kg ( 0.37 lb )                                                                                                                                                                                                                                |
| Dimensions (L x W x H) | 10.41 x 4.44 x 4.00 cm<br>(4.1 x 1.75 x 1.57 in.)                                                                                                                                                                                                  | 10.41 x 4.44 x 4.00 cm<br>(4.1 x 1.75 x 1.57 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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