# LevelPro® — Sentinel® Series LT
## Remote Tank Monitoring

ICON™ Corrosion-Free Instrumentation Equipment



**The perfect solution for bulk chemical companies and large tank farms to save money on their logistics costs.**

**LevelPro®**

- Sentinel
- Magnet
- Direct Mount to Junction Box
- **Sentinel LTE Powers Sensor** No External Power Supply Required

**LB50 Mounting Bracket**

**LP 100 Junction Box**

**100 Series Submersible Level Sensor**

**TVL Series Display**

✓ **Battery Operated – No Programming**
✓ **Remote Tank Monitoring via Cellular Networks**
✓ **E-mail/text Reporting Alarms**
✓ **24/7 access to data through Cloud Based Sentinel 247™ Online**
✓ **Battery powered up to 5 years (3 calls/day)**
✓ **Variety of Trigger Points**
✓ **Mobile Ready Access**
✓ **Optional LB50 Mounting Bracket**
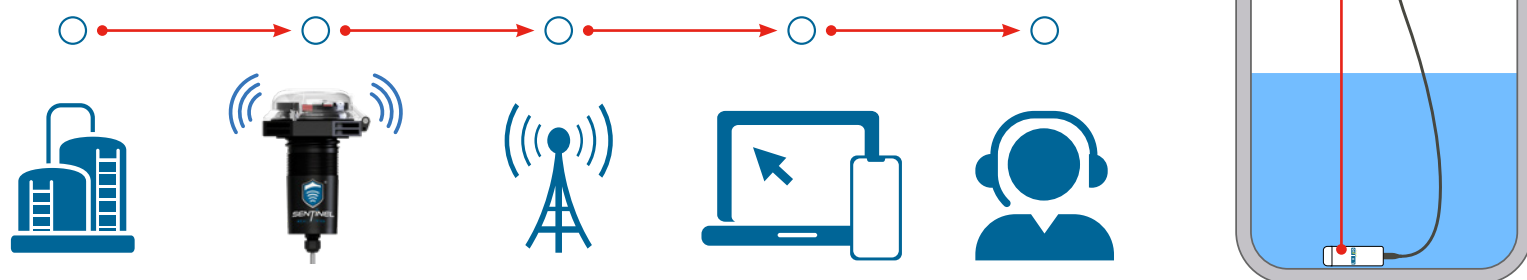
## Sentinel Remote Tank Level Monitoring

The LevelPro® Sentinel® Series is a Battery Operated Remote Tank Level Monitoring system that delivers reliable daily measurements that are both scheduled and event driven. Remote tank level monitoring with the Sentinel® is exceptionally flexible, eliminating the hassles of network infrastructures and internet service. The Telemetry device connects via a wireless signal to local cellular networks and transmits level, alarms, battery status, rate of consumption history, critical high or low level alerts and signal strength, all of which are available through the Sentinel® Cloud Based Website. The Sentinel® Remote Tank Level Monitoring unit provides you with important data readily at your fingertips on your computer, tablet or smart phone. It's the perfect solution for bulk chemical companies and large tank farms to save money on their logistics costs.

The LevelPro® Sentinel® Series pairs well with our 100 Series Submersible Level Sensor and our TVL Series Liquid Level Display & Controller to provide you with the industry's most reliable complete tank level monitoring package. Mount your Sentinel® unit directly to the top of the tank using our LB50 Mounting Bracket.

**Optional PVC | PP | PVDF | 316 SS Chemical Resistant 100 Series Submersible Level Sensor**

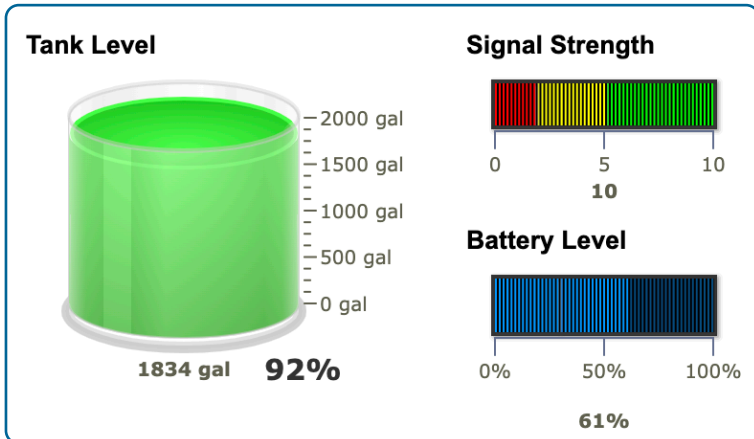### How It Works
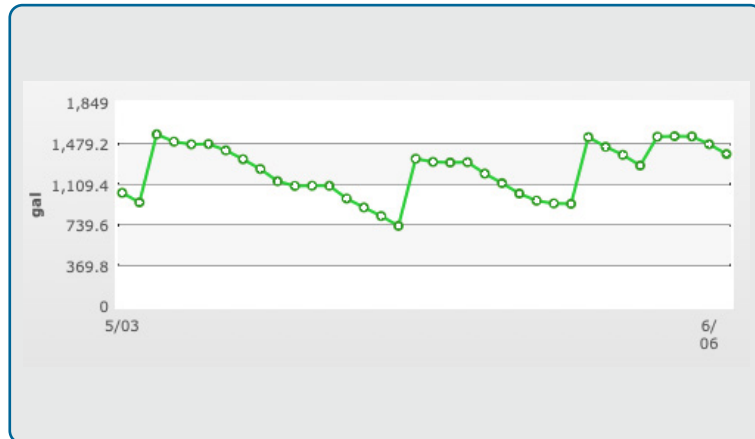
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## Remote Tank Monitoring

**ICON** PROCESS CONTROLS™ — Corrosion-Free Instrumentation Equipment

LevelPro®



## Current Tank Statistics

**Tank Level**



1834 gal  **92%**

**Signal Strength**

0    5    10
**10**

**Battery Level**

0%    50%    100%
**61%**

## Tank History



## Specifications

| | |
|---|---|
| Wireless Communication | GSM Digital Wireless Radio |
| RF Approval | FCC part 15B Approved |
| Frequency Bands | GSM 850 \| 900 MHz WLAN |
| Output Voltage | Nominally 14/24VDC |
| Output Current | 4-20mA |
| Enclosure | NEMA 4X \| UL Approved |
| Lithium Battery | Replaceable Lithium Ion Batteries |
| Body Material | PP \| PC |
| Operating Temperature | -13°F - 158°F \| -25°C - 70°C |

## Model Selection

| Sentinel® — Remote Tank Level Monitoring | |
|---|---|
| **Part Number** | **Description** |
| SCP-1-GP-P-F | NEMA 4X |
| SCP-1-GP-P-F-xi | Explosion Proof (Class 1 Div 1) |
| SCP-AN-C | 12 Months Cell Charge |
| LI-BP | 4pk Replacement Set of Lithium Batteries |

| LB50 — Mounting Bracket | |
|---|---|
| **Part Number** | **Material** |
| LB50 | GFPP |

**xi = Explosion Proof**

PP | PC | 316SS | RoHS Compliant | CE