

## General Specifications Control and monitoring solutions

### PVI-DESKTOP

#### *Simple, powerful, effective and upgradable*

The Aurora® PVI-DESKTOP is the ideal monitoring solution for residential and small commercial photovoltaic applications. Wireless installation, radio communication with the monitored devices and touch screen colour TFT display make the PVI-DESKTOP an appealing solution to customers who want to have production data and devices status available at a glance without use of either computer or internet connection. The software is easily upgradable by free downloading from the web.

#### *Features*

- Elegant design.
- 120x90x35 mm (W x H x D).
- Portable display module with Rechargeable Lithium-Ion battery.
- 3"1/2 touch screen TFT Colour RGB.
- USB 2.0 port and Bluetooth for PC data download and software upgrading.
- Extended memory on SD card.
- Radio transmission 868MHz (Europe) or 915MHz (North America).
- Up to 300 meters (1000 ft) operating range from inverters.
- Communicate with up to 6 AURORA devices.
- RS485 port for optional wired communication with inverters
- Mono audio speaker



#### *Flexibility*

- Triple power supply (DC, USB, integrated Lithium battery)
- Table top or wall mounting.
- Back up time: Up to 3 weeks with fully charged battery.
- Battery recharge through either AC adapter or USB Hi-Power port.
- Very large data storage capability (through standard SD Card)
- Free firmware upgrading [www.power-one.com](http://www.power-one.com)
- Complete, easy and friendly data collection and representation

### Desktop HighLights



CHARACTERISTICS	AURORA DESKTOP
<b>INVERTER COMMUNICATION</b>	
Carrier frequency [MHz]	868MHz - EU / 915MHz - US (user selectable)
Coverage	up to 300mt free space
Wired communication	RS485 port (half duplex 19200bps, 1km)
Inverter compatibility	All AURORA string series (with optional radio transmitter)
Maximum number of inverters	6
<b>PC COMMUNICATION</b>	
Wireless	Bluetooth
Wired communication	Usb 2.0
<b>DISPLAY</b>	
Dimensions [inches]	color 3.5"
Resolution [pixels]	QVGA (320 x 240)
Integrated touch screen	YES, resistive
<b>POWER SUPPLY</b>	
DC	5V/1A
Usb	Yes
Stand alone	Rechargeable Li-Ion battery
<b>STANDARD EQUIPMENT</b>	
Stylus pen	YES
AC Adapter	YES (EU or US version)
Usb cable	YES (1mt)
SD Card	YES (1Gb)
<b>FEATURES</b>	
Data acquisition and display - Inverter	All inverter parameters, data and alarms
Data collection and storage	Internal (SD Card) / Extrenal via AURORA Communicator software
Software Upgrade	Free download from <a href="http://www.power-one.com">www.power-one.com</a>
Languages	IT / EN / ES / DE / FR
Personalized graphical skin	Free download from <a href="http://www.power-one.com">www.power-one.com</a>
<b>ENVIRONMENTAL PARAMETERS</b>	
Ambient Temp. Range [°C]	0°C +40°C
Environmental IP Rating	IP20
Relative Humidity	0-90% non condensing
<b>MECHANICAL</b>	
Dimensions [H x W x D]	90 x 125 x 35
Weight [kg]	0,4

## Operating Configurations

