



# SOLOSiren®

## Wireless pH Monitor



Accurate Wireless pH Monitor

Easy SetUp and Operation

Wireless Data Transmission

Rugged Field Case

Lightweight, Highly Portable Compact Design

Self-Sustaining, User Replaceable Battery System

### Technical Specifications:

Dimensions:	9.84" x 6.12" x 2.89"
Weight:	5 lbs.
Enclosure:	ABS / PC / TPU
Power:	Logger Input: 3.3V DC Sensor Input: 12V DC
Battery:	Rechargeable Battery Pack
Input:	Single Sensor - Analog, Serial, Digital or Pulse
Data Storage:	Internal Flash Memory, 88000 Sensor Readings
Sampling Rate:	User Defined: 1 Minute Minimum (Standard) 1 Second Minimum (Optional)
Alarming:	User Defined Data Point Threshold
Wireless:	4G LTE Worldwide Cellular Modem
SMS Alarming:	Optional with Single Point Blind Alarm
Software Interface:	FieldSIREN™ Proprietary Field Software (Included free with every purchase.)
Data Interface:	BlueLive® Cloud Based Big Data Hosting, FTP, Drop Box®, Google Drive®
Temperature:	-40°C to 60°C (-40°F to 140°F)

### SOLOSiren®

The SOLOSiren® will provide you with accurate insight into your environmental data collection program without breaking the budget. Designed by field technicians with over 20 years experience, it's rugged, tough, and user-friendly.

With sensor options to meet the demand of today's environmental monitoring challenges, the SOLOSiren® is the go-to device for short term, fast turn-around data acquisition.

With the combination of an ultra-low power microprocessor and a user replaceable power pack, the SOLOSiren® will provide up to six months of data acquisition on a single charge.

With simplified user definable sampling, alarm, and data transmission rates, know the condition of your site in near real-time.



ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION, DESIGN OR OTHERWISE. .... It shall be the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.



## Technical Specifications:

Weight: 250 Grams

Body Material: Ryton Thermoplastic

Max Depth: 60m (197ft)

Max Pressure: 100 PSI

Accuracy: +/- 0.002

Operating Voltage: 3.3V - 5V

Temp. Compensation: Yes

Resolution: 0.001

Range: 0.001 - 14.000

Temp. Probe Type: Class A Platinum, RTD

Cable: 3 Meters (10 Feet)

Data Protocol: UART and I<sup>2</sup>C

Response Time: 1 Reading Per Second

Data Format: ASCII

Temperature Range °C: 1°C to 99°C

Life Expectancy: ~4 Years +

Fully Submersible

Max Pressure Of 100 PSI

Temperature Range Of 1-99°C

Double Junction Silver/ Silver Chloride

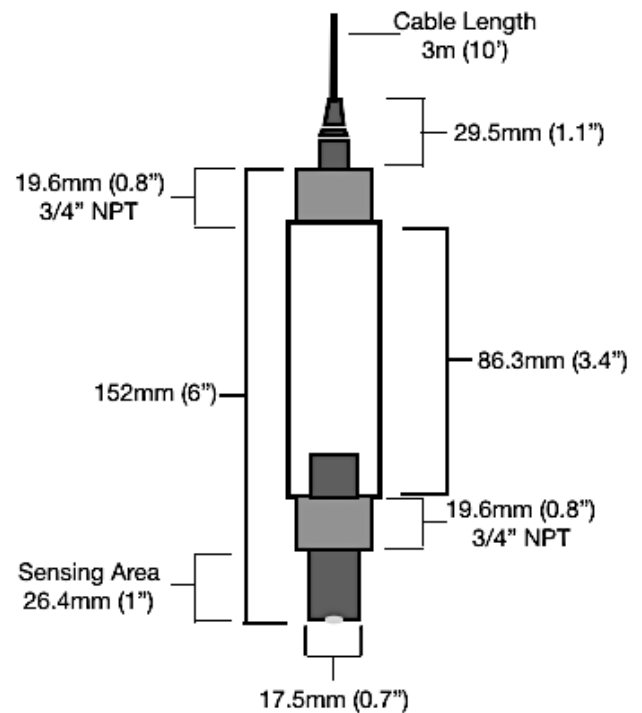
Measure from 0 to 14 pH

## Monitor 0-14 pH

Easily measure and autonomously monitor pH levels in water and wastewater applications.

Fully submerge the pH probe into any fresh, salt, or industrial water up to 60m. The probe's glass membrane allows hydrogen particles to diffuse through its outer layer which react with hydrogen particles left in the fluid.

This high-temperature resistant sensor is great for industrial and sewage applications and can monitor pH levels up to 100 PSI with an accuracy of +/-0.002.



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# DATA MANAGEMENT

## Wireless Cloud Delivery and Data Analysis

*View and Analyze Real Time Data*

*Automatic Delivery to Hosting Provider of your choice, DropBox®, Google Drive®, FTP, email, BlueLive®*

*Batch View Line and Scatter Plots*

*Manage Large Networks*

*Multiple End Users, No Additional Fees*



### FLEXIBLE DATA PLAN AND DELIVERY OPTIONS:

Automatically upload monitor data to BlueLive®, DropBox®, GoogleDrive®, email, or a FTP location of your choice. The internal worldwide 4G LTE wireless module supports multiple countries and cellular frequencies. In addition, WiFi connectivity options also available for infrastructure implementation. Provide your own SIM card and cellular network or have Blue Siren provide one for you. Blue Siren has low cost options on major networks such as AT&T® and Verizon Wireless®.



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