

# ZeveCom & ZeveCom WiFi

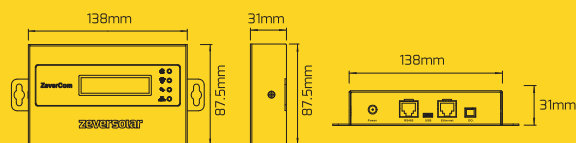
The ZeveCom is a cost effective monitoring and control solution designed for the residential home owner. It is the gateway to our ZeveCloud monitoring portal which lets you view the real time PV system performance and creates regular performance reports which can be sent via email to the home owner. The graphical user interface makes configuration and system commissioning simple whilst allowing the possibility of grid feed-in management such as power limitation. The addition of a digital output port allows you to control external loads or devices to allow you to better manage your energy production and consumption.



## Features

- System monitoring via the ZeveCloud Portal
- Integrated webservice
- Communicates with up to 5 inverters
- Standard RS485 interface
- Remote monitoring via Ethernet or WiFi
- Power limit setting
- Integrated multi-function switch/relay
- Earth fault alarm conformity with AS/NZS 5033
- Zero export control conformity with Australia Ergon&Energex guideline
- 5 days of storage for a PV plant with 5 inverters

## Dimensions



Model	ZeveCom	ZeveCom WiFi
<b>Electrical Data</b>		
Power requirements	DC 7.5-12V / 300mA	DC 7.5-12V / 300mA
Max. power consumption	1.5W	2.5W
Power supply	Self-powered <sup>1)</sup> / power adapter optional	Self-powered <sup>1)</sup> / power adapter optional
<b>User Interface</b>		
Digital output	•	•
Digital input	-	-
Ethernet 10/100 Mbit/s	•	•
WiFi (2.4GHz, 802.11 b/g/n, WEP,WPA,WPA2,PSK)	-	•
RS485	• / x 2	• / x 2
LCD	16 x 2 characters	16 x 2 characters
LED	x 4	x 4
<b>Communication range</b>		
RS485	1000 m	1000 m
Ethernet	100 m	100 m
<b>Mechanical data</b>		
Dimensions (W x H x D)	138 x 31 x 87.5mm	138 x 31 x 87.5mm
Weight	230g	260g
Installation	wall, indoor	wall, indoor
<b>Environmental conditions</b>		
Operation	-10°C ... +60°C / +14°F ... +140°F	-10°C ... +60°C / +14°F ... +140°F
Storage and shipment	-30°C ... +80°C / -22°F ... +176°F	-30°C ... +80°C / -22°F ... +176°F
Relative humidity (non-condensing)	5% ... 95%	5% ... 95%
Protection class	IP20	IP20
<b>General data</b>		
ZeveCloud support	•	•
Integrated webservice	•	•
Multi-language support	EN, DE	EN, DE
Certificates and approvals	CE	CE
<b>Feature</b>		
Number of connected inverters	Max. 5	Max.5
Inverter fault alarm output	•	•
Multi-Function Switch	•	•
Active power limit setting	•	•
Storage	5 days	5 days
Firmware update	Ethernet	Ethernet / WiFi

• standard ◦ optional - not available

1) Communication cable length between inverter and ZeveCom should not exceed 20m

As of April, 2016 / Technical data is subject to revisions.

# ZeveManager

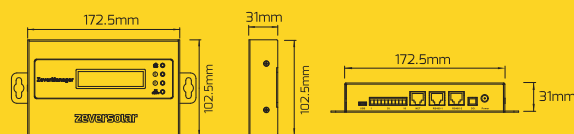
The ZeveManager is our monitoring and control solution specifically designed for large PV systems. It is the gateway to our ZeveCloud monitoring portal which lets you view the real time PV system performance and create regular performance reports which can be sent via email to the plant operator. The graphical user interface makes configuration and system commissioning simple whilst allowing the possibility of grid feed-in management such as power management and power factor control.



## Features

- System monitoring via the ZeveCloud Portal
- Integrated webservice
- Communicates with up to 50 inverters
- Standard RS485 interface
- Remote monitoring via Ethernet
- Power management capability incl. digital input
- Integrated multi-function switch/relay
- Earth fault alarm conformity with AS/NZS 5033
- Zero export control conformity with Australia Ergon&Energex guideline
- 5 days of storage for a PV plant with 50 inverters

## Dimensions



Model	ZeveManager
<b>Electrical Data</b>	
Power requirements	DC 7.5-12V / 300mA
Max. power consumption	2.5W
Power supply	Power adapter
<b>User Interface</b>	
Digital output	•
Digital input	• / x 4
Ethernet 10/100 Mbit/s	•
WIFI (2.4GHz, 802.11 b/g/n)	-
RS485 (RJ45)	• / x 2
Micro USB	•
LCD	16 x 2 characters
LED	• / x 4
<b>Communication range</b>	
RS485	1000 m
Ethernet	100 m
<b>Mechanical data</b>	
Dimensions (W x H x D)	172.5 x 31 x 102.5mm
Weight	350g
Installation	wall, indoor
<b>Environmental conditions</b>	
Operation	-10°C ... +60°C / +14°F ... +140°F
Storage and shipment	-30°C ... +80°C / -22°F ... +176°F
Relative humidity (non-condensing)	5% ... 95%
Protection class	IP20
<b>General data</b>	
ZeveCloud support	•
Integrated webservice	•
Multi-language support	EN, DE
Certificates and approvals	CE
<b>Feature</b>	
Number of connected inverters	Max. 50
Inverter fault alarm output	•
Multi-Function Switch	•
Active power limit setting	•
Power management <sup>1)</sup>	•
Storage	5 days
Firmware update	Ethernet, USB

• standard ◦ optional - not available  
 1) Available only for selected country code settings