

Sprite

Enclosure

Physical dimensions	4" x 2.5" x 7/8" approx.
All high impact plastic enclosure with waterproofing gasket and molded cable gland.	Yes
Weight:	
Operating Temp:	op -4 to 145 F
Storage Temp.	-40°F to -185°F (-40°C to 85°C)

Tracking / GPS

Built-in GPS gives GPS location delivered by SMS.	Yes
GPS receiver built in, with internal antenna	Yes
Geofence capability enables an imaginary perimeter to be set around an asset's position. If the asset moves outside the boundary (fence) the Siren Unit responds with an immediate "Transgression" SMS (Text) message followed by position messages at preset time or distance intervals.	Yes
Current asset position can be polled at any time from user's cellphone. Devices will respond with Lat and Long info, speed, course and Altitude. Position is delivered as a hyperlink for instant plotting onto Google Map.	Yes
Geofence Limits	User defined with 15m minimum radius limit.
Factory presets:	Geofence Radius = 100 meters Timed reports after Geofence transgression every 5 minutes. Distance-based reports disabled but can be user activated.

Messaging

Direct Sprite/Pixie to cellphone SMS service. No message center, no monitoring fees, no GPRS servers, no Internet and no wired phone lines are required.	Yes
Email is supported where networks publish an SMSC Gateway phone number.	Only out of North America
Prepaid cards are supported.	Yes
Factory preset messages according to switch assignment.	yes via SMS Messages and USB
Messages are user-changeable.	Yes
Sends SMS message to up to 4 recipients	Yes

Input Monitoring Functions

Any contact opening or closing can be sensed. Factory switch assignments deliver appropriate messages.	
All messages are factory defaulted but easily changed by user via text message.	
Five-level programmable DELAY in each switch	
Default Factory input switch settings	
Sw#1:	Bilge level Float
Sw#2:	Door/Hatch Entry
Sw#3:	User Assigned
Sw#4:	User Assigned
Sw#5:	User Assigned
Sw#6:	User Assigned

Remote Control Outputs

Output 1	Built-in RELAY that can switch 1 amp load. Same voltg as supply voltage of the main unit. Designed to control an external relay for remote switching of any load and voltae.
Output 2	Built-in RELAY that can switch 1 amp load. Same voltg as supply voltage of the main unit. Designed to control an external relay for remote switching of any load and voltae.

Telemetry

Telem#1:	External Power source voltage (Ship's Battery).
Telem#2:	9' temperture probe for 'spot' temperature. -22 F (-30 C) to 230 F (110 C)

Other features

Secure system only allows user-registered devices to operate on system.	Yes
Four (4) phone number call directory.	Yes
Built in Temperature sensor delivers SMS of temp in C/F degrees.	-40°F to -185°F (-40°C to 85°C)
Temperature (Low/Normal/High) alarms factory set, user adjustable.	Also Max & Min recorded temp over set period.
Internal Backup battery precentage delivered by SMS.	Yes
GSM and GPS signal levels and status delivered by SMS.	Yes
All Latitude and Longitudes delivered as Google Map hyperlinks.	Yes
Power Loss and Power recovery alarm delivered by SMS.	Yes
Allows checking of prepaid simcard balance remotely, where network permits.	Yes - network dependent
Phonebook inter-messaging	yes
Languages.	English
Offers backup, download and cloning functions.	Using mini-USB Cable and custom software (dealer only)
input switch programable delay	yes
User HELP messages sent by request.	yes
User-definable periodic report delivers all readings and device states as one SMS message.	Yes
Command Language Interpreter accepts multiple embedded commands in text messages for execution. Includes programmable Wait periods, switch activation and output control commands.	Yes

Technology

Utilizes latest Swiss GSM and GPS technology.	Yes
Quad Band GPS 850MHz/ 900MHz/ 1800 MHz/ 1900MHz:	Yes
Receiver sensitivity:	-110dBm
Transmitter power:	2 Watt EGSM/GSM 850 1 Watt GSM 1800/1900
INTERNAL High gain GPS and GSM antennas.	Yes
External provision.	Yes by special order
External Connections	Single multi-core waterproof cable provided. 5/16 ring terminal connectors
Power supply:	12 to 24Vdc
Charger current:	below 40 mA typical quiescent
Standby Battery:	1,800 mAh Li Ion Built-in. Up to 4 days reserve. *varies with charge state, temperature and battery age.
Intelligent Battery management	Yes