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
- FCC, ISED, CE, UKCA, ACMA, ANATEL, ENACOM, NOM, MTC, ARECOM, NCC, ICASA, TELEC, KCC, NTC, ITU (GMPCS)

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
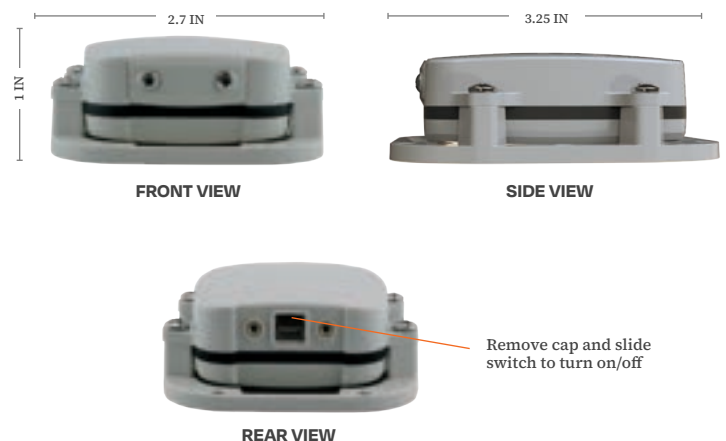- Transmits GPS location on interval for programmed time or while alarm remains active

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

2.7 IN

1 IN

FRONT VIEW

3.25 IN

SIDE VIEW

Remove cap and slide switch to turn on/off

REAR VIEW

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**.