

HDMI Over Cat 5 Extender Wall Plate

VE806

- The VE806 HDMI Over Cat 5 Extender Wall Plate extends HDMI and audio signals up to 60m using Cat 5e cable. It supports popular widescreen formats and ensures excellent video quality over long distance transmissions.

The VE806 can be powered at either the Transmitter or Receiver side, and uses a second Cat 5e cable to transmit the power signal. 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.

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE



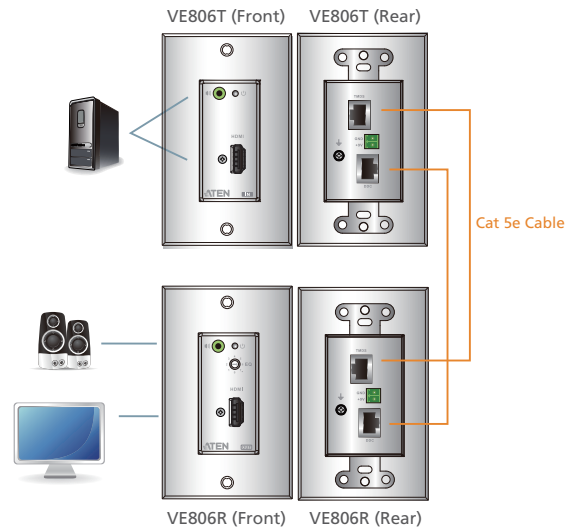
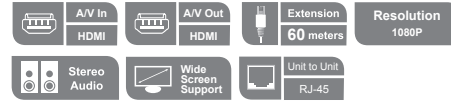
Features

- Uses two Cat 5e cables to connect the local and remote units – one to transmit video and audio, and another for power*
- Remotely powered from either the Transmitter or Receiver side**
- Extends the distance between HDMI source and HDMI display
- Superior video quality – up to 1080p @ 60 Hz (40m), 1080i @ 60 Hz (60m)
- HDMI (3D, Deep Color); HDCP-compatible
- 8 segment equalization adjustment switch optimizes display quality
- Supports widescreen formats
- Supports hot plugging
- Decora 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 for a neat 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.



Specifications

| Function | VE806R | VE806T |
|-----------------------------|--|--------------------------------|
| Video Input | | |
| Interfaces | N/A | 1 x HDMI Type A Female (Black) |
| Impedance | N/A | 100 |
| Max. Distance | N/A | 1.8 m |
| Video Output | | |
| Interfaces | 1 x HDMI Type A Female (Black) | N/A |
| Impedance | 100 | N/A |
| Video | | |
| Max. Data Rate | 6.75 Gbps (2.25 Gbps per Lane) | |
| Max. Pixel Clock | 225 MHz | |
| Compliance | HDMI (3D, Deep Color); HDCP-compatible | |
| Max. Resolutions / Distance | Up to 1080p @ 40 m; 1080i @ 60 m | |
| Audio | | |
| Input | N/A | 1 x HDMI Type A Female (Black) |
| Output | 1 x HDMI Type A Female (Black) | N/A |
| Power | | |
| Consumption | 9 VDC, 2.9 W | |
| Connectors | 1 x Terminal Block (Green) | |
| Environmental | | |
| Operating Temperature | 0° to 50° C | |
| Storage Temperature | -20° to 60° C | |
| Humidity | 0 - 80% RH, Non-condensing | |
| Physical Properties | | |
| Housing | Metal | |
| Weight | 0.17 kg | 0.17 kg |
| Dimensions (L x W x H) | 10.41 x 4.44 x 4.00 cm | 10.41 x 4.44 x 4.00 cm |

