Satellite-Managed Asset-Ready Tracker

Designed for the intelligent management of fixed and mobile assets, the S1-C is a practical solution for a multitude of options including:

- 12 different reporting times
- Alternate reporting scheduling
- Interval or 24-hour operation mode
- Low battery message

Track intermediate bulk containers, vehicles and boats as a solution to improve your asset's operating efficiency and security.

The S1-C can be line-powered, or in the absence or interruption of external power, the S1-C will automatically switch to battery backup. When using line-power, the user has maximum flexibility in messaging frequency allowing for regular monitoring of asset location.

The S1-C utilizes motion sensors, comparative GPS positions and custom configured sensors to gather and transmit asset status information. Each S1-C is configured to track its asset's specific needs and provide intermediate and emergency alerts by email or text (VAR software integration required).

Features

- Quick Installation: Use industrial adhesives, brackets or screw mounts for installation
- Simple packaging: Requires no harnesses, external power or external antenna
- Automatic alerts: Change of location sensing sends alerts if asset moves outside of pre-determined range
- Messaging cost reduction mode: Reduced satellite messaging if asset remains in same location for a pre-determined period of time
- Hardware on/off feature: Allows the unit to initiate GPS re-centering functionality
- Accepts serial signals (TTL) from external inputs

Configuration Software

- Software configuration tool easily installs on PCs

S1-C Setup Includes

- 12 different reporting times
- Interval or 24-hour operation mode
- Alternate reporting scheduling
- Low battery message
- Motion Sensor/Vibration parameter and scheduling
- Contact closure parameters
- Diagnostic messages

Benefits

- Operates on 5v external line power, 8-22v regulator cable, or (4) AAA Lithium batteries
- Asset-ready design: Allows for easy installation and field management without the need for antennas or external power
- Removes the need to purchase expensive proprietary batteries for replacement
WEIGHT: 3.6oz/102g (with 4 batteries and mounting hardware)

OPERATING TEMP.: -30° to +60° C NOTE: The unit shall remain operational over the -40° to +85°C range, though may experience battery life and RF signal degradation

LINE POWER: 5v DC or 8-22v DC with regulator cable

BATTERY TYPE: (4) AAA 1.5v lithium Provides 1.5+ years of battery life Removes the need to purchase expensive proprietary batteries for replacement

DIMENSIONS: 2.7 IN (H) x 3.25 IN (W) x 1 IN (D) (with brackets)

CERTIFICATIONS:
- ANATEL Certification for Brazil (pending)
- FCC CFR Parts 15 and 25 Industry Canada
- CE Mark (European Certification)
- COFETEL (pending)

STANDARDS:
- SAEJ1455 MIL STD 810
- NEMA 4X / IP68
- RoHS Compliant

SAT TECHNOLOGY:
- Global LEO Satellite operation using the Globalstar Simplex Data Network

Accesoires
- USB Configuration Cable (Sold Separately)
- Combined Serial, 5v LP, I/O Cable (Sold Separately)
- Combined Serial, 22v LP, I/O Cable (Sold Separately)

Feature Set

STANDARD MESSAGING
- Wake, GPS locate, transmit location, resume sleep
- 12 programmable sleep time-of-wake settings

INTEGRATED VIBRATION SENSOR
- Message on start and stop
- Engage interval override on motion for set time or while in motion

ALTERNATIVE REPORTING
- Alternate supervisory reporting schedule triggered by alarm or motion
- Transmits GPS location on alternate interval for programmed time or while alarm remains active

CHANGE OF LOCATION
- Theft alert reporting based on distance moved
- Reduced messaging mode

SERIAL COMMUNICATION CAPABILITY
- User defined messages
- Serial (TTL) I/O capability to interface with remote passive and smart sensors and deliver user defined messages