



ADVANCED TELEMETRICS

## DIGITAL TANK LEVEL MANAGEMENT

**Level Accuracy  
to 0.10 inch**

**Temperature Accuracy  
to  $\pm 0.10^{\circ}\text{F}$**

**No Hang Ups**

**No False Readings**

**Corrosion Resistant**



Oil Tank Gauge

**THE MOST  
ACCURATE LEVEL  
MEASUREMENT DEVICE  
ON THE MARKET**

## ADVANCED TELEMETRICS

Advanced Telemetry is a leading manufacturer of automatic tank gauging and leak detection systems that meet both regulatory and business requirements of the petroleum industry. You will not find a better product for the most accurate account of your liquid levels.



Liquid Levels

Liquid Temperatures

Dual Media Levels

Leak Detection

High Level Shut-down

Multi-Level Alarms

Wired/ Wireless Options

No Hang Ups

No False Readings

Corrosion Resistant

## DIGITAL TANK GAUGE

Advanced Telemetry manufactures a highly reliable digital tank gauge which has been proven in a wide range of severe environments and remote industrial applications. Reliability is backed by our exclusive four-year limited warranty, which is assured through the use of all solid-state electronic components that directly measure actual fluid levels. The gauge communicates through a wired or wireless option.

### TYPICAL COMMUNICATION

- Wired or Wireless
- RS 485 Standard
- MODBUS Standard

### INTEGRATION CAPABILITY

- Supports Industry Instrumentation Comm. Standards ( EIA485, RS422, RS232)
- Custom Reengineering available
- Advanced Surge Protection
- Satellite
- Capabilities may include static fluid leak detection, temperature averaging, and datalogging

### PERFORMANCE OF GAUGE

- Microprocessor controlled stand alone
- Multiple temperature measurements, temperature sensors placed every 18"
- Level measurement to 0.10 inch
- Temperature measurement to  $\pm 0.10^{\circ}\text{F}$
- MODBUS Standard
- Safe System Standards
- Easy Installation
- On-site display and control options
- Automatic Tank Gauge leak detection Engineered to UL and CSA Intrinsically device
- Patents pending
- Four Year Limited Warranty

## USE BY INDUSTRY

### CRUDE OIL

- Oil and water production levels
- Ideal for H2S and benzene gauging
- High level and overflow alarms and shut-offs
- Monitoring of oil custody transfer and saltwater hauling
- RTU/SCADA remote lease automation

### REFINERY

- Refined product level, temperature and net volume
- Pressurized LP tanks
- Waste tanks and Separators
- Tank farm automation

### CHEMICAL/INDUSTRIAL

- Pressurized tank levels
- Aggressive chemicals
- High and low temperatures
- Sterile process measurements
- Chemical resistant wetted parts

### PROPANE/BUTANE

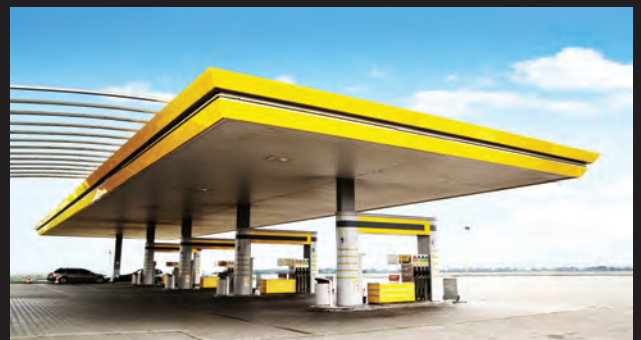
- RS 485 and MODBUS Standard
- No calibration or analog drift. Easy to install and replace tank gauge electronics
- Tubing certified 316L 0.065 wall rated A249 (ASTM A249 boiler rating ASME SA249 boiler code)

### RETAIL / AIRPORT FUELING STATIONS

- EPA Regulatory Compliance as Automatic Tank Gauge for monthly monitoring and leak detection on tanks up to 30,000 gallons
- Above ground bulk storage tanks
- Waste oil tanks

## SOFTWARE AND INTERNET SOLUTIONS

- Available Live Data & Graphics By:

