

SiteSentinel® Integra 100™ & 500™ Comparison

With their extensive feature set, the SiteSentinel® Integra 100™ and Integra 500™ tank gauges provide a comprehensive inventory monitoring system for any fuel site, large or small.



PRODUCT FEATURES	SiteSentinel® Integra 100™	SiteSentinel® Integra 500™
The industry's largest color touchscreen gives access to real-time inventory data, delivery status, alarm conditions and leak-detection information – all accessible from a single cock-pit view.	✓	✓
Multi-drop technology substantially reduces needed installation wiring and installation labor.	✓	✓
Statistical Leak Detection (SLD) provides continuous leak-detection, with no need to schedule test times or shut down tanks.	✓	✓
Programmable Automatic Leak Detection (ALD) performs daily, weekly, monthly and annually required static leak tests when the system detects a quiet time.	✓	✓
Automatic Calibration and Reconciliation (ACR) accurately reconciles daily product sales and transaction data and can perform separate auto-calibrations for each tank in a line-manifold system.	✗	✓
All digital devices – including probes, sensors and accessories – are automatically detected, making it one of the easiest automatic tank gauges to install, configure and use.	✓	✓
Built on a robust Microsoft® platform. Ethernet, RS-232 and USB are standard.	✓	✓
Provides remote connectivity to a browser interface, which enables remote configuration and access to real-time data including alarms, inventory and delivery status.	✓	✓
Receive instant alarm and alert notification through email, SMS (text message) and/or fax.	✓	✓
Capable of being upgraded to an Integra 500 at anytime while deployed in the field through an add-on software update.	✓	✗
Can monitor up to 32 probes and 256 sensors and/or 16 Line Leak Detector Sensors, making it ideal for large fueling sites.	✗	✓
SiteSentinel® VSmart compatibility gives the Integra 500 an extra barrier position. Because the VSmart can be located near the tank area, direct wiring runs back to the tank gauge are reduced.	✗	✓
Can support the connection of up to 7 VSmart Modules.	✗	✓
Capable of Volumetric Line Leak Detection (VLLD), which provides the most accurate and immediate leak detection results available.	✗	✓

State-of-the-Art Gauging for Small to Mid-Size Sites



The SiteSentinel® Integra 100™

The SiteSentinel® Integra 100™ is designed to lower installation costs by reducing the number of wires required to connect probes and sensors to the internal I.S. module. All digital devices are automatically detected and configured by using the touchscreen interface, making it one of the easiest ATG systems in the industry to install, configure and use.

Applications

- Capable of monitoring up to 16 probes or 64 sensors or combination thereof, the Integra 100 is the ideal solution for operations that need a full-featured tank gauge.
- A streamlined upgrade process to the Integra 500™ makes the Integra 100 the perfect gauge for sites that have the intention to grow in the near future.
- The industry's largest touchscreen and user-friendly software ensure a simple operating experience for fuel site employees.



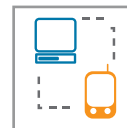
EASY TO USE

The industry's largest touchscreen promotes ease of use



SIMPLE TO INSTALL

With a variety of communication ports, the Integra 100 fits seamlessly into any site's operations



ACCESSIBLE

Remote access capabilities allow interaction with the gauge from any location



UPGRADEABLE

With a simple upgrade process to the Integra 500™, the SiteSentinel Integra 100 can grow with your operation

Specifications

- Large touchscreen display
- Standard Integral 4-channel multi-drop I.S. module
- Internal power supply works between 96-264 VAC, covering all global requirements
- International user-friendly icons follow guidelines in MIL STD - 1472
- Communication Ports: 1 x Ethernet, 2 x RS-232, 2 x USB, 2 internal USB, 1 x modem (optional)
- Internal power supply works between 96-264 VAC, covering all global requirements
- Displays gross and net-corrected tank volume, product level, water level and temperature for individual tanks



For more information on the Integra 100™ visit online at:
www.opwglobal.com/Integra100

Powerful Tank Gauging for Large Fuel Sites

The SiteSentinel® Integra 500™

The SiteSentinel® Integra 500™ represents the fueling industry's most powerful tank gauge. With the ability to communicate with a wireless VSmart, which has an external NEMA 4-Class wiring enclosure that can be mounted on the forecourt, the Integra 500 can monitor more probes and sensors than any gauge on the market. This allows for a drastic reduction in the wiring and labor needed for installation.

