

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 <u>2L-2910</u> 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

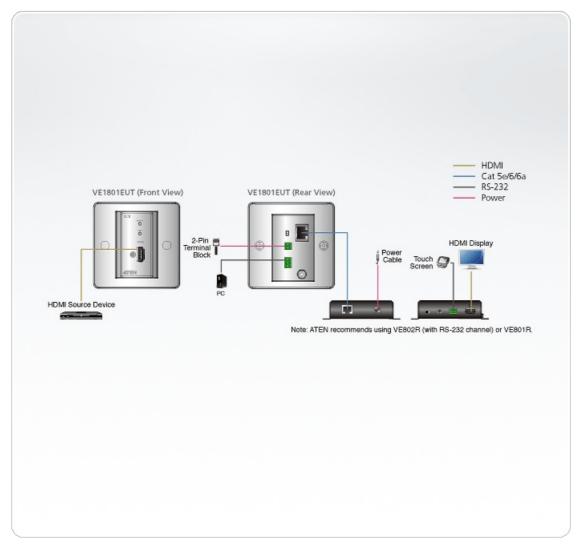
| Video Input | |
|---------------|--------------------------------|
| Interfaces | 1 x HDMI Type A Female (Black) |
| Impedance | 100Ω |
| Max. Distance | 3 m |
| Video | |



| Max. Data Rate | 10.2Gbps (3.4Gbps per lane) |
|-------------------------------------|--|
| Max. Pixel Clock | 340 MHz |
| Compliance | HDMI (3D, Deep Color, 4K) HDCP Compatible Consumer Electronics Control (CEC) |
| Max. Resolutions / Distance | Up to 4K@35m (Cat 5e/6) / 40m (Cat 6a/ATEN 2L-2910 Cat6); 1080p@60m (Cat 5e/6) / 70m (Cat 6a/ATEN 2L-2910 Cat6) *4K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 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 |
| | Note: The measurement in Watts indicates the typical power consumption of the device with no external loading. The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. |
| Environmental | ł |
| 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 (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 (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



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