



ORBCOMM SmartOne™ C



Features

- Quick installation: Use industrial adhesives, brackets or screw mounts for installation
- Operates on 5v external line power, 8-22v 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

Satellite-Managed Asset-Ready Tracker

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).

Configuration Software

- Software configuration tool easily installs on 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

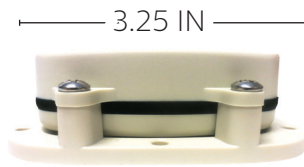
Smartone C Setup Includes

- 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

Technical Specifications



FRONT VIEW



SIDE VIEW



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 8-22v 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
- **CERTIFICATIONS:**
 - ANATEL Certification for Brazil (pending)
 - FCC CFR Parts 15 and 25
 - Industry Canada
 - CE Mark (European Certification)
 - COFETEL (pending)
- **STANDARDS:**
 - SAE J1455 MIL STD 810
 - NEMA 4X / IP68
 - RoHS Compliant
- **SATELLITE TECHNOLOGY:** Global LEO Satellite operation using the Globalstar Simplex Data Network

Feature Set

- **STANDARD MESSAGING:**
 - Wake, GPS locate, transmit location, resume sleep
 - 12 programmable sleep time-of-wake settings
- **ALTERNATIVE REPORTING:**
 - Supervisory reporting schedule triggered by alarm or motion
 - Transmits GPS location on interval for programmed time or while alarm remains active
- **INTEGRATED ACCELEROMETER:**
 - Message on start and stop
 - Engage interval override on motion for set time or while in motion
- **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

Accessories

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



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