Sentinel® Series LT
Remote Tank Level Monitoring

Level pro®

- **Battery Operated | No Programming**
- **Remote Tank Monitoring via Cellular Networks**
- **E-mail & Text Alarm Notification**

Activate without Opening Lid

LB50 Mounting Bracket

LP100 Junction Box

Battery Operated (No Wires)

SENTINEL

Optional PVC | PP | PVDF | 316 SS Chemical Resistant 100 Series Submersible Level Sensor
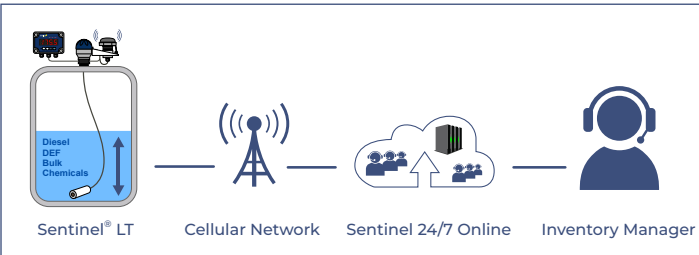
PP   PC   **RoHS** Compliant   CE

Features

- **24/7 access to Data through Cloud**
- **Integrated GPS Functionality**
- **Low Cost LTE Cellular Technology**
- **Battery powered up to 5 years (3 calls/day)**
- **Variety of Trigger Points**
- **Mobile Ready Access**

Technical 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 (CR-123A)
Body Material	PP | PC
Operating Temperature	-13°F - 158°F | -25°C - 70°C

Product Description

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

How It Works

Diesel DEF Bulk Chemicals

Sentinel® LT   Cellular Network   Sentinel 24/7 Online   Inventory Manager

Sentinel 247™ Cloud Monitoring

ACME Test   ACME Products

Summary

Tank Summary

Active Tanks :	3
Maintenance Tanks :	2
Inactive Tanks :	0
Total Tanks :	3

Summary of Tanks in Service

Alarms

Alarm Free :	0
High Alarm :	0
Low Alarm :	0
Critical High Alarm :	0
Critical Low Alarm :	1
No Recent Update :	2
Low Battery :	2
Expected Call :	0

Alarms

Reports

- Tank Summary List
- Maintenance List

New! Tank Data 3.5 - Maps and Tank Photos - count = 3

See [50] results per page   ☐ Include Child Organizations

Map	Status		Organization	Location Name	Tank Name	Product	Inventory Time		Inventory (Gross)	Value (%)
Map	- NRU	- LB	ACME Products	Production Inc.	Glycol Tank	Glycol acid	5/7/2011	7:47:24 PM	4206.0	1.27
Map	- NRU	- LB	ACME Products	Production Inc.	Resins Process Tank	Resins polyester	6/6/2011	7:45:00 PM	29955.3	5.00
Map	- CLA	- ID	ACME Products	Acme Products Stock	Tank 1018005967	DEF	6/6/2011	7:40:00 AM	11.1	2.00

[ ] Go

Everything At your Finger Tips

Current Detailed Status of Each Tank in Service

Details | Map | Permissions | History | Usage | Diagnostics | Setup | Alarms | Service

Tank Details

Tank Name:	Isabella Pearl Process	Cellular ID:	882350860682859	Location:	Isabelle Pearl Mine
Organization:	Cummins NV/AK	Serial Number:	942107128	Address:	5000 State Route 361, Luning, Nevada -
		Number:	1	Product/SGU:	ML5101 - 1.13400

Tank Status

Inventory Time :	4/14/2023 5:53:38 AM
Primary Location Contact:	Not Assigned
Alarm Status:	Critical Low Alarm
Comm Status:	OK
Maintenance Status:	OK
Sensor Status:	OK
Level:	55.8 in
Inventory:	587.4 gal
Tank Type:	Standard Vertical Cylindrical Tank
Tank Height:	80.0 in
Tank Number:	1
Region:	NV/AK

Tank Level
- 1230 gal
- 922.5 gal
- 615 gal
- 307.5 gal
- 0 gal

857 gal **70%**

Signal Strength
0   5   10
9

Battery Level
0%   50%   100%
99%

There are no photos associated with this tank

Inventory

Inventory Time :	4/14/2023 5:53:38 AM
Level:	55.8 in
Inventory:	857.4 gal
Net Inventory:	857.4 gal
Tank Capacity	1230.0 gal
Capacity Limit	1230.0 gal
Available Capacity:	372.6 gal
Days to Alarm:	** In CLA **
Days to Critical:	** In CLA **
Days to Reorder:	
Days to Safety Stock:	
Days to Limit (Empty):	38 Days

Easy to Locate Remote Tanks
Google® MAP Location

Ordering Information

Part Number	Material
SCP-1-GP-P-F	NEMA 4X

Ordering Notes:

(1) Select the best configuration based on your requirements
(2) Monthly service fees will apply. Limit 3 calls per day. *Additional monthly fee may apply.
(3) The Instrinsically safe enclosure rating can only be used with the GSM Host w/GPS option.