

Cost-Effective Inventory & Compliance Monitoring

The streamlined Nano® provides accurate, real-time inventory data through a user-friendly interface, making it the perfect compliance solution for double-wall tanks and lines.



The SiteSentinel® Nano®

OPW's SiteSentinel® Nano® Console provides simplified, cost-effective inventory and compliance monitoring for retail and commercial fuel sites. With an intuitive touchscreen interface, user-friendly data display settings and sensor support, the Nano is an easy-to-use, right-sized tank-monitoring console for small and mid-size fuel sites.

Applications

- ◆ Provides accurate, real-time inventory data and reporting for commercial and retail fuel sites
- ◆ The gauge can monitor up to 12 probes or 24 smart sensors or a combination of both
- ◆ SiteSentinel® IntelliSense™ multi-drop technology can reduce installation costs by minimizing the wiring and labor needed for quick site install
- ◆ Web-based interface facilitates remote training



INTUITIVE

The gauge's color touchscreen provides easy access to inventory, compliance, delivery, warnings and alarms



COST-EFFECTIVE

With streamlined compliance monitoring and cost-saving multi-drop technology, the Nano delivers the performance sites need at a cost-effective price point



USER-FRIENDLY

The Nano's user-friendly software offers a calendar view and a "Favorites" list for quick recall of the most-used filters



CONVENIENT

Online access enables off-site training as well as remote monitoring of leak detection, inventory and compliance information

Contact your OPW representative to learn how the SiteSentinel® Nano® can simplify your tank monitoring today!

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SiteSentinel® Nano® Console

Features

- Calendar view shows both tank and sensor alerts, including deliveries, compliance, alarms and warnings that can be filtered by event and/or tank or sensor
- A "Favorites" list enables quick recall of the most-used filter settings
- Monitors up to 4 probes (up to 12 per gauge) or 12 sensors (up to 24 per gauge) per barrier position, or a combination of both
- Displays gross- or net-corrected tank volume, ullage, product volume and water, product level and water level, and product temperature for individual tanks
- Able to schedule reports to automatically run daily, weekly, monthly or annually
- Programmable Automatic Leak Detection performs, daily, weekly, and monthly static leak tests
- Local or remote PC connection
- Optional Tank Overfill Alarm
- Networking options allow users to select either a Static connection or DHCP
- With the ability to have 4 optional OM4 Output Modules that each offer 4 relays, functionality is expanded to a total of 16 relays - including 2 on board relays
- Reports include Current Inventory, Delivery History, Events in Progress, Event History, Leak Test
- Auto Detect feature shows the number of devices connected to each of the internal barrier positions after initial set-up - even if wiring configurations change
- Includes address book of contacts for easy reporting configuration via email and SMS
- Configurable to meet localized settings (Date/time formats and English/metric units)
- Communicates with most industry standard third-party POS protocols

Benefits

- Provides streamlined leak monitoring for sites with double-wall tanks and lines
- Mixed multi-drop technology allows for probes and sensors to be connected to one wire, significantly reducing installation costs
- An intuitive full-color touchscreen interface provides a simple user experience
- Alarm notifications issued via email, SMS for instant and convenient notification of system events
- Console is configured through an HTML web interface. No added hardware or proprietary software is needed for remote connections
- Web-based interface enables remote system management and training

Specifications

- Dimensions: 8.3 in H x 12.8 in W x 2.4 in D (21 cm H x 32.5 cm W x 6 cm D)
- Power: 120/240 VAC +/-10%, 50/60 Hz, 30 W
- Operating Temperature Range: 32°F to 122°F (0°C to 50°C)
- Display: 7.1 inches (18 cm) color LCD
- Graphical user interface
- Printer: External USB
- Alarm Notifications: Email, SMS
- Standard Alarms: Buzzer, Light and Acknowledge
- Optional Alarms: External Tank Alert (internal relay)
- Network Connectivity: DHCP/static addressable RJ-45 Ethernet ports, supports corporate and local LANs
- Ports:
 - One (1) RS-232, one (1) RS-485 and one (1) RS-422 communication port
 - One (1) Ethernet port
 - Two (2) USB ports
 - Two (2) Internal inputs
 - Two (2) Internal outputs

System Alarms and Events

- In-Tank Alarms:**
 - High, Low Temperature
 - Reconciliation Theft
 - Fail RTD/Thermistor
 - Delivery Start/Finish
 - In-Tank Leak Test Failure
 - In-Tank Test Warning
- Product Level**
- Water Level**
- Probe Failure**
- Sensor Alarms:**
 - Sensor alarms will provide hydrocarbon and water alerts (dependent on type of sensor connected)

Certifications



OPW Mixed Multi-drop Technology

OPW's mixed multi-drop technology allows probes and sensors to be run on one wire back to a tank gauge. This leads to substantial savings on installation labor and wire costs.

With mixed multi-drop, the SiteSentinel® Nano® can hold up to 12 probes or 24 sensors in any number of combinations. Possible combinations are driven by a point system: one probe = three points; one sensor = one point.

Each of the Nano's four barrier positions can hold a total of 12 points, which can be obtained by 4 probes, or 12 sensors or a combination of probes and sensors.

