

## VE1801EUT

HDMI HDBaseT-Lite Transmitter with EU Wall Plate (4K@40m) (HDBaseT Class B)



ATEN VE1801EUT is a transmitter designed to reliably send 4K signals up to 40 m over a single Cat 5e/6/6a or ATEN [2L-2910](#) Cat 6 cable. With EU Wall Plate design, the VE1801EUT can be conveniently mounted in a one-gang junction box. For HDMI signal transmission, it supports 3D, Deep Color, and embedded HD lossless audio formats.

The compact wall plate design does away with bulky cables, allowing a neat and convenient installation. Therefore, VE1801EUT is specifically designed for use in meeting rooms, digital educational environment or wherever needed to meet application requirements.



### Features

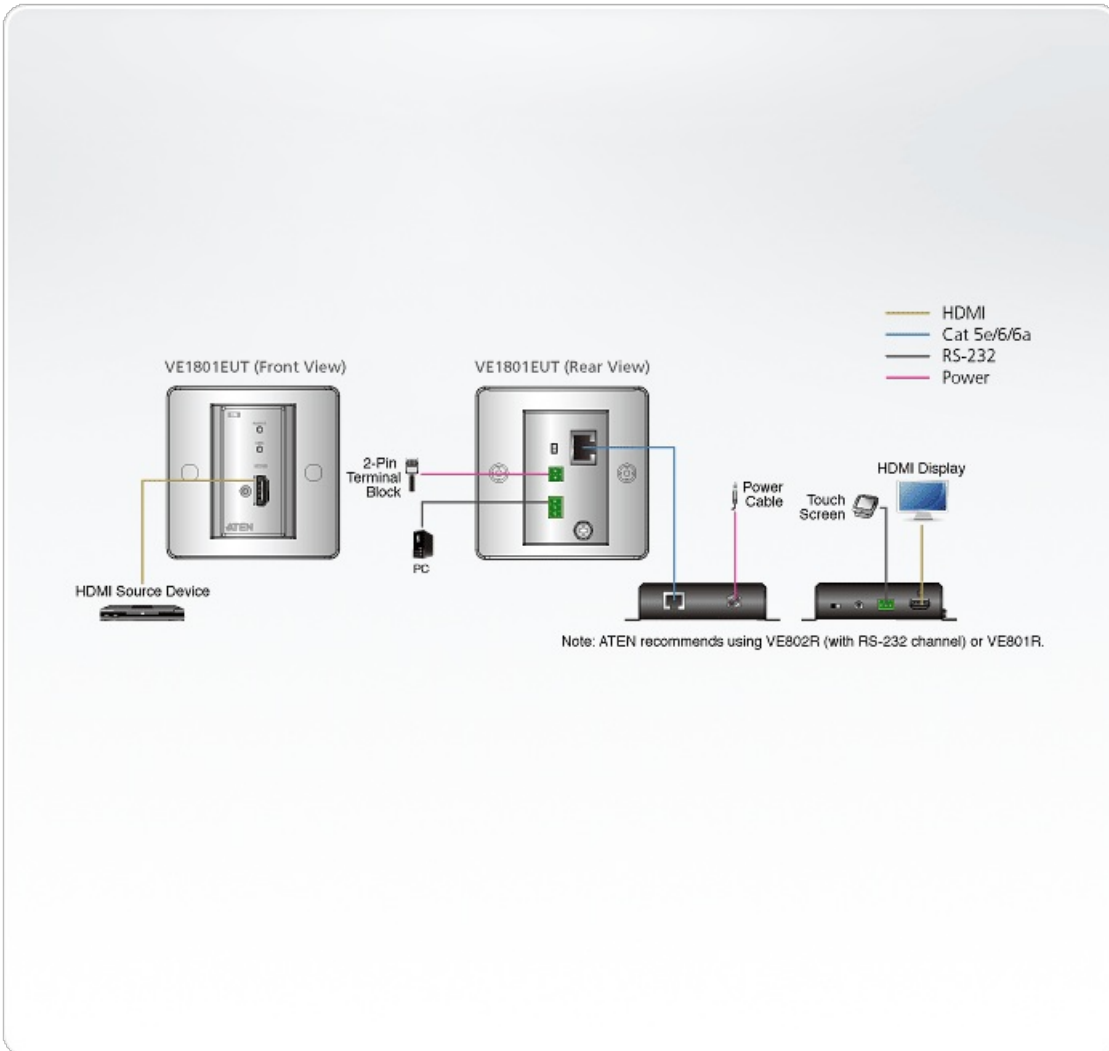
- Extends HDMI signals with superior video quality over a single Cat 5e/6/6a or ATEN [2L-2910](#) Cat 6 cable
  - 4K up to 40 m
  - 1080p up to 70 m
- HDMI 1.4 (3D, Deep color, 4K); HDCP 2.2 compliant
- Designed to mount in a one-gang junction box
- Supports RS-232 channel transmission
- Consumer Electronic 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
- LED indication of device status
- Supports widescreen format
- Built-in 8KV / 15 KV ESD protection
- Plug-and-play

### Specifications

|               |                                |
|---------------|--------------------------------|
| Video Input   |                                |
| Interfaces    | 1 x HDMI Type A Female (Black) |
| Impedance     | 100Ω                           |
| Max. Distance | 3 m                            |
| Video         |                                |

|                                  |  |
|----------------------------------|--|
| Max. Data Rate                   | 10.2Gbps (3.4Gbps per lane)  |
| Max. Pixel Clock                 | 340 MHz  |
| Compliance                       | HDMI (3D, Deep Color, 4K)<br>HDCP Compatible<br>Consumer Electronics Control (CEC)   |
| Max. Resolutions / Distance      | Up to 4K@35m (Cat 5e/6) / 40m (Cat 6a/ATEN 2L-2910 Cat6);<br>1080p@60m (Cat 5e/6) / 70m (Cat 6a/ATEN 2L-2910 Cat6)<br>*4K supported:<br>4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0);<br>4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)  |
| Audio                            |  |
| Input                            | 1 x HDMI Type A Female (Black)   |
| Control                          |  |
| RS-232 Channel                   | 1 x Terminal Block, (3 pole, Green)  |
| Connectors                       |  |
| Unit To Unit                     | 1 x RJ-45 Female   |
| Power                            | 1 x Terminal Block (2 pole, Green)   |
| Power Consumption                | DC5V:1.749W:8BTU/h<br><br>Note:<br><ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul> |
| Environmental                    |  |
| Operating Temperature            | 0 - 40°C   |
| Storage Temperature              | -20 - 60°C   |
| Humidity                         | 0% - 80% RH, Non-condensing  |
| Physical Properties              |  |
| Housing                          | Metal  |
| Weight                           | 0.17 kg ( 0.37 lb )  |
| Dimensions (L x W x H)           | 6.86 x 4.44 x 4.10 cm<br>(2.7 x 1.75 x 1.61 in.)   |
| Faceplate Dimensions (L x W x H) | 8.60 x 8.60 x 1.60 cm<br>(3.39 x 3.39 x 0.63 in.)  |
| 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.