



# FLOW SIREN ATEX

## INTRINSICALLY SAFE WIRELESS OVERFLOW ALARM



ATEX - IECEx (Ex II 1G IECEx Ex ia IIB T4 Ga)

DualWave Ultrasonic Doppler Flow Sensors Included

Connect up to 2 AV and 8 Overflow Alarm Switches

Waterproof, Impact Resistant HDPE, UR Enclosure

Alkaline or Rechargeable Battery Pack

### Ex - FLOWSiren™

The ExFLOWSiren™ is an intrinsically safe, multi-sensor autonomous wireless monitoring platform designed to work in the harshest conditions.

Automatically upload data for analysis to the Cloud, DropBox®, GoogleDrive® or FTP location of your choice. Future proof worldwide wireless module supports multiple countries and cellular frequencies.

**IECEx : Ex ia IIB T4 Ga (Intrinsic Safety 'ia')**  
**Ex : II 1G Ex ia IIB T4 Ga**

\* Monitor Shown without Battery Pack

Dimensions:	7 X 7 X 4 in. with bumpers 7 X 7 X 12 in. with Battery Pack and Cage
Weight:	approx. 10 lbs.
Enclosure:	Impact Proof UR, EP materials
Rating:	Fully encapsulated enclosure can be submerged for up to 2 hours under 1m of water
Power:	Logger Input: 3.3V DC Sensor Input: 2V DC Battery Packs
Battery:	Alkaline or Rechargeable Battery Packs Available
Input:	Up to 20 Sensor Channels
Data Storage:	88,000 Samples, 2.5 Years@15 min sample rate
Sampling Rate:	User Defined: 1 Minute Minimum (Standard)
Alarming:	Up to 8 Alarm switches
Wireless:	2G 3G Worldwide Cellular Modem
Software Interface:	FieldSIREN™ Proprietary Field Software (Included free with every purchase.)



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.



# High Level Overflow Alarm and Surge Sensor Product Specification Sheet



Leak Proof

Shock Proof

Impact Resistant

Resistant To Sewage And Wastewater Applications

Operating Temperature Range Of 32°F to 170°F

## High Level Alarm

Easily monitor and send alarms when water levels reach a critical point. The internal switch activates as the float rises 1" or 5" above horizontal.

Leak-proof operation makes this sensor optimal for monitoring water and wastewater applications.

Mini and Standard sizes are available.

## Technical Specifications:

Body Material Exterior: Durable PolyPropylene

Body Material Interior: Solid Polyurethane Foam

Actuation Point: 1" Above/Below Horizontal

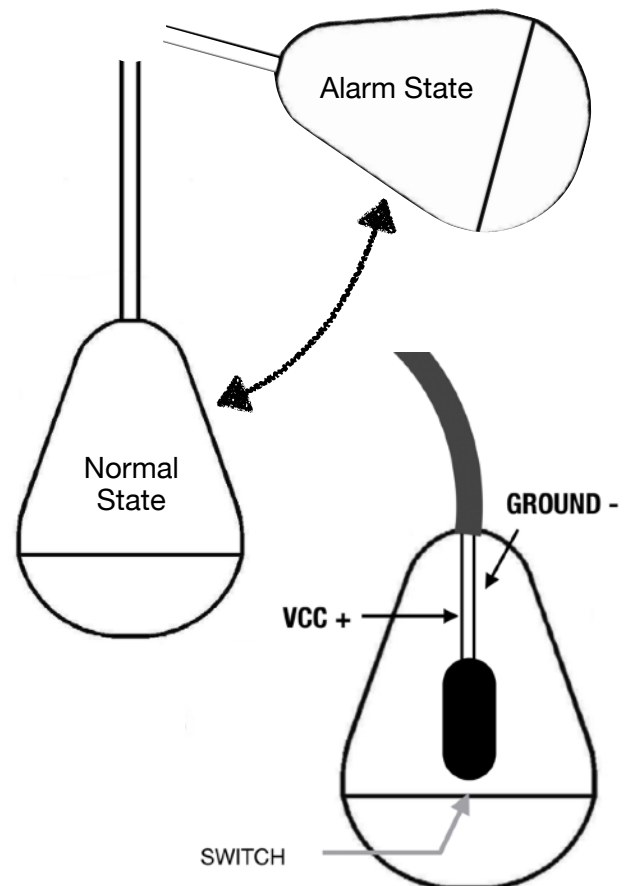
Operating Voltage: 10 AMP - 120V AC  
3 AMP - 240V AC

Cable Material: Chlorinated Poly Ethylene

Temperature Range: 32°F to 170°F

Cord Weight: 1.22lbs

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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®.

Graphical Analysis	Line Graph Batch Analysis	Scatter Plot Batch Analysis	Data Export	Wiifit Export	GIS Analytics	Monitor Map	Wireless Report	Alarm Report	Alarm Setup	Email Config	Data Upload	Settings	Site Info
<b>Multi-Layered Line Graphs</b>						<b>Batch Report and ScatterPlots</b>							
<b>GIS, Google Maps, and Spatial Analysis Tools</b>						<b>Image vs Data Correlation and TimeLapse</b>							

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