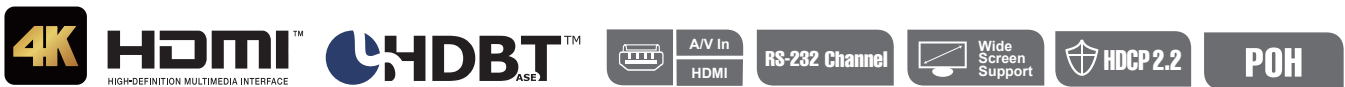


# HDMI HDBaseT-Lite Transmitter with EU / US Wall Plate / PoH VE1801AEUT / VE1801AUST

The ATEN VE1801AEUT / VE1801AUST HDMI HDBaseT-Lite transmitter delivers 4K signals up to 40 m over a single Cat 5e/6/6a or ATEN 2L-2910 Cat 6 cable, ensuring users to stabilize HDMI signal transmission with support of 3D, Deep color and embedded HD lossless audio formats. During high-quality video transmission, the transmitter can resist signal interference with the equipped HDBaseT Anti-jamming technology and offer a reliable signal extension.

The VE1801AEUT / VE1801AUST can be easily mounted in a 1-gang junction box with EU / US wall plate, concealing bulky cable setups and presenting needed information in sight. In addition, with built-in PoH (Power over HDBaseT) function, the VE1801AEUT / VE1801AUST receives power supply from a connected PoH PSE supported receiver and streamlines complex power line deployment.

Expanding on previous models by the share function, the VE1801AEUT / VE1801AUST can remotely switch source when connecting to a compatible receiver, e.g., VP1421, bringing users for more convenient AV extension. This compact transmitter provides a neat and simple installation on walls or tables, enabling users to elegantly immerse their AV applications into any environment. Therefore, the VE1801AEUT / VE1801AUST is ideal for use in meeting rooms, digital educational environments or any application requiring stable high-quality transmission and effortless installation.



VE1801AEUT Front View



VE1801AEUT Rear View



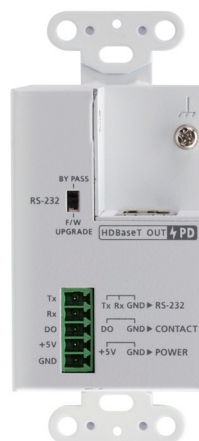
VE1801AEUT Top View



VE1801AUST Front View



VE1801AUST Rear View



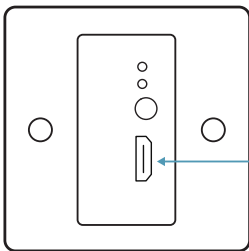
VE1801AUST Top View



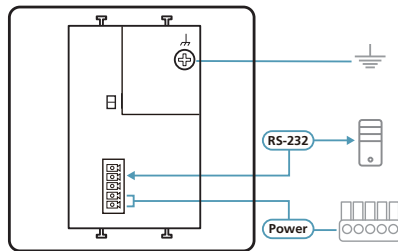
## Features

- Extends HDMI signals with superior video quality over a single Cat 5e/6/6a cable or ATEN 2L-2910 Cat 6 cable
  - 4K up to 40 m
  - 1080p up to 70 m
- Built-in PoH (Power over HDBaseT) function — the VE1801AEUT / VE1801AUST receives power supply from the HDBaseT output port
- HDMI (3D, Deep color, 4K); HDCP 2.2 compliant
- Designed to mount in a 1-gang junction box with EU / US wall plate
- Supports RS-232 channel transmission
- Consumer Electronics Control (CEC) allows interconnected HDMI devices to communicate and respond to a single remote control
- HDBaseT Anti-jamming — resists signal interference during high-quality video transmission using HDBaseT technology
- Share function — the VE1801AEUT / VE1801AUST can remotely switch source when connecting to a compatible receiver, e.g., VP1421
- LED indication of device status
- Supports wide screen format
- Built-in 8KV / 15KV ESD protection
- Plug-and-play

