

Remote Tank & Fluid Level Monitoring Hardware

Configurable sensing, data logging, communication and field-power hardware for tank suppliers, liquid distributors and instrumentation integrators.

WHAT THIS HARDWARE ADDRESSES

- Remote level visibility across distributed tanks
- Low-level, refill or overflow status
- Reduced manual site checks
- Data handoff to an existing inventory, SCADA or customer platform

STARTING HARDWARE PATHS

Battery / Solar Tank Kit

- Battery or solar low-power logger
- One submersible or non-contact level sensor
- Outdoor enclosure, antenna and field-power components as required

Mains RTU Multi-Tank Kit

- Mains-powered industrial RTU or remote I/O
- Multiple level sensors or switches
- RS485/Modbus, 4-20 mA or DI signal collection

INTERFACES AND DATA HANDOFF

- Field inputs may include RS485/Modbus, 4-20 mA and digital contacts
- Uplink options may include Ethernet, cellular or LoRaWAN
- Northbound delivery may include MQTT, HTTP, Modbus TCP or documented payloads where supported

DOCUMENT TYPE: Selection Guide / Application One-Pager

APPLICABLE FAMILY: Remote Tank & Fluid Level Monitoring Hardware

VERSION / REVIEWED / LANGUAGE: 1.0 / 2026-07-20 / English

EVIDENCE STATUS: Representative product-family capability; exact model and configuration pending quotation review



Submersible Level Transmitter



Radar Water Level Sensor

REPRESENTATIVE PRODUCT-FAMILY IMAGES - NOT EXACT SKU PHOTOS

CONFIRM BEFORE QUOTATION

- Tank contents and hazardous-area classification
- Tank count, height, shape and approximate dimensions
- Measurement range and required accuracy
- Existing opening and mounting position
- Process temperature and pressure
- Power at each tank

PROJECT BOUNDARY

Unverified hazardous-area use or ATEX package | Trade or custody-transfer measurement | Universal chemical compatibility