

Well, Reservoir & Irrigation Pump Monitoring Hardware

Solar, cellular and field-I/O hardware for pump dealers, well contractors, irrigation integrators and water-service providers.

WHAT THIS HARDWARE ADDRESSES

- Remote water-level visibility
- Pump run, fault and power-loss status
- Pressure and flow signal collection
- Off-grid telemetry and alarm reporting

STARTING HARDWARE PATHS

Solar Well Level Kit

- Battery/solar low-power logger
- Submersible well or reservoir level sensor
- Outdoor enclosure, antenna, charge and battery components

Irrigation Pump Status Kit

- Industrial RTU or low-power logger
- Pump or motor current/run-status input
- Fault and power-loss contacts where available

INTERFACES AND DATA HANDOFF

- RS485/Modbus, 4-20 mA, pulse and dry-contact inputs may be considered
- VFD registers require the exact VFD model and register map
- MQTT, HTTP or customer-server upload is selected per exact device

DOCUMENT TYPE: Selection Guide / Application One-Pager
APPLICABLE FAMILY: Well, Reservoir & Irrigation Pump Monitoring Hardware
VERSION / REVIEWED / LANGUAGE: 1.0 / 2026-07-20 / English
EVIDENCE STATUS: Representative product-family capability; exact model and configuration pending quotation review



4G/LTE Industrial RTU Gateway



Solar Field Power Kit

REPRESENTATIVE PRODUCT-FAMILY IMAGES - NOT EXACT SKU PHOTOS

CONFIRM BEFORE QUOTATION

- Site type and water-level range
- Pump count, rating, phase and voltage
- VFD/soft starter/direct-on-line and exact model
- Available field signals
- Required level, pressure and flow measurements
- Power or solar requirement

PROJECT BOUNDARY

Public irrigation district turnkey systems | Full farm-management SaaS | Guaranteed water savings or agronomic outcome