



PROPHET 4000 SERIES

WIRELESS REMOTE TANK MONITORING SOLUTION



- Reports level, location, temperature, usage history and demand forecast information 24/7 via TankData Online, TankGuard's web portal.
- Sensor flexibility - interfaces with contacting or non-contacting sensor to monitor virtually any stored liquid or solid.
- No end user facilities required - data is transmitted by the 3G GSM/CDMA cellular networks.
- No external power source required - unit is powered by internal replaceable lithium-ion batteries with an anticipated life of up to 6000 callouts.
- WLAN support for up to ten (10) Prophet Clients.
- Simple installation and quick commissioning.

The Prophet 4000 Series telemetry monitor provides a cost effective, single-source remote inventory monitoring and reporting solution for bulk, mini-bulk and IBC tanks and totes. Engineered into a sleek, compact and weather-proof enclosure, the Prophet can be supplied with either contacting (differential pressure) or non-contacting (ultrasonic) sensors when no other existing instrumentation is available.

Simple and Quick

The Prophet is typically installed within 15 minutes by non-technical personnel. Once activated, final provisioning can be completed by the customer or through a quick call to TankGuard Customer Service, and your inventory data is available 24/7 via TankData Online, TankGuard's portal.

The unit can also be quickly redployed if needed on any other tank.

Fixed Monitoring Costs

Affordable monthly subscription service to TankData Online includes 24/7 internet-based access to tank data, plus all cellular long distance and roaming. Unlike other service vendors, you won't see any hidden charges or overage fees from TankGuard. Once your monthly service fee is quoted, that's the amount you will be billed.

TankGuard Cellular Monitoring

- Access tank data 24/7 via PC, laptop, smartphone or tablet.
- Export delivery/routing data to Excel or your routing package.
- Track delivery efficiency and calculate potential savings.
- Proactively service your customers.
- **Mode:**
3G GSM/CDMA Digital Wireless Radio
- **Frequency Bands:**
GSM/CDMA 850/1900MHz

Performance Specifications

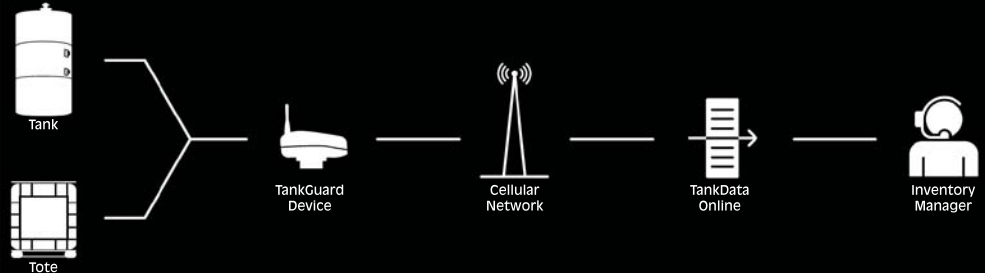
- **Output Voltage:**
Nominally 14V-24V (based on Model #)
- **Output Current:**
Rated from 0 - 50 mA
- **Load Regulation:**
0.5% @ 30mA load
- **Ripple**
50 mV Peak to Peak
- **Output Short Circuit Protection**
Output current limited to 50 mA
- **Accuracy:**
+/-0.5% of Span

Hardware Specifications

- **Enclosure**
NEMA 4X: weatherproof: UL approved (UL94HB); glass-filled nylon
- **Process Fitting**
2" Polypropylene NPT (5.08cm)
- **Area Classification:**
Ordinary location
- **Unit Gross Weight:**
2.1 lbs. (0.95kg)

Battery & Environment

- **Type**
Two replaceable 3V lithium batteries (Panasonic CR-123A, manganese dioxide)
- Supply Voltage: 6V
- Expected Life:
Up to 6000 updates (4200 mA Hours)
(Depending on final configuration)
- Storage Temperature Range:
-40°F to 185°F (-40°C to 85°C)
- Operating Temperature Range:
(Electronics)
-22°F to 158°F (-30°C to 70°C)



The Prophet 4000 Series, combined with TankData Online can help eliminate runouts and costly emergency deliveries, and increase operations efficiency up and down the supply chain. Using a standard internet browser, you can retrieve and use valuable tank information virtually anywhere in the world, whether the tank is local or a thousand miles away. You'll make smart, data-driven replenishment decisions, delivering more product left often, with fewer expensive truck rolls.

It's completely wireless and suited for stationary or mobile tanks, and delivers data using digital cellular technology. Designed for daily callouts, both scheduled and event-driven, the Prophet delivers inventory level, precise tank location, battery status, signal strength usage history and demand forecasting information, as well as alarms and notifications.

For a detailed consultation and recommendation about how the single-source Prophet 4000 Series monitoring solution can help drive costs down and improve your efficiency and profitability, call 1-306-275-2155 or visit www.freeformplastics.com for a complete review of all TankGuard products and services