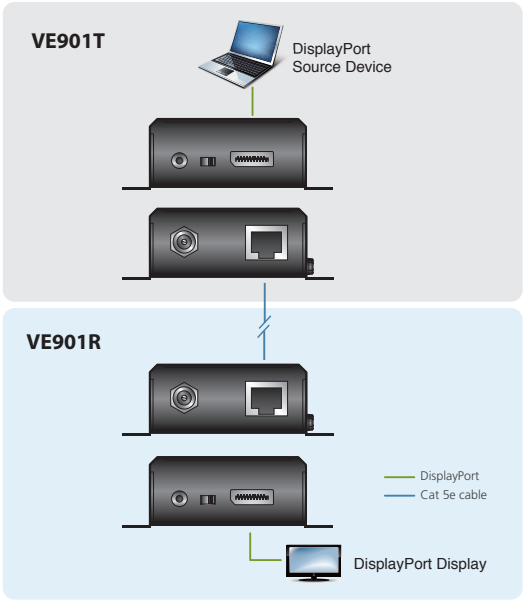
DisplayPort HDBaseT-Lite Extender

VE901

The VE901 DisplayPort HDBaseT-Lite Extender is able to extend a DisplayPort display up to 70 m using a Cat 6/6a/ATEN 2L-2910 Cat 6 cable. This combination of ATEN and HDBaseT™ technology supports sharing 4K media up to 40 m away, offering a simple, adaptable, and cost-effective solution for any professional A/V installation.

The VE901 DisplayPort HDBaseT-Lite Extender is the perfect solution for professional A/V installations that require video signal interference protection, such as in medical and military installations. With its lightweight and easy-to-mount design, and a slip-resistant DC Jack lock mechanism, the VE901 can be installed in a multitude of locations while ensuring peace of mind with its reliability.



Features

- HDBaseT Connectivity – extends a DisplayPort connection up to 70 meters via a single Cat 6a cable or ATEN 2L-2910 Cat 6 cable
- DisplayPort v1.1*; HDCP 1.4 compliant
- Superior video quality – 4K @ 35 m (Cat 5e/6) / 40 m (Cat 6a/ ATEN 2L-2910 Cat 6 cable) and 1920 x 1080 @ 60m (Cat 5e/6) / 70m (Cat 6a/ATEN 2L-2910 Cat 6 cable)
- HDBaseT Anti-Jamming – resists signal interference during video transmission using HDBaseT technology
- Featuring 3.3V / 500mA power output for powering auxiliary devices
- Plug-and-play
- Rack-Mountable

*Note: DisplayPort v1.1 supports up to 4K2K @ 30Hz.

Specifications

Function	VE901R	VE901T
Video Input		
Interfaces	N/A	1 x DisplayPort Female (Black)
Impedance	N/A	100 Ω
Max. Distance	N/A	1.5 m
Video Output		
Interfaces	1 x DisplayPort Female (Black)	N/A
Impedance	100 Ω	N/A
Video		
Max. Data Rate	10.2Gbps (3.4Gbps per lane)	10.2Gbps (3.4Gbps per lane)
Max. Pixel Clock	297 MHz	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 cable); 1080p @ 60 m (Cat 5e/6) / 70 m (Cat 6a/ATEN 2L-2910 Cat 6 cable) ***4K supported:** 4096 x 2160 / 3840 x 2160 @ 30 Hz (4:4:4)	
Audio		
Input	N/A	1 x DisplayPort Female (Black)
Output	1 x DisplayPort Female (Black)	N/A
Connectors		
Power	1 x DC Jack (Black) with locking	
Consumption	DC5V: 5.72W	DC5V: 2.84W
Environmental		
Operating Temperature	0° to 40° C	0° to 40° C
Storage Temperature	-20° to 60° C	-20° to 60° C
Humidity	0 - 80% RH, Non-Condensing	
Physical Properties		
Housing	Metal	Metal
Weight	0.27 kg	0.24 kg
Dimensions (L x W x H) with bracket	9.77 x 8.70 x 3.00 cm	9.77 x 8.70 x 3.00 cm
Dimensions (L x W x H) without bracket	9.42 x 6.60 x 2.90 cm	9.42 x 6.60 x 2.90 cm

Product information is subject to change without prior notice.

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