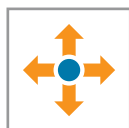
Applications

- Capable of monitoring up to 32 probes and 256 sensors, the Integra 500 is ideal for bulk storage and large fueling sites.
- Automatic calibration and reconciliation ensures in-depth and up-to-the-moment fuel monitoring.
- Remote access and the industry's largest touchscreen make the Integra 500's robust feature set simple to use.
- Web-based interface facilitates remote training.



POWERFUL

With ACR functionality, the Integra 500 offers the most full-featured monitoring available today



EXPANDABLE

VSmart compatibility ensures the ability to cater to any size site



SMART

Remote accessibility allows the Integra 500 to streamline your daily workflow



ECONOMICAL

For large sites, the Integra 500's multi-drop technology can lead to substantial savings compared to competitive alternatives



For more information on the Integra 500™ visit online at: www.opwglobal.com/Integra500

Specifications

- Large touchscreen display
- Automatic Calibration and Reconciliation (ACR)
- Optional Integral 4-channel multi-drop I.S. module
- Communication Ports: 1 x Ethernet, 1x RS-485, 2 x RS-232, 2 x USB, 2 internal USB, 1 x modem (optional)
- Optional VSmart provides ability to cater to large sites
- Downloadable and Flash upgradeable software for easy updates
- Monitors up to 32 probes and 256 sensors or combination thereof
- Dimensions: 37 cm W x 30 cm H x 10 cm D

SiteSentinel® VSmart Module

Expanded Probe, Sensor and VLLD Capabilities

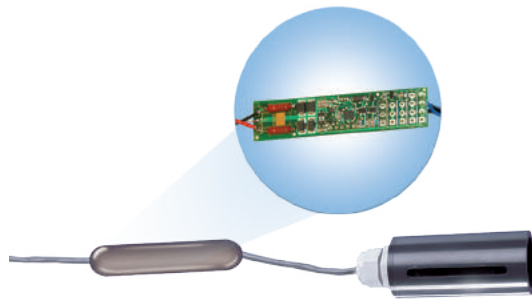
SiteSentinel® VSmart Module

Available for the SiteSentinel® Integra 500™ only, the SiteSentinel VSmart communicates with the Integra 500 through a wireless network connection. It provides an additional barrier position, which can be located away from your gauge, effectively expanding multi-drop capabilities to deliver the most extensive tank-monitoring system in the industry.



OPW Sensors®

Comprehensive, Innovative Site Monitoring Technology



The Smart Sensor™ for SiteSentinel® Integra™

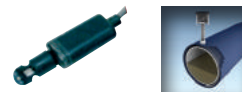
Our Smart Sensors™ inform you of their connection status, eliminating concerns over whether or not sensors are connected to the tank gauge console.

Record it. Replace it.

Upon initial system installation, the SiteSentinel® Integra™ console records the serial number, date and time sensors will need to be replaced or changed out.

Multi-drop. Save money.

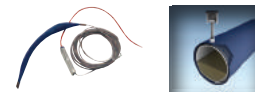
Our Smart Sensor™ technology enables the daisy chaining of sensors during the critical installation period. This eliminates direct wiring runs back to the SiteSentinel® Integra™ console inside the building, leading to cost savings.



