

# DisplayPort HDBaseT-Lite Extender VE901

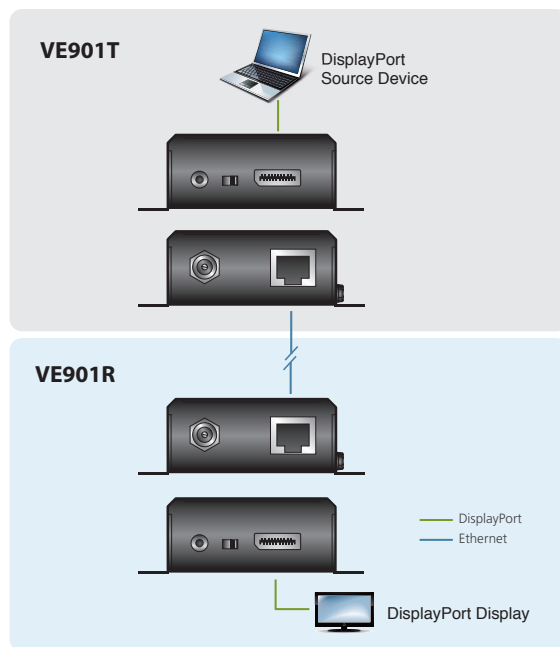
- The VE901 DisplayPort HDBaseT-Lite Extender is able to extend a DisplayPort display up to 70 m using a Cat 6 / 6a cable. This combination of ATEN and HDBaseT™ technology supports sharing 4K media up to 40 m away, offering a simple, adaptable, and cost-effective solution for any professional A/V installation.

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 6/6a cable
- HDBaseT Anti-Jamming – resists signal interference during video transmission using HDBaseT technology
- Featuring 3.3V / 500mA power output for powering auxiliary devices
- Rack-Mountable



## 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            | 340 MHz                                                                                                                                                                                             | 340 MHz                        |
| Compliance                  | DisplayPort (Deep Color, 4K)<br>HDCP Compatible                                                                                                                                                     |                                |
| Max. Resolutions / Distance | Up to 4K @ 35 m (Cat 5e/6) / 40 m (Cat 6a);<br>1080p @ 60 m (Cat 5e/6) / 70 m (Cat 6a)<br>*4K supported:<br>4096 x 2160 / 3840 x 2160 @ 60 Hz (4:2:0);<br>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                            |
| Power                       |                                                                                                                                                                                                     |                                |
| Connectors                  | 1 x DC Jack (Black) with locking                                                                                                                                                                    |                                |
| Consumption                 | DC 5V, 7.95 W                                                                                                                                                                                       | DC 5V, 3.13 W                  |
| 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                      | 0.25 kg                                                                                                                                                                                             | 0.25 kg                        |
| Dimensions (L x W x H)      | 10.30 x 8.70 x 3.00 cm                                                                                                                                                                              | 10.30 x 8.70 x 3.00 cm         |

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