

Vi3002W

MaxiiNet™ Hardened Weatherproof Ethernet and 60W PoE++ Repeater

Features

- Extends Ethernet and 60W PoE range up to 656 ft. (200m)
- PoE powered with no need for local power
- Conforms to IP67 standards for total moisture and dust protection
- IEC60068-252 certified for operation in salt laden environments
- Complies with UPoE
- No network configuration required
- Full network bandwidth 10/100Mbps for transmitting the highest megapixel cameras
- Pass-Through-PoE up to 60W for high power PTZ cameras
- Extremely compact size enables easy installation
- Multiple Vi3002Ws can be used to extend IP video and PoE at distances up to 3000ft.



Vigitron's MaxiiNet™ Vi3002W is an Ethernet and 60W PoE repeater that provides a cost effective method for extending distances beyond the Ethernet limit of 328 feet (100m) for IT or CCTV installations. Each unit can extend Ethernet and PoE for 328 feet (100m). Up to 8 units can be combined to achieve a distance up to 3,000 feet (909m) for IP video and PoE transmission. The Vi3002W is a high performance device that meets the demands for the highest PoE powered PTZ domes and LED lighting eliminating the need for local power.

The Vi3002W conforms to IP67 and is designed for the hardest environmental conditions with total dust protection, water immersion, and an operating temperature range of -20°C to +70°C. It uses PoE only and its patent pending Pass-Through-PoE (PTPTM) eliminates the need for local power supplies. Complies with UPoE.

It is compact in size and easy to install. The Vi3002W is very cost effective and is a perfect solution for any extended IP transmission applications.



The Smart Choice for Transmission Solutions

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DSVi3002W_0719

Technical Specification*

Electrical

Data Rate	10/100BaseTX (10/100Mbps) Auto-configuring
Power Transmission Standard	802.3af (15.4W), 802.3at (30W), UPoE (74W)
Network Connection	2 x RJ45 IEC 60603-7
Wiring Support	1 or 4 pair Cat 5/5e/6
Power Consumption	1W (PoE only)
Extended Distance Supported	328 ft. (100m) per link
Data Interfaces and Compliances	RFC 768 UDP, RFC 2068 HTTP RFC 793 TCP, RFC 791 IP RFC 1783 TFTP, RFC 894 IP over Ethernet RFC 2544 TCP/IP Packet Transmission
PoE Compatibility	802.3af, 802.3at, 802.3 bt 60W PoE+ +

Ordering Information

PART No.	Description
Vi3002W	Weatherproof Ethernet and 60W PoE Repeater

Mechanical

Dimensions	6.83x1.57x1.83 in., 17.35x3.99x4.65 cm (HxWxL)
Weight	0.50 lb, 227 g
Material	ABS

Environmental

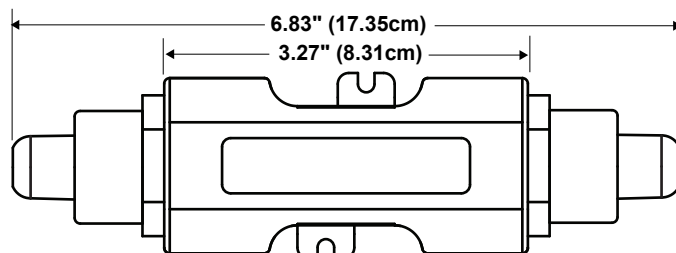
Humidity	Total Moisture Protection Compliant to IP67
Temperature	Operating: -20°C to +70°C per NEMA-TS2 Testing** Storage: -40°C to +85°C
Dust	Total Dust Protection Compliant to IP67
Environment	IEC 60068-252 Salt Laden

Regulatory

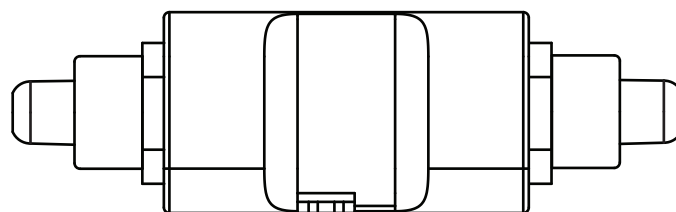
Safety	CE, FCC
Environmental	RoHS, WEEE

*Specifications subject to change without notice.

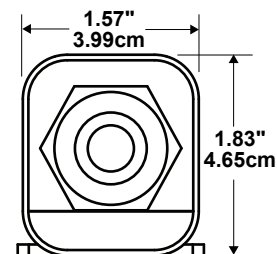
**Vigatron "W" are designed as self contained to comply with specific environmental standard. Operating in conditions other than free air with proper ventilation will affect performance and may void warranty.



Top View



Front View



Side View



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Application Diagrams



A single Vi3002W extends Ethernet and PoE for an extra 328 ft. (100m)



A single Vi3002W extends Ethernet and 60W PoE for an extra 328 ft. (100m)



Multiple Vi3002Ws can be used to extend IP video and PoE at distances up to 3000ft.

PoE	Distance	# of Vi3002W
60W	428 ft. (130m)	1
50W	800 ft. (242m)	2
25.5W	1,200 ft. (364m)	3
12.95W	2,500 ft. (758m)	7
6.5W	3,000 ft. (909m)	8

The maximum reach of PoE for Multiple Vi3002Ws.