SiteSentinel® Integra™ Part Number: 30-0236-LW

Liquid Only Interstitial Sensor

- Used primarily in the interstitial area of double-wall fiberglass tanks
- Can also be used in sumps, dispenser pans and other locations where the presence of liquid could indicate a leak has occurred



SiteSentinel® Integra™ Smart Part Number: 30-0234-HW-01

Fuel/Water Interstitial Sensor

- Designed for use in the interstitial area of a double-wall tank
- Sensor easily installs and discriminates between fuel and water



Integra™ Smart Part Number:
30-0234-HW-06, 30-0234-HW-15 and 30-0234-HW-20

Fuel/Water Monitoring Well Sensor

- Used in monitoring wells with fluctuating ground water tables
- Detects and discriminates between hydrocarbon liquid and water



Integra™ Smart Part Number: 30-0232-DH-10 and 30-0232-DH-20

Fuel Sump Sensor

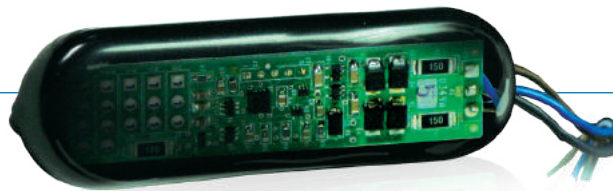
- Detects liquid hydrocarbons in STP sumps, dispenser pans and other locations where their very presence could indicate a leak has occurred

Applications

- The VSmart's wireless technology and NEMA 4-Rated enclosure provide enhanced location flexibility and protection against harsh environmental conditions. The module can be located near the tank area, which reduces or eliminates direct wiring runs back to the Integra 500, resulting in reduced installation costs.
- The Integra 500 can accommodate up to 7 VSmart modules, optimizing multi-drop technology and drastically reducing wiring, making the Integra 500 ideal for even the largest sites.
- The VSmart can accommodate up to 32 924B probes and/or 8 flex probes per module, 12 Model 327 VLLD Sensors per I.S. Barrier, 16 probes per I.S. barrier and 64 IntelliSense™ Sensors per I.S. Barrier, enabling comprehensive tank monitoring.
- The VSmart automatically detects probes, sensor density floats and LLDs on I.S. Barrier channels for simplified installation.
- Optional single wireless radio antenna installed aboveground reduces interference for enhanced signal strength and reliable delivery of data, while an optional NEMA 4-rated wireless modem provides quick transmission of critical data.



For more information on the SiteSentinel® VSmart visit:
www.opwglobal.com/VSmart



SiteSentinel® Integra™ Smart Part Numbers: 30-0230-S

Liquid Only Interstitial Sensor

- Used primarily in the interstitial area of double-wall tanks
- Can also be used in sumps and dispenser pans
- Contains a float switch that activates in the presence of liquid



SiteSentinel® Integra™ Smart Part Number: 30-0231-L

Single Level Sump Sensor

- Detects liquid in sumps, dispenser pans and other locations where its very presence could indicate a leak has occurred



SiteSentinel® Integra™ Smart Part Numbers: 30-0232-D-20B and 30-0232-D-10B

Dual-Level Interstitial Sensor

- Designed for use in the brine-filled reservoir of the interstitial area of a fiberglass double-wall tank
- Contains a dual level float switch that detects level changes of fluid in the tank's reservoir



SiteSentinel® Integra™ Smart Part Number: 30-0235-V

Hydrocarbon Vapor Sensor

- Detects hydrocarbon vapors in monitoring wells and the interstitial areas of a double-wall tank



SiteSentinel® Integra™ Smart Part Number: 30-3232-D-10 and 30-3232-D-20

Non-Discriminating Dual Float Sensor

- Detects liquid in STP sumps, dispenser pans and other locations where their very presence could indicate a leak has occurred
- Contains two float switches giving the ability to give a high alarm and high, high liquid alarm



SiteSentinel® Integra™ Smart Part Number: 30-0234-HW-06, 30-0234-HW-15 and 30-0234-HW-20

Fuel Monitoring Well Sensor

- Used in monitoring wells with fluctuating ground water tables
- Can be placed in the containment areas of tanks, pumps and pipes