

Pixie

Enclosure

Physical dimensions

4" x 2.5" x 7/8" approx.

All high impact plastic enclosure with waterproofing gasket and molded cable gland.

Yes

Working Voltage:

12 - 24VDC

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 SMS Gateway phone number.

Prepaid cards are supported.

Only out of North America

Factory preset messages according to switch assignment.

Yes

Messages are user-changeable.

yes via SMS Messages and USB

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 voltage.

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 voltage.

Telemetry

Telem#1:

External Power source voltage (Ship's Battery).

Telem#2:

Onboard ambient 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)

Also Max & Min recorded temp over set period.

Temperature (Low/Normal/High) alarms factory set, user adjustable.

Yes

Internal Backup battery percentage 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

Yes

INTERNAL High gain GPS and GSM antennas.

Yes by special order

External provision.

Single multi-core waterproof cable provided.

External Connections

5/16 ring terminal connectors

12 to 24Vdc

Power supply:

below 40 mA typical quiescent

Charger current:

1,800 mAh Li Ion Built-in. Up to 4 days reserve. *varies with charge state, temperature and battery age.

Standby Battery:

age.

Intelligent Battery management

Yes