



SmartOne™ by Globalstar

Satellite-Based Asset Tracking Management Solution

- Out performs GEO and Terrestrial devices
- Designed intuitively, requires no maintenance
- Easily mounted with automotive adhesive tape or screw mounting
- Operates months to years on 4 'off-the-shelf' AA 1.5V lithium batteries
- Location, door, and motion data information
- Three Reporting Modes: Based on 'in-motion' or stationary status
- Operates in extreme temperatures and conditions
- Requires no harnesses, no external power and no external antenna
- Change of location sensing sends alerts if asset moves outside of pre-determined range
- Reduced satellite messaging if asset remains in same location
- Run time monitoring
- Hardware on/off feature allows the unit to initiate GPS re-centering functionality
- Accepts serial signals from device sensors



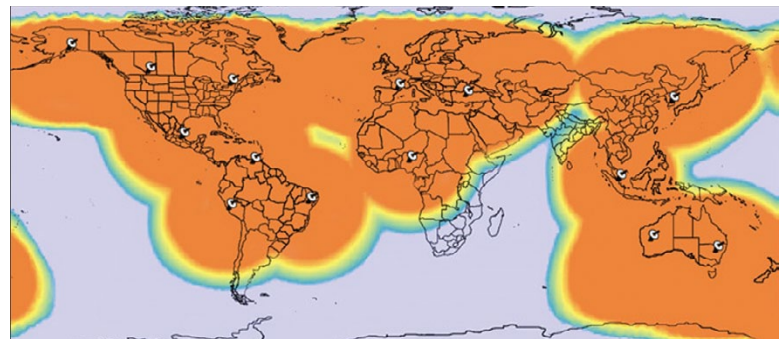
Product Information

Absolute Software, a Value Added Reseller for Globalstar Inc., is pleased to offer Globalstar's SmartOne™ simplex data asset tracking product.

Designed for the intelligent management of powered and non-powered fixed and movable assets, SmartOne is a practical solution for engine runtime reporting and major fault monitoring for portable construction equipment as well as tracking intermediate bulk containers, vehicles and boats.

The "asset ready" design allows it to be easily installed and field managed without the need for harnesses, antennas, or external power. The SmartOne is powered by 4 "off-the-shelf" AA 1.5V lithium batteries providing 3+ years of battery life and removes the need to purchase expensive proprietary batteries for replacement.

The SmartOne utilizes motion sensors, comparative GPS positions and custom configured sensors to gather and transmit asset status information. Each SmartOne is configured to track its asset's specific needs and provide intermediate and emergency alerts by email and/or text/cellular.



Last Updated Dec., 2009



Globalstar Gateway



Primary Globalstar Service Area (100% - 98% completion rate*)



Extended Globalstar Service Area (98% - 90% completion rate*)



Fringe Globalstar Service Area (90% - 80% completion rate*)

* Completion rates based on Remote Telemetry Units (RTU) that are set to transmit a single packet message 3-times (the original transmission plus 2-repeats) in the frequency appropriate for the given regions. This is an estimate of coverage only. Actual Remote Telemetry coverage may vary based on terminal location, terrain features, signal strength and other factors affecting satellite communications. Coverage may vary. Specifications subject to change without notice.

The SmartOne Asset Management Device meets customer needs for a low cost high value global asset management solution.

SMARTONE IP68 Enclosure Specifications



SmartOne Specifications & Features	
Feature	Description
Network	GlobalStar
Power Source	4 x Lithium AA Batteries (not included)
Battery Life	3+ years
Antenna	Internal GPS
Weight	70 grams
Operating Temperature	-30 to +60°C
Device Events	Wake, sleep
	Low battery warnings
	Reporting schedule triggered by alarm, motion & distance moved
	Engine runtime reporting and major fault monitoring
	Ignition on/off
Location Monitoring	I/O sensors, diagnostics
	GPS position, 12 programmable position reporting settings
Target Assets	Motion sensing, vibration parameters
	Intelligent management of powered and non-powered fixed and movable assets
Certifications	GPS position, 12 programmable position reporting settings
	Intrinsic Safety (UL Class 1, Division 1 Groups A, B, C, D) for US and Canada
	ATEX
	FCC CFR Parts 15 and 25
	Industry Canada
Standards	CE Mark (European Certification)
	COFETEL
	SAE J1455
	MIL STD 810
Accessories	NEMA 4X / IP68
	RoHS Compliant
	Input Cable
	USB Configuration Cable
	Serial Cable

SmartOne Options	
Feature	Availability
GPS Position Reporting, Alarms and Events	✓
Digital Inputs (i.e. door sensors, panic alarm)	✓
Electronic Forms (Driver Logbooks, Custom Forms)	
Radio Frequency ID Tag Collection	
Engine Management Data (J1939/CAN Bus)	
Live Engine Diagnostics (Realtime J1939 access)	
Internet/Intranet Web Access (including VPN)	
Local Vehicle WiFi Access Point	
Full Email (including attachments)	
Short Email / Short Messaging Services	
Voice	
Coverage Area	Global

SmartOne™ manufactured by Globalstar