SINAPSI
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eSolar CENTRAL

MONITORING SYSTEM FOR PHOTOVOLTAIC PARKS

eSolar CENTRAL is a device for centralized management, local or remote monitoring systems for photovoltaic eSolar. eSolar CENTRAL allows you to provide an aggregated view more eSolar. Find greatest application in the monitoring of large solar parks, where it is necessary to use multiple monitors eSolar.

eSolar CENTRAL returns the user to the overview of the situation of the plant, being able to aggregate up to 10 eSolar.

eSolar CENTRAL is able to communicate with eSolar in the field via ethernet aggregate view of real-time and historical data acquired in the field in graphical and tabular form.
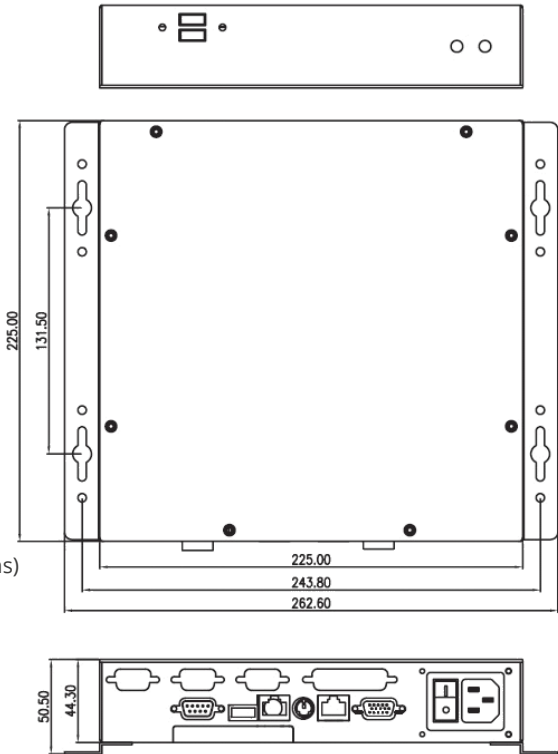
STRENGHTS

- Integrated web interface for easy consultation
- Easy installation and setup
- O&M activities support tool
- Details of technical and economic information
- Management of historical data with the possibility to export multiformat data
- Manage several plant section feature

SYSTEM ELEMENTS

- Standalone monitoring system
- Compatible with cloud monitoring multiplant service SINAPSI DATA SERVICE
- Visualization via web / tablet / smartphone
- Accessories for communications, sensors, advanced communication

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TECHNICAL SPECIFICATIONS

Color	Silver
Costruction	Aluminum and steel
I/O Port system	• 2 x 9-pin D-Sub male connector, COM1, 3 for RS-485 • 1 x 9-pin D-Sub male connector, COM4 for RS-232 • 2 x RJ-45 connector for 10/100Base-T Ethernet • 3 x USB 2.0 connector • 1 x VAC power input connector
Data backup slot	1 x type II CompactFlash™ slot
System indicator	• 1 x green LED for system power-on • 1 x orange LED for memory activity
Power supply	Input rating: 1. VAC100-240 universal/0.5A 2. Max power consumption, 70W 3. Typical power consumption, 16W
Operating temperature	-20°C to 50°C
Storage temperature	-20°C to 80°C
Humidity	10-90% RH (non-condensing)
Vibration endurance	• 2Grms w/ CF (5-500Hz, X, Y, Z directions) • 0.5Grms w/ HDD (5-500Hz, X, Y, Z directions)
Weight	2.15 Kg
Certification	CE
Dimensions	• 225mm (8.86")(W) • 225mm (8.86") (D) • 51mm (2.01") (H)

ORDERING CODE: **SIN.ECEN**

Plug-in for the centralised local or remote management of monitoring systems for eSolar photovoltaic systems (up to 10)