G2-ISI

WATER LEVEL & QUALITY MONITOR

- Simple integration with In-Situ smart sensors
- Real-time data with alert notifications
- Streamlined design for easy operation and mobility
- Web portal for access to live and historic data
- Low maintenance and remote configuration

The NexSens **G2-ISI** Water Level & Quality Monitor is specifically designed to interface with In-Situ Level TROLL, Aqua TROLL, and RDO sensors. It has an integrated data logger and cellular modem to provide real-time connectivity to the instrument's readings. This uniquely simple solution allows existing monitoring locations to add real-time data with minimal effort at a fraction of the cost compared to other data logger solutions.

G2-ISI can be configured directly from any web browser without the need for costly site visits and complicated connections. The system wirelessly transmits water quality data to **WQData LIVE'**s cloud-based data management platform at user-defined intervals. Paired with **WQData LIVE**'s configurable alerts, users can be automatically notified of data outliers or other anomalies directly on a mobile device or computer. Historical data can be viewed, graphed, and downloaded from **WQData LIVE** for additional analysis.

Designed for simplicity, the **G2-ISI** includes an **SP8** solar power pack to allow for long-term deployments without the need for frequent site visits and maintenance. The integrated cellular modem with bundled NexSens hosted service provides real-time communication without the complexities of setting up a cell account. A compact and integrated design with all parts pre-mounted to a 2" NPT pipe makes deployment simple.

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specifications

Mounting	2" NPT pipe thread (wall / panel mount capable)
Material	Aluminum mast, polycarbonate enclosure
Weight	19.0 lbs.
Dimensions	26.0" height, 9.9" width
Temperature Range	-30 to 70°C
Rating	IP65
Memory	Over 20M data points before rollover (Over 30 years with 8 parameters and a 15 minute interval)
Sensor Connector	Twist-Lock
Power Pack	SP8 - 8W solar panel with 12V 6AHr SLA battery
Power Connector	NexSens UW-6 receptacle
Communication	Verizon or AT&T 4G cellular modem
Transmission Trigger	Parameter threshold, time-based
User Interface	NexSens WQData LIVE web portal
Log Interval	User configurable from 1 minute (15 minute default)[1]
User Parameters	Parameter list dependent on configuration of attached instrument
Diagnostic Data Parameters	Input power, internal temperature, internal humidity, cell signal strength, cell module power, processor power, processor current, RTC power, cell module current, cell status

[1] System power consumption and availability vary based on configuration and location. Please utilize the Power Calculator to determine application specific requirements.

parts list

Part #	Description
G2-ISI-VZ4G	Water level & quality monitor for In-Situ smart sensors, Verizon 4G LTE cellular telemetry
G2-ISI-AT4G	Water level & quality monitor for In-Situ smart sensors, AT&T 4G LTE cellular telemetry
G2-ISI-RTU-VZ4G	Water level & quality monitor RTU only for In-Situ smart sensors, Verizon 4G LTE cellular telemetry
G2-ISI-RTU-AT4G	Water level & quality monitor RTU only for In-Situ smart sensors, AT&T 4G LTE cellular telemetry

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