

CentroData™ Centrosolar Data Monitoring System for PV Installations

CentroData PV System Performance Monitor

The CentroData PV system data provides real-time performance tracking, data logging, customized alerts, and diagnostics. The PV system power generation and cost saving data is made available through secure internet portals. Installers access a port to customize their client's views, set alerts, and profile their installed base. A separate secure portal allows system owners to view their own PV system performance and monitor power cost savings. The system includes a standard five (5) year hardware warranty with five (5) year online data viewing service. Extended hardware warranty and services plans are available. Revenue-grade systems are also available.

Features

- Internet access to data from anywhere through secured web portal
- Separate portals for installers and system owners
- The system allows installers to customize the client views and alerts
- Each system monitors instantaneous and historical power generation trends
- Software and firmware updates included through service period
- Easy plug-and-play installation to the PV system inverter (requires inverter communications card, sold separately)
- Connects to router via Ethernet

Accessories

- NEMA 3R/12 outdoor enclosure
- Ethernet over power line carrier, 2 modules for wireless transmission
- Inverter communications card

Technical Specifications

Voltage Inputs

120 VAC

Current Inputs with Consumption Monitor

Specified CTs for 0-600 Amps

Pass-thru wire dia. 0.75" to 1.25"

Communications

Wired via Ethernet

Compatible with CentroView web based monitor

Wired: Ethernet RJ-45, Range – up to 325 ft

RS232 Ports

RS485 4 Wire

USB

Modbus Port

Environmental Rating Enclosed

Storage: -4°F to 158°F (-20°C to +70°C)

Operating: -20°C to 60°C

Humidity: to 95% RH, non-condensing

Power Supply

120V to 12VAC

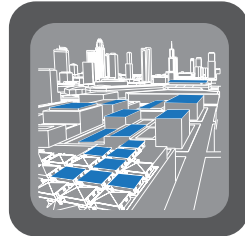
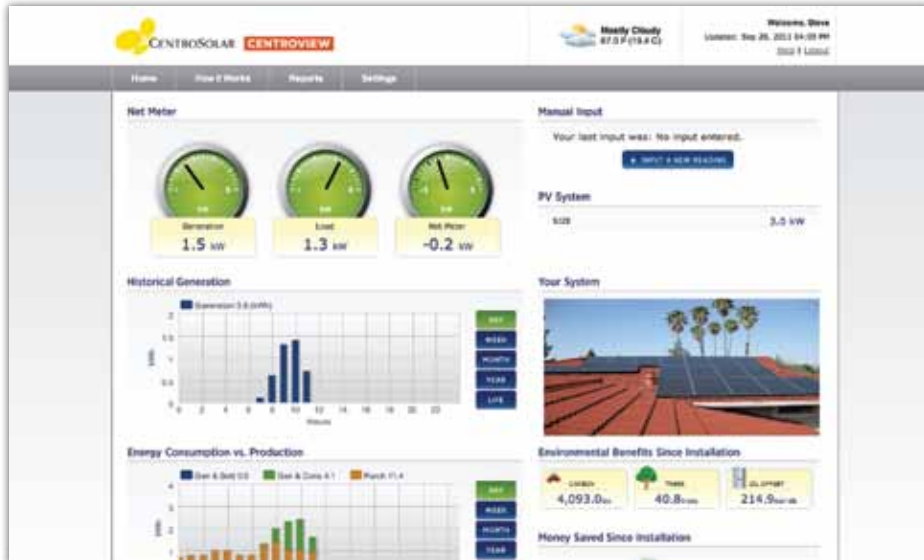
Compliance

Certified by TUV Rheinland of North America

ANSI C12.20 (0.5% Accuracy)

IEC 61010 (Safety)

FCC 15 Part B



CentroView™ CentroView Remote Viewing Monitor

The CentroView Internet Web-based Monitor

The CentroView monitor provides PV system viewing in real-time as well as trend data when used with the CentroData PV System Data Capture solution. PV system power generation and cost saving data reported from the CentroData system can be conveniently displayed on web-based application monitor.

The CentroView monitor utilizes any standard web browser (optimized for Microsoft for Microsoft's Internet Explorer) and, therefore, can be viewed world-wide wherever an active internet connection is available. The CentroView monitor allows installers to customize their user's Dashboard.

Features

- Centralized view consolidated Dashboard
- Generation & usage datagraphs
- Environmental benefits
- System summary
- Robust reporting: actual, historical & expectation
- Energy consumption vs production & graphs (additional cost)
- Globally accessible through the internet