

## VE901R

DisplayPort HDBaseT-Lite Receiver (4K@40m; 1080p@70m)



The VE901R DisplayPort HDBaseT-Lite Receiver 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 VE901R DisplayPort HDBaseT-Lite Receiver is the perfect choice 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 VE901R 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 4Kx2K @ 30Hz.

**Specifications**

|  |  |
|--|--|
| Video Output                           |  |
| Interfaces                             | 1 x DisplayPort Female (Black)   |
| Impedance                              | 100 Ω  |
| Video                                  |  |
| Max. Data Rate                         | 10.2Gbps (3.4Gbps per lane)  |
| Max. Pixel Clock                       | 297 MHz  |
| Compliance                             | DisplayPort (Deep Color, 4K)<br>HDCP Compatible  |
| 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 @ 30Hz (4:4:4)   |
| Audio                                  |  |
| Input                                  | N/A  |
| Output                                 | 1 x DisplayPort Female (Black)   |
| Connectors                             |  |
| Power                                  | 1 x DC Jack (Black) with locking   |
| Unit To Unit                           | 1 x RJ-45 Female   |
| Power Consumption                      | DC5V:5.72W:27BTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. |
| Environmental                          |  |
| Operating Temperature                  | 0-40°C   |
| Storage Temperature                    | -20 - 60°C   |
| Humidity                               | 0 - 80% RH, Non-Condensing   |
| Physical Properties                    |  |
| Housing                                | Metal  |
| Weight                                 | 0.27 kg ( 0.59 lb )  |
| Dimensions (L x W x H) with bracket    | 9.77 x 8.70 x 3.00 cm<br>(3.85 x 3.43 x 1.18 in.)  |
| Dimensions (L x W x H) without bracket | 9.42 x 6.60 x 2.90 cm<br>(3.71 x 2.6 x 1.14 in.)   |

Diagram