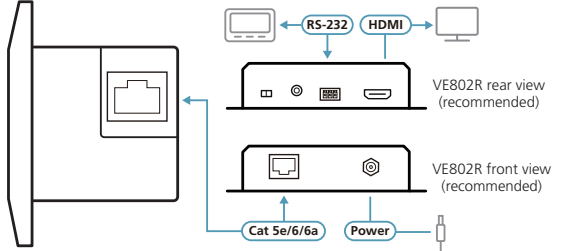
**VE1801AEUT**  
Front View



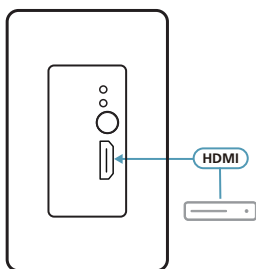
Rear View



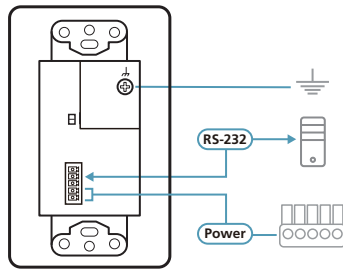
Top View



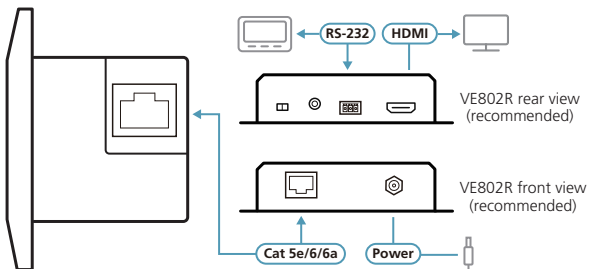
**VE1801AUST**  
Front View



Rear View



Top View



## Specifications

	VE1801AEUT	VE1801AUST
<b>Video Input</b>		
Interfaces	1 x HDMI Type A Female (Black)	
Impedance	100 Ω	
Max. Distance	3 m	
<b>Video</b>		
Max. Data Rate	10.2Gbps (3.4Gbps per lane)	
Max. Pixel Clock	340 MHz	
Compliance	HDMI (3D, Deep Color, 4K) HDCP 2.2 Compatible Consumer Electronics Control (CEC)	
Max. Resolutions / Distance	Up to 4K @ 35 m (Cat 5e/6) / 40 m (Cat 6a/ATEN 2L-2910 Cat 6); 1080p @ 60 m (Cat 5e/6) / 70 m (Cat 6a/ATEN 2L-2910 Cat 6) *4K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)	
<b>Audio</b>		
Input	1 x HDMI Type A Female (Black)	
<b>Control</b>		
RS-232 Channel	1 x Terminal Block (3 pole, Tx/Rx/GND, Green)	
Contact Out	1 x Terminal Block (2 pole, DO/GND, Green)	
<b>Connectors</b>		
Unit to Unit	1 x RJ-45 Female	
Power	1 x Terminal Block (2 pole, +5V/GND, Green) or 1 x RJ-45 Female (PoH)	
<b>Power Consumption</b>	DC5V: 3.26W: 15BTU PoH: 4W: 19BTU	DC5V: 3.26W: 15BTU PoH: 4W: 19BTU
<b>Environmental</b>		
Operating Temperature	0 – 40°C	
Storage Temperature	-20 – 60°C	
Humidity	0 – 80% RH, Non-condensing	
<b>Physical Properties</b>		
Housing	Metal	
Weight	0.20 kg	0.21 kg
Dimensions (L x W x H)	6.86 x 4.44 x 5.00 cm	10.41 x 4.44 x 5.00 cm
Faceplate Dimensions (L x W x H)	8.60 x 8.60 x 1.60 cm	11.39 x 6.99 x 0.64 cm

### ATEN International Co., Ltd.

3F, No.125, Sec. 2, Datung 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

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