



SOLOSiren®

Oxidation Reduction (ORP) Monitor

Accurate Wireless Oxidation Reduction Potential (ORP)

Easy SetUp and Operation

Wireless Data Transmission

Rugged Field Case

Lightweight, Highly Portable Compact Design

Self-Sustaining, User Replaceable Battery System

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.



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)



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.



Industrial ORP Probe Product Specification Sheet



Fully Submersible

Max Pressure Of 100 PSI

Temperature Range Of 1-99°C

Embedded ORP Circuit

Continuous 1 Reading Per Second

Technical Specifications:

Body Material: Ryton Thermoplastic

Response Time: 1 Reading Per Second

Max Depth: 60 meters (197 feet)

Max Pressure: 100 PSI

Range: -1,019.9mV - 1,019.9mV

Accuracy: +/- 1mV

Operating Voltage: 3.3V - 5V

Temperature Range: 1°C to 99°C

Temp. Compensation: N/A

Cable: 3 Meters (10 Feet)

Data Protocol: UART and I²C

Data Format: ASCII

Oxidation Reduction Probe

Seamlessly check oxidation and reduction potentials with the Blue Siren® ORP probe attached to the SOLOSiren® Industrial Monitor.

This high-temperature resistant probe will measure electron activity in fresh, salt, and industrial fluids.



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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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