

SMARTONE - C

Satellite managed asset-ready tracker for use with the Globalstar network.

A robust, practical solution for tracking asset location, reporting faults and movement. Ideal for fixed or mobile assets.



Overview

Designed for the intelligent management of powered and nonpowered fixed and mobile assets, the SmartOne LP (line-powered) is a practical solution for tracking asset location, reporting unauthorized movement, engine runtime reporting and major fault monitoring as well as a multitude of other applications. Track intermediate bulk containers, vehicles and boats as a solution to improve your assets operating efficiency and security.

FEATURES

- The SmartOne LP can be line-powered (operates on external power) or in the absence, interruption or failure of line-power, the SmartOne LP will automatically switch to battery back-up to ensure transmissions continue.
- When using linepower, the user has maximum flexibility in messaging frequency allowing for regular monitoring of asset location.
- The SmartOne LP utilizes motion sensors, comparative GPS positions and custom configured sensors to gather and transmit asset status information. Each SmartOne LP is configured to track its asset's specific needs and provide intermediate and emergency alerts by email or text (VAR software integration required).

Details

Manufacturer:	• Globalstar
Network:	• Globalstar
Device Type:	• Terminal
Markets:	• TRACKING • Utility • Military

TECHNICAL SPECIFICATIONS

POWER

LINE POWER

5v DC or 8-22v DC with regulator cable

BATTERY TYPE

(4) AAA 1.5v lithium batteries

Provides 1.5+ years of battery life (dependent on usage profile)

Removes the need to purchase expensive proprietary batteries for replacement

PHYSICAL & ENVIRONMENTAL

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

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
- Up to 12 programmable sleep time-of wake settings

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

INTEGRATED VIBRATION SENSOR:

- Message on start and stop
- Engage interval override on motion for set time or while in motion
- Integrated Motion (Vibration) Sensor sends messages on start and stop motion event

MESSAGING COST REDUCTION:

- Reduced satellite messaging if asset remains in same location or cannot obtain a GPS fix (indoors)

CHANGE OF LOCATION:

- Theft recovery reporting based on distance moved
- Reduced messaging mode