

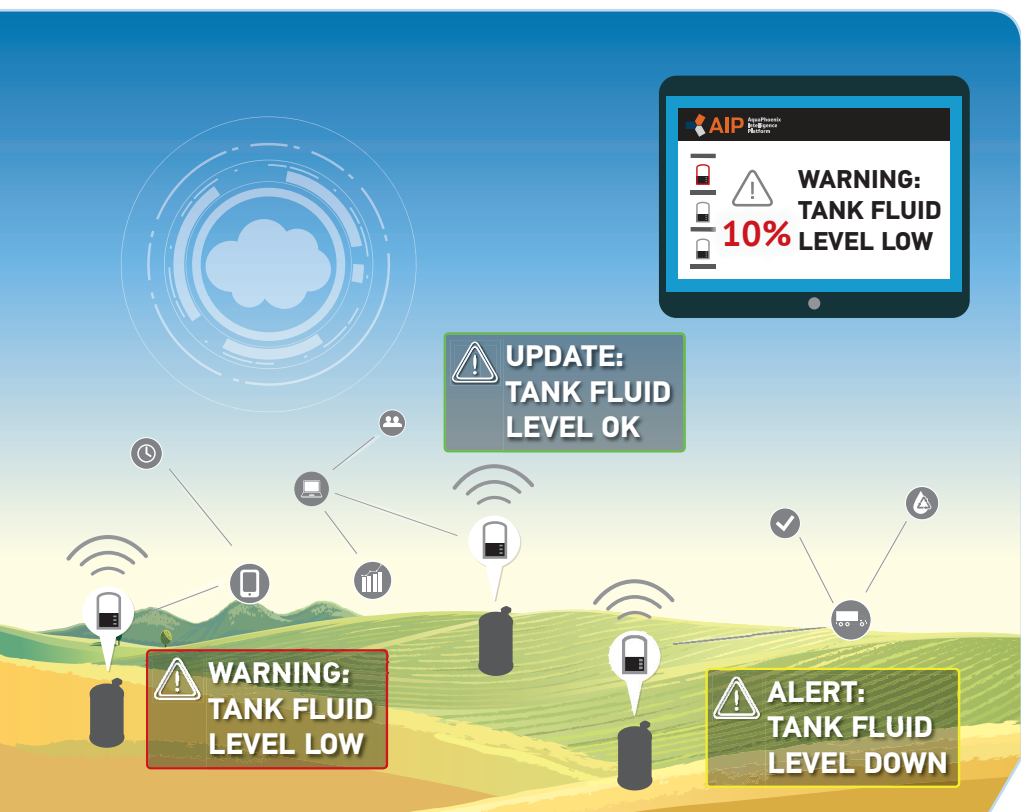
# TankScan TSM1000

## Guided Wave Radar Monitoring System

**TankScan** | Powered by AquaPhoenix

The TankScan TSM1000 monitor provides remote level monitoring of deployed tanks, totes and containers up to 40' tall. Industry-leading 4G LTE cellular and Micro-Impulse (MIR) technologies are fully integrated into the battery-powered device, which can be installed in locations where power and network connectivity infrastructure are not available. The monitor has a durable weather-proof enclosure and long life battery making this solution ideal for use in a broad range of tank applications.

The AquaPhoenix Intelligence Platform (AIP) provides tank level information via TankScan monitors anywhere an Internet connection is available - via computer, tablet or smart phone. Use TankScan analytics to optimize business decisions around operations and logistics by knowing when a tank is in need of service. Plan fluid deliveries and pick-ups based on the latest information to insure optimal route efficiencies and maximize customer service.



### Optimize Your Routes

Accurate tank data ensures just-in-time collections and deliveries.

### Optimize Your Efficiencies

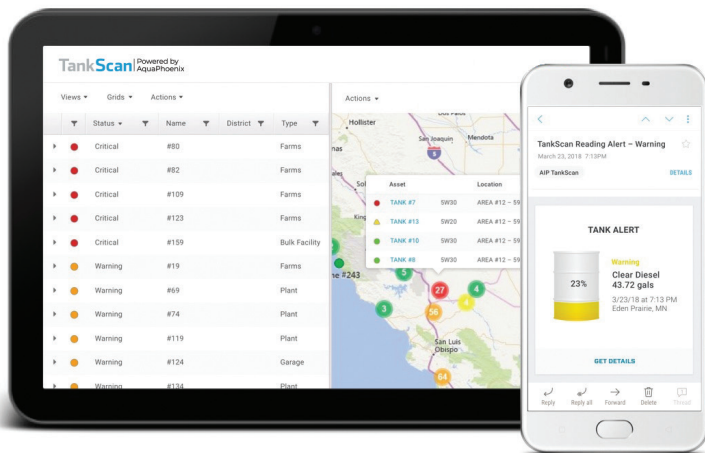
Reduce labor and transportation costs associated with manual tank measurement.

### Optimize Your Growth

Add customers without having to add more trucks or drivers.

### Optimize Your Service

Know when your customers' tanks need to be serviced before they do.



## AquaPhoenix Intelligence Platform (AIP) Capabilities

Web-based software can be accessed from any Internet-connected computer.

- Scales from 1 to over 100,000 tanks
- User-friendly dashboard displays accurate measurements across all tanks
- Users can view multiple tanks to simplify site monitoring
- Customizable email alerts provide notification when preset levels are reached
- Multiple users can be authorized to access various levels of data
- Analyze tank data with timely reports

## Markets

### Liquids TSM1000 Can Monitor:

- Diesel
- Lubricants
- DEF
- Waste oil
- Industrial waste water

**VIEW OUR FULL PRODUCT LINE AT  
TANKSCAN.COM**

SPECIFICATIONS	TSM1000 SR	TSM1000 TR
Measurement Range	60", 96"	144", 240", 300", 360", 420", 480"
Top Deadzone	6"	6"
Bottom Deadzone	2"	8"
Sensor Technology	Micro-Impulse Radar (MIR)	
Accuracy	+/- 0.3% of Probe Wire Length at 25 °C	
Output	Transmits ID, Level Data, Temperature, Battery Level	
Radio Communication	Cellular 4G LTE Cat M Verizon or AT&T, 2.4GHz RF	
Power Requirements	Battery Pack (typical battery life of 2 years at 12 hour reporting intervals)	
Construction	Indoor/Outdoor Use, Weatherproof, Non-corrosive, IP66	
Operating Temperature	-30 °F to 130 °F. (-35 °C to 55 °C) - Ordinary Location -30 °F to 140 °F. (-35 °C to 60 °C) - Intrinsically Safe	
Humidity	0% to 90% Non-condensing	
Pollution Degree	3	
Maximum Altitude	2000 m	
Mounting	1.5" or 2" NPT	
Weight	1.11 lbs + MIR Wire	
Approvals	FCC Part 15B, IC Cellular, Battery: UL 1642, UN 38.3	
	Hazardous Locations: Ex ia IIA T4 Ga Class I, Div1, Group D, T4 Class I, Zone 0, AEx ia IIA T4 Ga	
Product Warranty	1 Year, Excluding Battery	

201-0167-000 Rev. F 7/23/2025  WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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