PVI-DESKTOP

GENERAL SPECIFICATIONS
DESKTOP MODELS

PVI-DESKTOP

Features

- Power-One's PVI-Desktop provides the ability to monitor performance of connected inverters and is ideal for residential and small commercial PV and wind applications

- In addition to wired connectivity (via RS-485), the PVI-Desktop system can also be connected to six targets inverters via a wireless RF tranceiver link capable of connectivity anywhere within 960 feet (free field). The wireless communication requires an optional radio tranceiver module to be installed in each inverter

- The system can be linked to a personal computer via Bluetooth or USB connectivity, and will therefore allow performance monitoring at any location with online access. Energy harvesting data for up to six Aurora inverters can be monitored simultaneously using the PVI-Desktop

AURORA VISION

CHARACTERISTICS	AURORA DESKTOP
INVERTER COMMUNICATION - RADIO	
Radio Communication	915 MHz
Maximum Radio Coverage	960 ft Free Space
Wired Communication	RS 485 (Half Duplex 19200 bps)
Maximum Wired Conenction	3280 ft
PC COMMUNICATION	
Wireless	Bluetooth (Optional)
Wired Communication	USB 2.0
CONNECTIVITY	
Compatibility with Inverters	AURORA® PVI String Series[1]
Maximum Number of AURORA® Inverters	6
FEATURES	
Data Displaying Parameters	All Parameters of AURORA® Inverters[1]
Data Storage Parameters	Power and Energy (by SD Card)
Software Upgrade	USB (AURORA® COMMUNICATOR) or SD Card
Language	DE / EN / ES / FR / IT
POWER SUPPLY	
AC/DC Adapter	5 V, 1 A, 50/60 Hz
USB	Yes
Stand Alone	Rechargeble Li-Ion Battery
DISPLAY	
Dimensions	3.5"
Color	Yes
Resolution	QVGA 320X240 px
Type	Integrated Touch Screen Resistive
EQUIPMENT	
Stylus Pen	Yes
AC Adapter	Yes
USB Cable	Yes
SD Card (1GB)	Yes
ENVIRONMENTAL PARAMETERS	
Ambient Temperature Range in °C (°F)	0/+ 40°C (32/104°F)
Environmental Protection Rating	NEMA 1
Relative Humidity	< 90% Non Condensing
MECHANICAL	
Dimensions H x W x D	3"54 x 4"9 x 1"38
Weight	0.88 lb
Mounting Kit (Desk and Wall)	Yes
AVAILABLE PRODUCT VARIANTS	
Standard	PVI-DESKTOP-US
Bluetooth	PVI-DESKTOP-US-BT

(1) All AURORA® String Series equipped with Radio Transmitter (Optional Feature).

Desktop Highlights

RS485 915MHz 915MHz RS485 915MHz

915MHz

RS485

AURORA Desktop

Bluetooth™

USB 2.0

Personal Computer