

SMARTank

ST90 SAT



Wireless Tank Monitoring Solution

Operating on Global Satellite Network

The SMARTank ST90 SAT provides remote monitoring of tank inventory levels with ubiquitous coverage on a low orbit satellite constellation network providing global coverage and duplex communication. The ST90 SAT supports over-the-air configuration updates and it is easy to install with magnetic mounting. Just drop in the sensor and the unit is activated using the attached magnet. The unit can be removed and redeployed at any time. Each system is customized with the correct differential pressure sensor and appropriate cable. The satellite communication component of the ST90 SAT utilizes a rechargeable internal battery that is recharged using solar energy.

CPVC Enclosure with Teflon Sensor Assembly.

Magnetic sensor for one-touch activation.

Lid is factory-sealed for maximum weather resistance.

Enhanced chemical compatibility and durability.

Supports ST95 C1D1 client monitors via WLAN for haz-loc applications.



Innovative low-profile enclosure and **internal antenna.**



Integrated **GPS functionality** for locating assets



Ease of install and move (transfer hardware quickly from one tank to another)











Over-the-air configurable updates to tank **alarms and alerts.**

We've put remote tank monitoring into a new orbit

Our combination of high-tech electronic hardware, global satellite communications/local wireless communications and secure web portal provides system users complete visibility into the tank, giving you maximum control over distribution, inventory and vessel management.

Our portal delivers tank level, location, temperature and much more, available 24/7. Data and reports are at your fingertips, including:

-  Tank [Level](#)
-  Tank [Locating](#) (5 Ways, including GPS)
-  Inventory [Temperature](#)
-  [Solar Powered](#) Rechargeable Battery Voltage Level
-  Rate of [Consumption](#)
-  Low, Safety Stock Level & High [Alerts](#) and Alarms
-  Usage History, Delivery and Efficiency [Reports](#)
-  Text/Email [Notifications](#)

