BLUE SIREN®

SOLOSiren®

High Resolution Temperature Monitor

Accurate Temperature Monitor from -200ºC to 850ºC

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 Wordwide 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)

BLUE SIReN®

Temperature Sensor
Product Specification Sheet

Fully Submersible

High Range Reads Temperatures as Low as -200ºC and as High as 850ºC.

Cable can be extended up to 300 meters.

Platinum Resistance Thermometer

High Accuracy +/- (0.15 + (0.002*t))

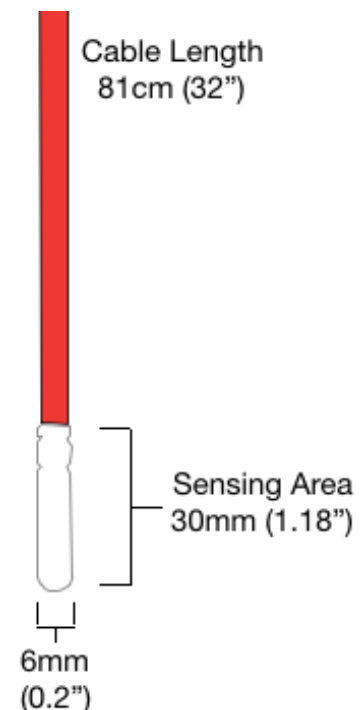## TEMP

High range sensor measures from -200ºC to 850ºC. Measure the toughest of environmental conditions.

High resolution of 0.001ºC make this sensor versatile in the lab, field, soil, industrial and wastewater applications. The cable can be extended up to 300 meters and reads temperatures as low as -200ºC and as high as 850ºC.

Digital processing sends stable readings to the wireless RTU allowing for accurate data with every sample collected.

Technical Specifications:

Dimensions:	6mm x 81cm (0.2" x 32")
Probe Type:	Class A Platinum, RTD
Sensing Material:	304 SS
Connector:	Male BNC
Range:	-200ºC - 850ºC
Accuracy:	+/- (0.15ºC + 0.002 x ºC)
Resolution:	0.001
Response Time:	1 Second Reading
Temperature Output:	ºC, ºK, ºF
Cable Length:	81cm
Min/Max Cable Temp:	-55ºC/125ºC
Operating Voltage:	3.3V - 5V
Data Format:	ASCII

Cable Length
81cm (32")

Sensing Area
30mm (1.18")

6mm
(0.2")

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®
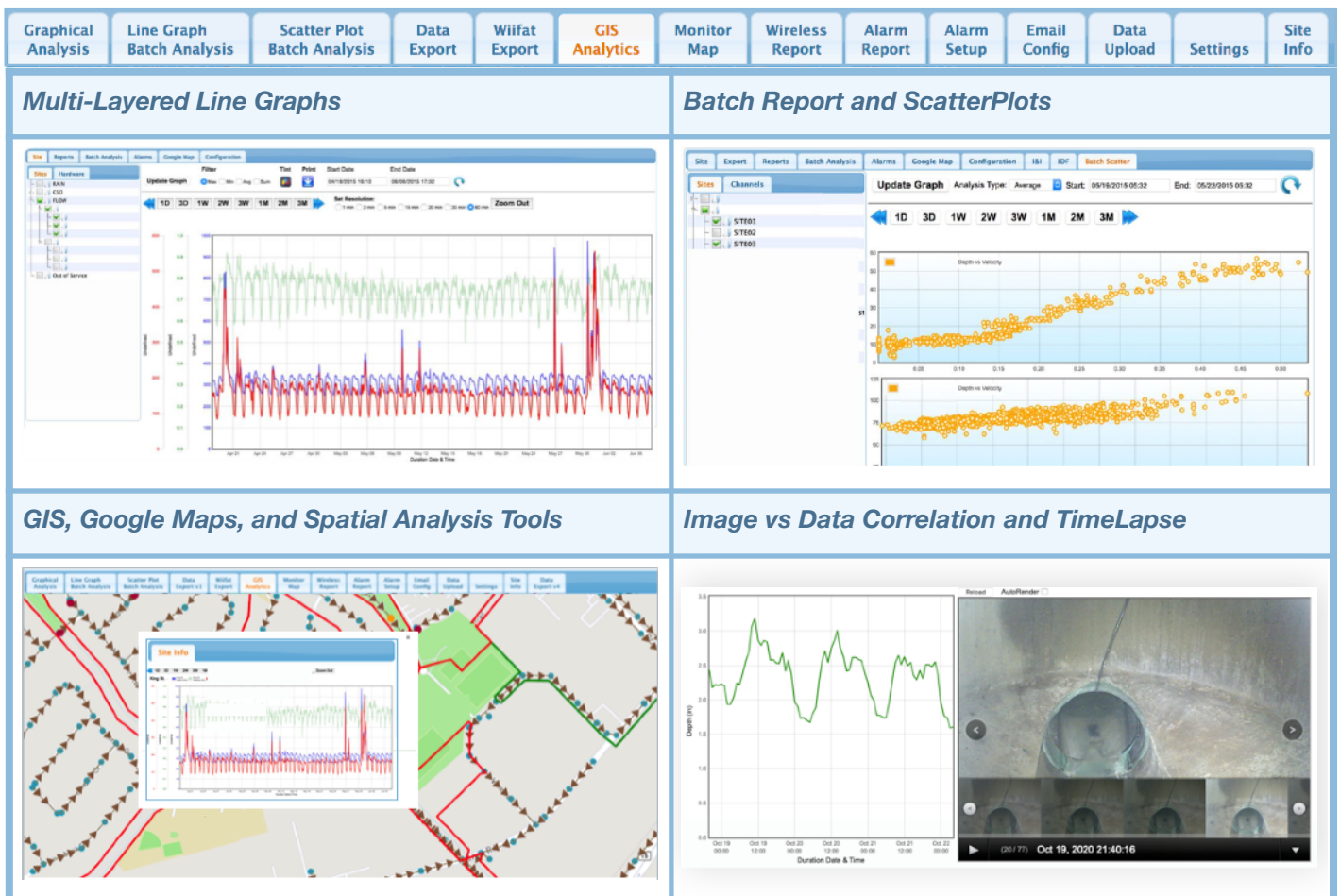
Batch View Line and Scatter Plots

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®.

Multi-Layered Line Graphs

Batch Report and ScatterPlots

GIS, Google Maps, and Spatial Analysis Tools

Image vs Data Correlation and TimeLapse