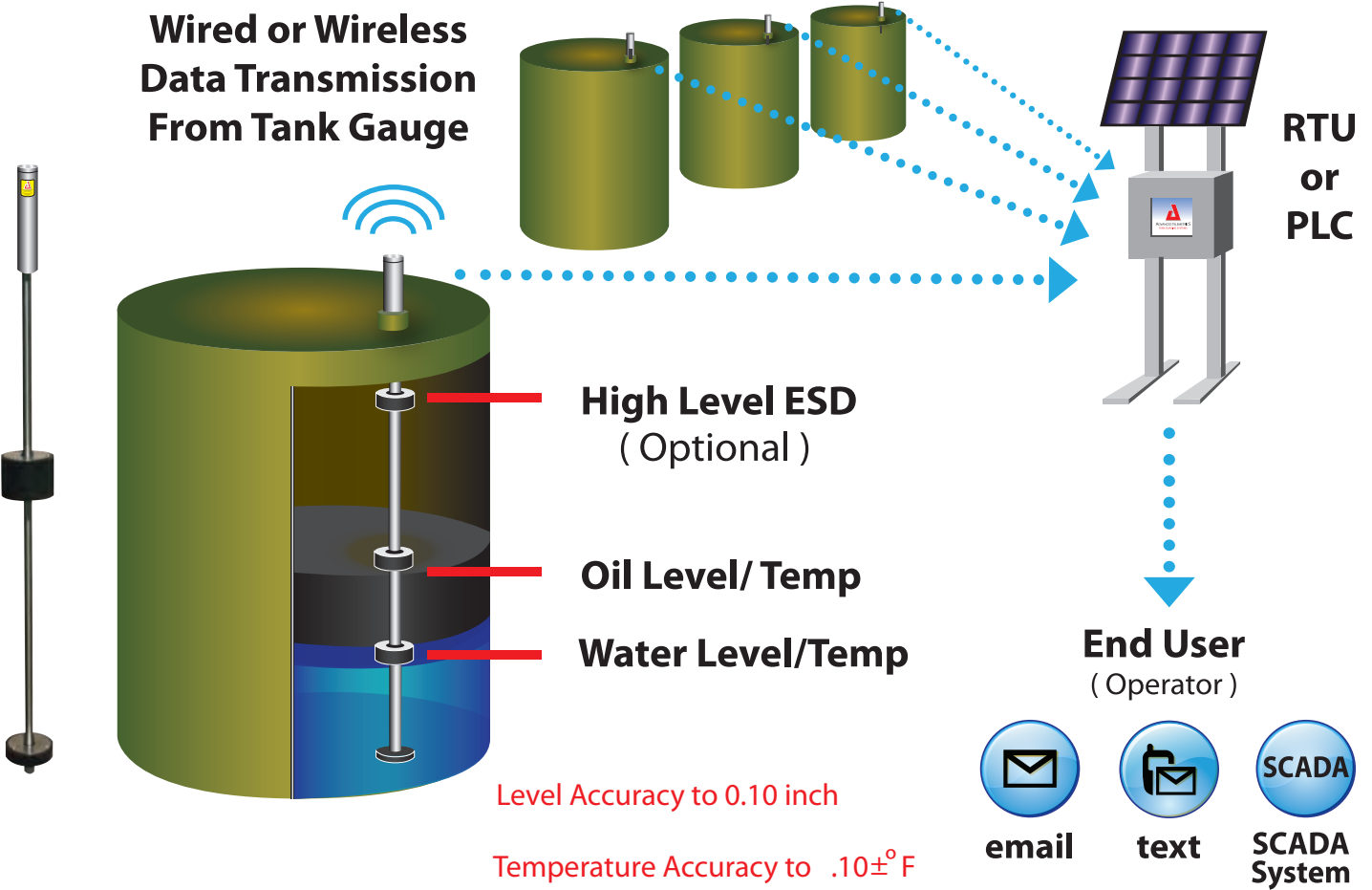


Call toll free for info: 800-382-1482

# Diagram of the Tank Gauging System

( wireless option shown)

**Wired or Wireless  
Data Transmission  
From Tank Gauge**



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TANK GAUGING SYSTEMS