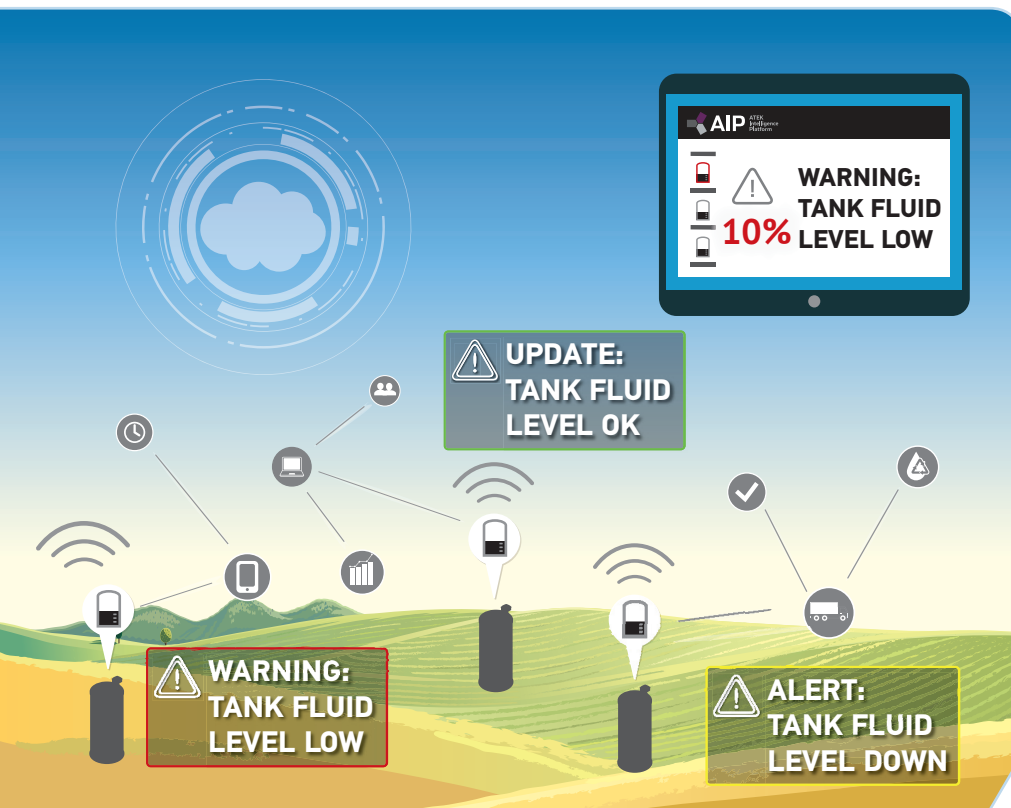# TankScan TSR1000LR Long Range Non-Contact Radar Monitor

**TankScan**®

The power of data. Optimized.

The TankScan TSR1000LR monitor is an inclusive 4G LTE cellular tank level solution for tall tanks. The non-contact radar level sensor is fully integrated into a battery powered device, which can be installed in locations where network power and connectivity infrastructure are not available. The monitor has a durable weather-proof enclosure and long battery life making this solution ideal for use in a broad range of tank applications.

The TSR1000LR monitoring solution provides tank level information anywhere an internet connection is available – via computer, tablet, or smart phone.  Use the intelligence to optimize business decisions, and logistics by knowing when a tank needs service. Plan deliveries and pick-ups based on the latest information to ensure optimal route efficiencies and maximum customer service.

**AIP** ATEK Intelligence Platform

**WARNING: TANK FLUID LEVEL LOW** 10%

**UPDATE: TANK FLUID LEVEL OK**

**WARNING: TANK FLUID LEVEL LOW**

**ALERT: TANK FLUID LEVEL DOWN**

**Optimize your routes**
Accurate tank data ensures just-in-time collections and deliveries.

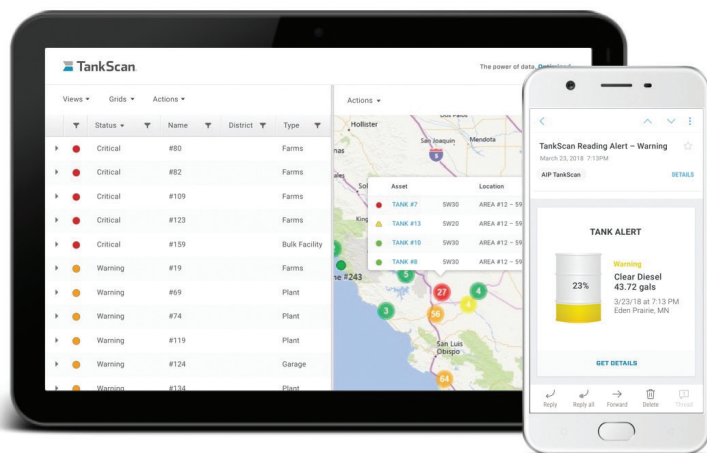**Optimize your efficiencies**
Reduce labor and transportation costs associated with manual tank measurement.

**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.

## ATEK 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

| SPECIFICATIONS | TSR1720 |
|---|---|
| Measurement Range | 12 inches (300 mm) to 60 feet (18.3 meters) |
| Sensor Technology | Non-Contact Radar |
| Accuracy | +/- 0.1% of range |
| Output | Level Data, Temperature, Battery Level |
| Radio Communication | Cellular 4G LTE Verizon and AT&T, RF with gateway |
| Power Requirements | 6.0 V Battery Pack (typical battery life of 2 years at 12 hour reporting intervals) |
| Construction | Weatherproof, Non-corrosive, Meets NEMA 4X |
| Operating Temperature | -40˚F to +140˚F  (-40˚C to +60˚C) |
| Weight | 1.11 lbs |
| Approvals | FCC Part 15B, IC |
| Housing Material | UV Stabilized PC/PBT Blend |
| Mounting | 2" NPT thread |
| Product Warranty | 1 Year, Excluding Battery |
| **ORDERING INFORMATION** | |
| Model Numbers | TSR1720C4L1H0 |
| | TSR1720C5L1H0 |
| | TSR1720R2L1H0 |

## Contents TSR1000 Can Monitor

- Diesel
- Chemicals
- DEF
- Lubricants
- Waste Oil
- Waste water

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

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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Access the power of technology.