

Asset Tracker - AT-5000

Satellite, Battery, Intrinsically Safe



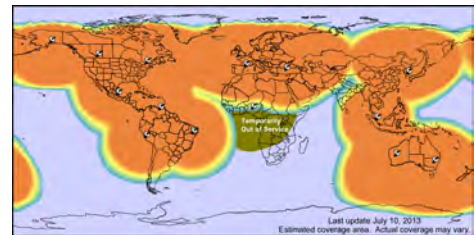
Designed for the intelligent management of powered and non-powered fixed and mobile assets, the AT-5000 is a practical solution for tracking asset location, reporting unauthorized movement, engine runtime reporting as well as a multitude of other applications. Track intermediate bulk containers, trains, barges, tanks, generators, vehicles, and boats as a solution to improve your assets operating efficiency and security.

The AT-5000 can be line-powered (operates on external power) or in the absence, interruption or failure of line-power, the AT-5000 will automatically switch to battery back-up to ensure transmissions continue. When using line-power, the user has maximum flexibility in messaging frequency allowing for regular monitoring of asset location.

The AT-5000 utilizes motion sensors, comparative GPS positions and custom configured sensors to gather and transmit asset status information. Each AT-5000 is configured to track its asset's specific needs and provide intermediate and alerts by email or text (VAR software integration required).

Features:

- Quick installation: Use industrial adhesives, found at local home store, brackets or screw mounts for installation
- Simple packaging: Requires no harnesses, external power or external antenna
- Automatic alerts: Change of location sensing sends alerts if asset moves outside of pre-determined range
- Messaging cost 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

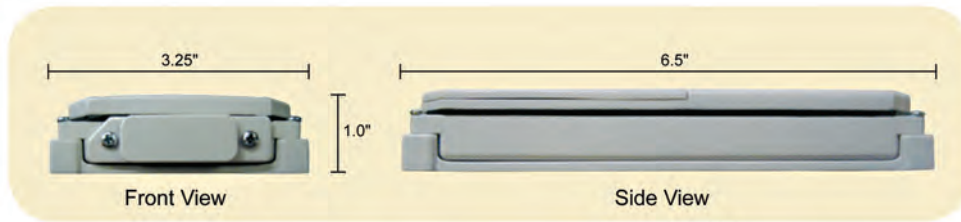


Benefits:

- Operates on external line power from 10 to 48 volts DC
- "Asset-ready" design: Allows for easy installation and field management without the need for antennas or external power
- Standard Messaging includes: Wake, GPS locate, transmit location, resume sleep and additional 12 programmable sleep and time-of-wake settings
- Messaging Cost Reduction Feature: Reduces satellite messaging if asset remains in same location or cannot obtain a GPS fix (indoors)



AT-5000 Tec nica Specifications



Unscrew and rotate connector cover to power on/off unit

Operating Specifications

Dimensions	3.25”H x 6.5”W x 1.0” D
Weight	13.5oz/385g (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	Up to 48 volts DC (optional)
Battery Type	4 AA 1.5V lithium-ion (from local retail store) Provides 3+ years of battery life No expensive proprietary batteries!
Certifications	UL913 and CSA C22.2 No. 157 Certified <i>Intrinsically Safe</i> for use in Class I, Division 1 Groups A, B, C, D environments for US and Canada - Battery mode only ANATEL Certification for Brazil (pending) FCC CFR Parts 15 and 25 Industry Canada CE Mark (European Certification) COFETEL
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:

-
- Gw

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

CHANGE OF LOCATION:

- Theft recovery reporting based on distance moved.

Accessories

- Combined Serial, LP, I/O Cable for PTO monitoring
- Mounting sled for easy move between assets