

Geo-TraxSAT+

Satellite-Based Asset Tracking Device

Designed for the intelligent management of mobile and fixed assets in cellular-denied environments, the Geo-TraxSAT+ is a practical solution with 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 Geo-TraxSAT+ can be line-powered or, in the absence or interruption of external power, the SAT+ 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 Geo-TraxSAT+ utilizes motion sensors, comparative GPS positions and custom configured sensors to gather and transmit asset status information. Each SAT device is configured to track its asset's specific needs and provide intermediate and emergency alerts by email or text.



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**

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**

GEO-TRAXSAT SETUP INCLUDES

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



Geo-TraxSAT+ Satellite-Based Asset Tracking Device

Specifications

Technical Specifications



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 Temp	-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 Tech	Global LEO Satellite operation using the Globalstar Simplex Data Network

Accessories

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

All specifications are typical and subject to change without notice

About Track Alaska:

“Keeping Watch over the Last Frontier.” A proven leader in wireless tracking solutions, Track Alaska deploys devices that enable clients to optimize their operations by collecting, monitoring, and efficiently reporting business critical data and desired intelligence from high-value remote vehicles, assets, and individuals.

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 ACCELEROMETER:

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

CHANGE OF LOCATION:

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

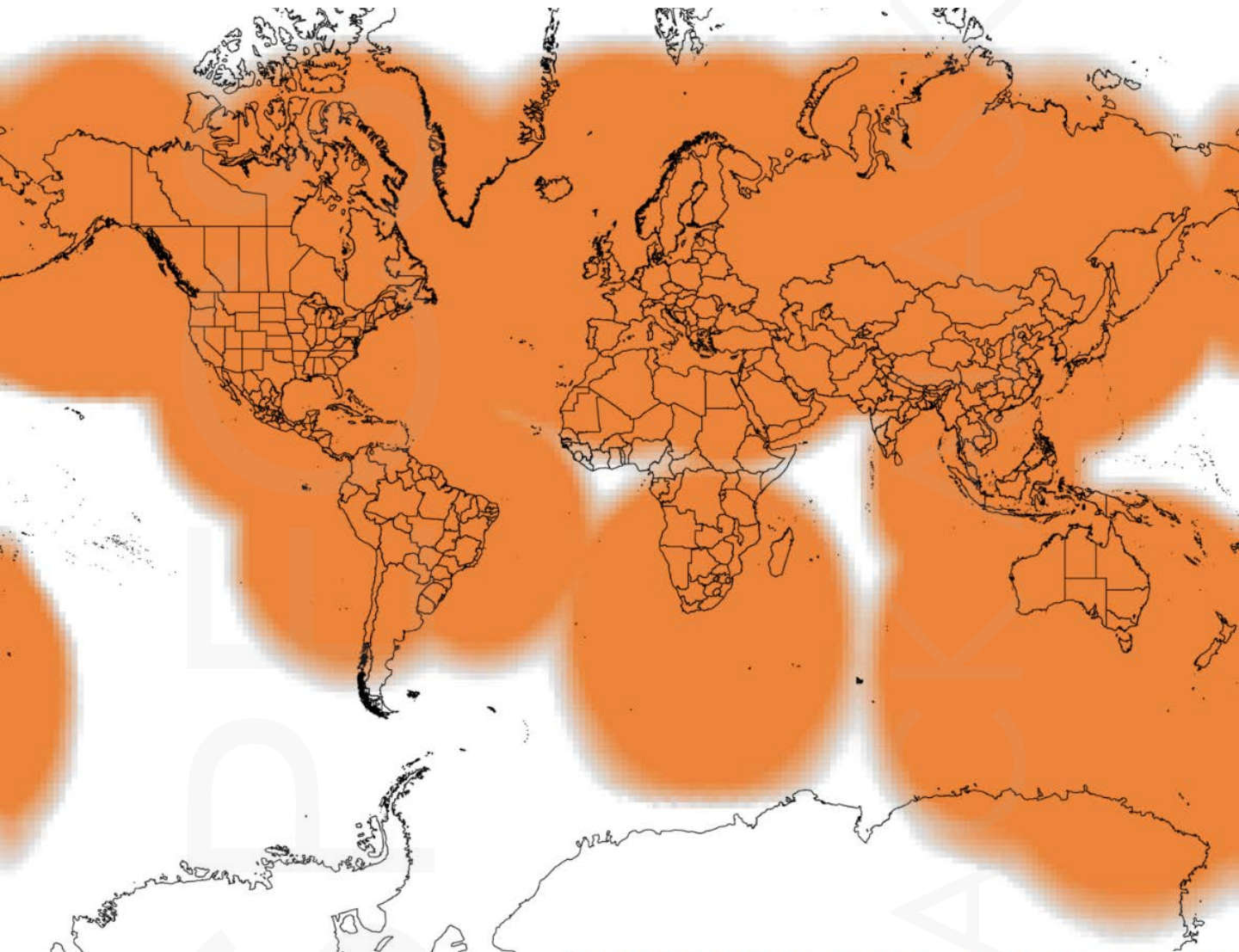
SERIAL COMMUNICATION CAPABILITY:

- User defined messages
- Serial (TTL) I/O capability to interface with remote passive and smart sensors and deliver user defined messages



Geo-TraxSAT+
Satellite-Based Asset Tracking Device

Global Coverage Map



Note: This map indicates areas of potential satellite coverage only. Actual availability of service in any particular country may be subject to government approval.

-  Primary Globalstar Service Area (100-90% completion rate*)
-  Fringe Globalstar Service Area (90-80% completion rate*)

