ComX Computers
Product Specification Sheet

VE901

Aten VE901 DisplayPort HDBaseT-Lite Extender

Product Overview

Aten VE901 DisplayPort HDBaseT-Lite Extender (4K@40m; 1080p@70m) (HDBaseT Class B)



Specifications

Overview:

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 4Kx2K @ 30Hz

Specifications:

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Specifications	
Product Code	VE901
Video Input - VE901R	
Interfaces	N/A
Impedance	N/A
Max. Distance	N/A
Video Output	
Interfaces	1 x DisplayPort Female (Black)
Impedance	100 ohm
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@35m (Cat 5e/6) / 40m (Cat 6a);
	1080p@60m (Cat 5e/6) / 70m (Cat 6a)
	*4K supported:
	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
Power Consumption	DC5V:5.72W:27BTU
Environmental	
Operating Temperature	0-40 degreesC
Storage Temperature	-20 - 60 degreesC
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
	(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
	(3.71 x 2.6 x 1.14 in.)
Video Input - VE901T	
Interfaces	1 x DisplayPort Female (Black)
Impedance	100 ohm
Max. Distance	1.5 m
Video Output	
Interfaces	N/A
Impedance	N/A
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@35m (Cat 5e/6) / 40m (Cat 6a);
	1080p@60m (Cat 5e/6) / 70m (Cat 6a)
	*4K supported:
	4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)
Audio	
Input	1 x DisplayPort Female (Black)
Output	N/A
Connectors	
Power	1 x DC Jack (Black) with locking
Power Consumption	DC5V:2.84W:13BTU
Environmental	
Operating Temperature	0-40 degreesC
Storage Temperature	-20 - 60 degreesC
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.24 kg (0.53 lb)
Dimensions (L x W x H) with bracket	9.77 x 8.70 x 3.00 cm
	(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
	(3.71 x 2.6 x 1.14 in.)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/VE901-Aten-VE901-DisplayPort-HDBaseT-Lite-Extender-p-295039.php

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