

# FIELD MONITOR

Provides in-field access to any gateway data without the need for a laptop computer or other I/O visual device.

IN-FIELD READOUT OF ANY GATEWAY DATA

BATTERY POWERED DISPLAY

PERFECT FOR LOCAL DISPLAY OF TANK LEVELS OR OTHER FIELD DATA



## FEATURES

- Local display of data from network sensors
  - Math functions for tank volume calculations
  - Feet and inch conversion
  - Multiple pages
- Rugged design for demanding outdoor environments
- Up to 3+ mile range
- Simple to install, maintain and can also act as the Gateway for display only applications.

## STANDARD CONFIGURATION ORDER CODES

ORDER CODE	DESCRIPTION
Field Monitor	Field Monitor, Battery Powered, Sleeping Client Node
Field Monitor-GW -Solar	Field Monitor, IQ4XLD Solar Powered, Gateway
Field Monitor-GW-IQ	Field Monitor, With IQ Smart Battery, Gateway. For external 10-30V power

## TECHNICAL SPECIFICATIONS

**Operating Temp**  
-40°C to 70°C

**Radio Power**  
300 mW

**Range**  
Up to 3+ miles (line of sight)

**Humidity**  
0% - 100% condensing

**Antenna Type**  
External weather resistant, omnidirectional

**Networks**  
Up to 65,520 separate networks

**Power**  
3 X D Lithium battery pack. Field replaceable.

**Antenna Gain**  
5 dB

**Enclosure**  
NEMA 4X rated

**Battery Life**  
2-5 years depending on update rate

**Receive Sensitivity**  
-105 dB

**Internal Diagnostics**  
Battery voltage, signal strength, error conditions

**Data Interface**  
SignalFire toolkit configuration utility

**Frequency**  
902-928 MHz, license-free ISM band compliant with FCC Part 15

**Display**  
High contrast 13x26 character Monochrome LCD