

Product Datasheet

SMARTank Prophet GSM 3G



Integral barrier and Class 1 Division gauge options meet NFPA recommendations providing optimal flexibility for monitoring and AST fueling application.



Strong magnetic base for securing to any clean, steel surface.

Key Features

- Future-ready – Operates on 3G GSM / CDMA cellular networks for longevity well into the future.
- Easy to install by non-technical people. Lid is factory-sealed for maximum weather resistance and can be safely opened in order to activate the device.
- Host-Client LAN-WAN capabilities, Range: 250 ft. Line of Sight.
- Outstanding battery life.
- Strong magnetic base for quick securement to a clean, steel surface.
- Innovative enclosure and optional supplemental battery pack for extended call-out life.
- Extended tether cable for flexibility in monitor placement.

Wireless Tank Monitoring Solution Operating on LTE Networks

The SMARTank Prophet cellular remote monitoring system combines several industry-first features that redefine what's possible with monitoring all types of vessels. Engineered specifically for a low profile so it sits below protective guards and out of the way, the Prophet GSM performs where others can't. It delivers highly accurate tank information, alerts, alarms and notifications whenever and wherever it's needed via the SMARTank Tank Level and Analytics Portal.

The Prophet GSM monitor is ideal for tank applications with an existing float gauge assembly. Simply replace the existing dial with a compatible remote-ready dial, connect the tether cable, and you're ready to complete the calibration and set-up.

Additional float gauge assemblies can be easily ordered for tanks not equipped.

Benefits of the Prophet GSM Series include the ability to always know the status of your tank inventory whether the tank is near you or 1000 miles away. You can eliminate run-outs and expensive emergency deliveries and will be able to optimize replenishment routes and deliver more product less often, thus cutting fleet, driver and fuel costs and making your organization more efficient and profitable.

Tank level monitors are supplied as a service by:



Tank Data That Drives Results

Our combination of high tech electronic hardware, cellular 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 SMARTank data portal delivers tank level, location, temperature and much more, available 24/7. Data and reports are at your fingertips, including:

- Tank Level
- Tank Locating
- Inventory Temperature
- Battery Strength
- Rate of Consumption
- Signal Strength
- Critical Low Alerts and Alarms
- Critical High Alerts and Alarms
- Usage History Report
- Efficiency Report
- Fill-detect Delivery Report
- Text/Email Notifications



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Key Benefits of the Prophet GSM

- Fast, simple installation - included remote-ready dial and tether cable for easy installation and placement on multiple tank styles.
- Host-Client capabilities for lower costs than Host alone
- LAN / WAN Capabilities
- Industry's lowest profile – all parts protected
- Choice of dials to ensure flexibility in tank configurations and products that can be monitored.
Senior dials attach quickly to any Transcube-style fuel tank.
Junior dials allow for connection to compatible propane tanks.
- Low cost 3G cellular technology
- Excellent battery life and OTA firmware updates
- Secure, reliable access to tank information when and where you need it

Specifications

PHYSICAL

Construction:	ROHS Compliant
Enclosure:	NEMA 4X; weatherproof, CSA Approved (UL94HB-0); Glass-Filled Nylon
Unit Gross Weight:	2.1 lbs (0.95Kg)

WIRELESS

COMMUNICATIONS Mode:	3G Digital Wireless Radio with fallback to GSM/900MHz Wideband
RF Approval:	WLAN FCC Part 15 B approved
Antenna:	External Antenna (Standard SMA)
Frequency Bands:	GSM / CDMA 850/1900 MHz

PERFORMANCE

Output Voltage:	Nominally 14V +/- 5%
Output Current:	Rated from 0-50mA
Load Regulation:	0.5% from @ 30mA load
Battery:	2x3V Panasonic CR123
Supply Voltage:	6V
Area Classification:	Ordinary classification

ENVIRONMENTAL

Operating Temperature:	-22°F to 158°F (-30°C to 70°C)
Storage Temperature:	-40°F to 185°F (-40°C to -85°C)

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