

SmartOne C

Satellite asset manager

Globalstar 



The **SmartOne C** is the market's most affordable and feature-rich tracker for locating fixed and mobile assets and transmitting sensor data. Line or battery-powered, it is a small, easy-to-mount unit that is ideal for sending GPS coordinates at long intervals and configurable for various frequency rates.

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

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

Track intermediate bulk containers, vehicles and boats as a solution to improve your asset's operating efficiency and security. The SmartOne C can be line-powered, or in the absence or interruption of external power, the SmartOne C will automatically switch to battery back-up. When using line-power, the user has maximum flexibility in messaging frequency allowing for regular monitoring of asset location.

The SmartOne C utilizes motion sensors, comparative GPS positions and custom configured sensors to gather and transmit asset status information. Each SmartOne 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
- Operates on 5V external line power, 8-24V regulator cable, or (4) AAA Lithium batteries
- Automatic alerts: Change of location sensing sends alerts if asset moves outside of pre-determined range
- Messaging 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 Windows PCs

Benefits

- Asset-ready design: Allows for easy installation and field management without the need for antennas or external power
- No need to purchase expensive proprietary batteries for replacement

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SmartOne C Setup Includes

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

Operating Specifications

dimensions

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

weight

- 3.6oz/102g (with 4 batteries and mounting hardware)

operating temperature

- -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 8-24V Input Cable with regulator

battery type

- (4) AAA Energizer Ultimate Lithium (L92) Included 1.5V lithium
- Provides 1.5+ years of battery life
- Removes the need to purchase expensive proprietary batteries for replacement

certifications

- ANATEL Certification for Brazil
- FCC CFR Parts 15 and 25
- Industry Canada
- CE Red

standards

- SAE J1455 MIL STD 810
- NEMA 4X / IP68
- RoHS Compliant

satellite technology

- Global LEO Satellite operation using the Globalstar Satellite Network. See Globalstar website for Coverage Map.

Accessories

- USB Configuration Cable (Sold Separately)
- Combined Serial, 5v LP, I/O Cable (Sold Separately)
- Combined Serial, 8-24V Dry Contact Input Cable, I/O Cable (Sold Separately)

Feature Set

standard messaging

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

integrated accelerometer

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

alternative reporting

- Supervisory reporting schedule triggered by alarm or motion
- Transmits GPS location on interval for programmed time or while alarm remains active

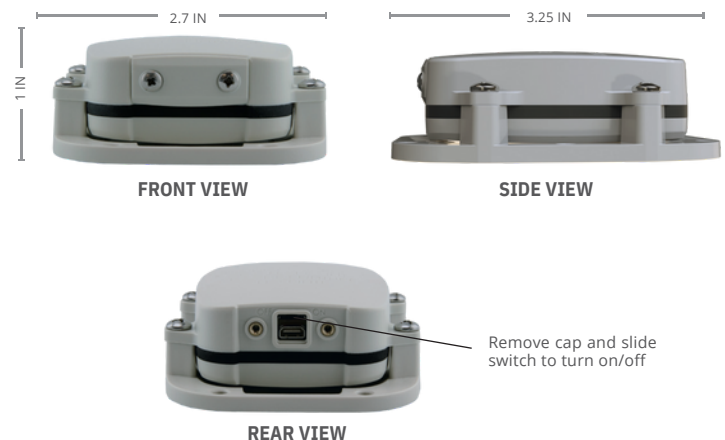
change of location

- 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

Technical Specifications



For more information on how Globalstar's advanced product technologies can become an integral part of your wireless solution, please visit us online at www.globalstar.com/en-za/