

## VE806

HDMI/Audio Cat 5 Extender Wall Plate (US) (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.

**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE



### 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 wide screen formats
- 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.

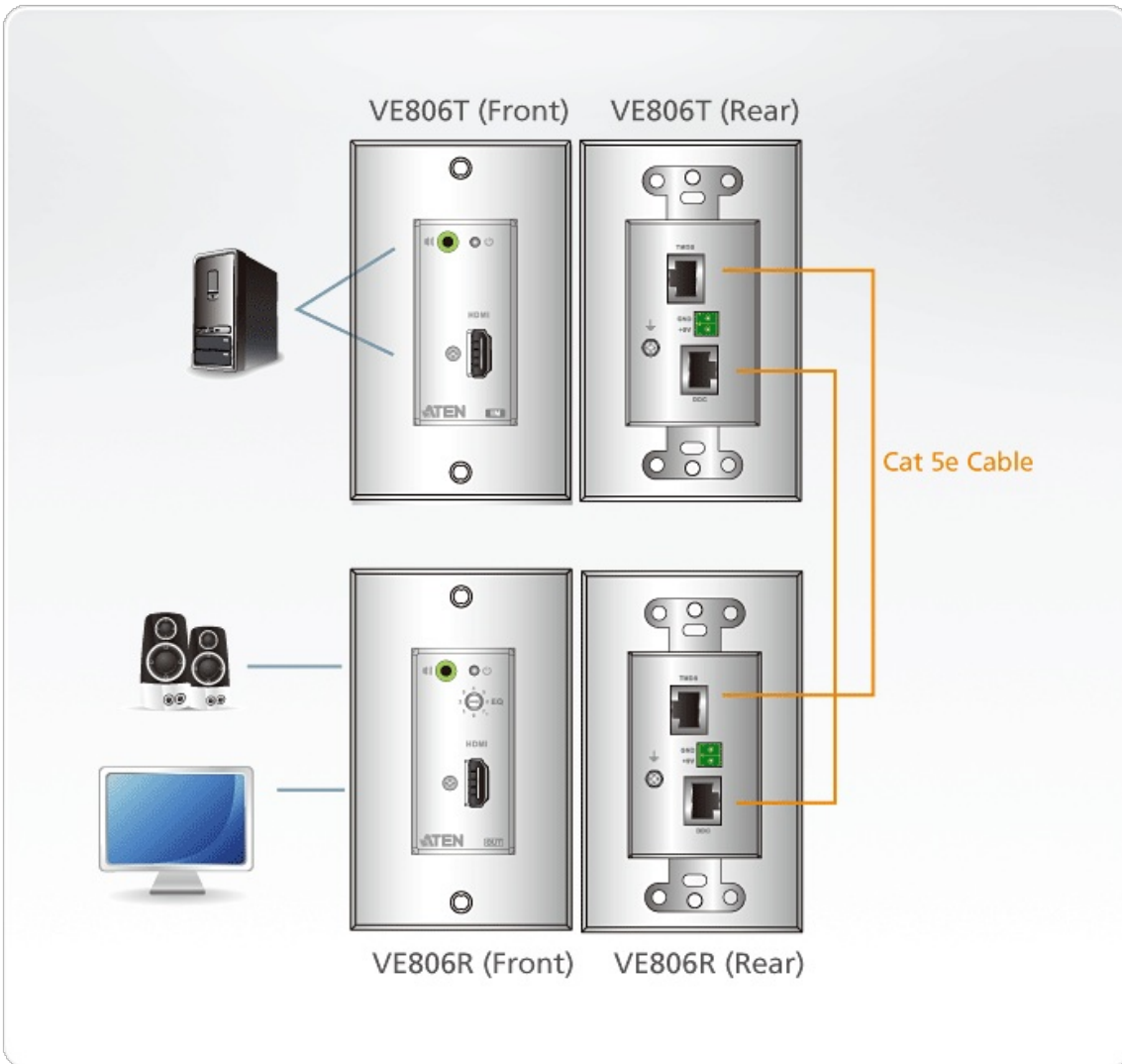
\*\*A power adapter is provided with this package, and can be used at either the Transmitter or Receiver side, which in turn remotely powers the other unit.

**Specifications**

Function	VE806R	VE806T
Video Input		
Interfaces	N/A	1 x HDMI Type A Female (Black)
Impedance	N/A	100 Ω
Max. Distance	N/A	3 m (2L-7D03H)
Video Output		
Interfaces	1 x HDMI Type A Female (Black)	N/A
Impedance	100 Ω	N/A
Max. Distance	3 m (2L-7D03H)	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) HDCP Compatible	HDMI (3D, Deep Color) 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	DC9V:2.33W:11BTU
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	10.41 x 4.44 x 4.00 cm

H)	(4.1 x 1.75 x 1.57 in.)	(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



**ATEN International Co., Ltd.**

3F, No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
 Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
 www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.  
 ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.  
 All rights reserved. All other trademarks are the property of their respective owners.