

DisplayPort HDBaseT-Lite Transmitter with EU / US Wall Plate / PoH VE1901AEUT / VE1901AUST

The ATEN VE1901AEUT / VE1901AUST DisplayPort 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 DisplayPort signal transmission with support of 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 VE1901AEUT / VE1901AUST can be easily mounted in a 1-gang junction box with EU / US wall plate, concealing bulky cable setups and presenting the needed information in sight. In addition, with built-in PoH (Power over HDBaseT) function, the VE1901AEUT / VE1901AUST receives power supply from a connected PoH PSE (Power Source Equipment) supported receiver and streamlines complex power line deployment.

With the share function, the VE1901AEUT / VE1901AUST 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 VE1901AEUT / VE1901AUST is ideal for use in meeting rooms, digital educational environments or any application requiring stable high-quality transmission and effortless installation.



VE1901AEUT Front View



VE1901AEUT Rear View



VE1901AEUT Top View



VE1901AUST Front View



VE1901AUST Rear View



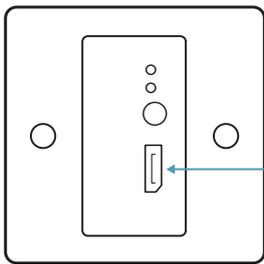
VE1901AUST Top View



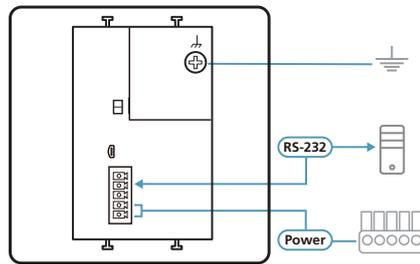
Features

- Extends DisplayPort 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 VE1901AEUT / VE1901AUST receives power supply from the HDBaseT output port
- DisplayPort (Deep Color, 4K); HDCP compliant
- Designed to mount in a 1-gang junction box with EU / US wall plate
- Supports RS-232 channel transmission
- HDBaseT Anti-jamming — resists signal interference during high-quality video transmission using HDBaseT technology
- Share function — the VE1901AEUT / VE1901AUST can remotely switch source when connecting to a compatible receiver, e.g., VP1421
- LED indication of device status
- Built-in 8KV / 15KV ESD protection
- DC power and PoH for power redundancy
- Plug-and-play

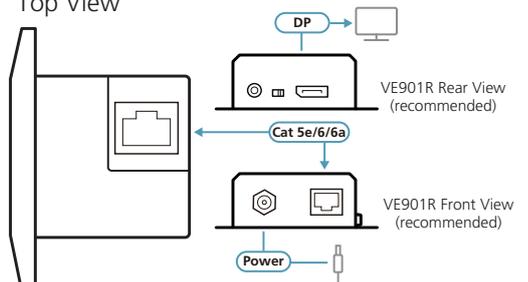
VE1901AEUT
Front View



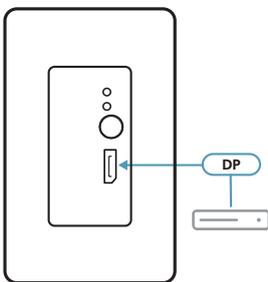
Rear View



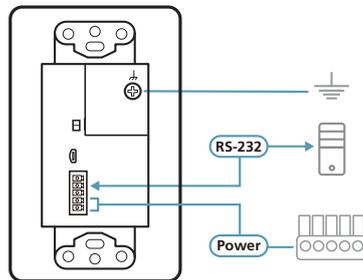
Top View



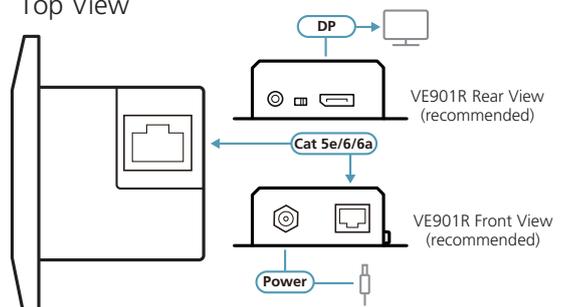
VE1901AUST
Front View



Rear View



Top View



Specifications

	VE1901AEUT	VE1901AUST
Video Input		
Interfaces	1 x DisplayPort Female (Black)	
Impedance	100 Ω	
Max. Distance	3 m	
Video		
Max. Data Rate	10.2Gbps (3.4Gbps per lane)	
Max. Pixel Clock	297 MHz	
Compliance	DisplayPort (Deep Color, 4K) HDCP Compatible	
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 @ 30Hz (4:4:4)	
Audio		
Input	1 x DisplayPort Female (Black)	
Control		
RS-232 Channel	1 x Terminal Block (3 pole, Tx/Rx/GND, Green)	
Contact Out	1 x Terminal Block (2 pole, DO/GND, Green)	
Connectors		
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)	
Power Consumption	DC5V: 2.97W: 14BTU PoH: 3.71W: 17BTU	DC5V: 2.97W: 14BTU PoH: 3.71W: 17BTU
Environmental		
Operating Temperature	0 – 40°C	
Storage Temperature	-20 – 60°C	
Humidity	0 – 80% RH, Non-condensing	
Physical Properties		
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

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