

AT6

Ultra-long life 3G Asset-Ready Tracker

Designed for the intelligent management of fixed and mobile assets, the AT6 is a practical solution for a multitude of applications including:

- Non powered assets
- Boats, caravans and trailers
- Generators and compressors
- Agricultural equipment
- Shipping containers & skips
- Mining equipment

The AT6 is a low-profile, rugged 3G GPS device designed for tracking non-powered assets where super-long battery life is required, without sacrificing the frequency or updates and accuracy performance.



The AT6 utilizes motion sensors, comparative GPS positions and custom configured sensors to gather and transmit asset status information. Each AT6 can be programmed to track its asset's specific needs.

FEATURES

- Quick installation: "Simply place and trace"
- Up to 5 years once daily location
- Up to 2 years detailed tracking
- IP67 water & dust proof
- Rugged, robust and low-profile
- Integrated accelerometer.
- Switch from "locate" to "track" O.T.A.
- Magnetic tamper detection (optional)
- Unauthorised movement alert

CONFIGURATION

- Units are pre-configured by Fleet Complete prior to dispatch
- OTA updates are supported

BENEFITS

- Asset-ready design: Allows for easy installation and field management without the need for antennas or external power
- Low cost tracking through 3G network
- No need to purchase expensive proprietary batteries for replacement
- Theft prevention and recovery
- Utilisation – ensure assets are being deployed effectively and efficiently at all locations
- Geo-fencing technology enables monitoring of sites, depot inventory levels, customer management and unauthorised asset use.

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TECHNICAL SPECIFICATIONS

DIMENSIONS	L225 x W65 x H30	ANTENNA	Boosted by low-noise amplifier (LNA) allows operation in "urban canyons" and container
WEIGHT	500g (inc batteries)	RECOVERY MODE	Contact Fleet Complete helpdesk to switch from Daily Locate to Live Tracking over the air
HOUSING	ABS/Polycarbonate plastic IP67 rated	AUTO-APN	Analyze SIM and detect APN from pre-loaded list.
OPERATING TEMPERATURE	-40° to +85° C NOTE: For extreme low temperatures the unit must be fitted with LTC batteries	MULTI-APN ON BOARD	Multiple APNS for Roaming
BATTERY TYPE	(4) C Cell size batteries (industrial recommended).	ASSISTNOW OFFLINE	Predicts satellite locations Reduce the time-to-fix-first Improves performance in 'urban canyon' or forested environments
SLEEP CURRENT	5uA (micro-amps)	3D ACCELEROMETER	Built-in 3 axis accelerometer
CELLULAR	2G/3G HSDPA	GEO-FENCES*	arrival and departure alerts "no-go" & "keep-out" areas
SIM	Single/optional chip for volume orders SIM	REDUCED POWER MODE	Reduce power use during shipping & out of range.
GSM ANTENNA	Cellular antenna tuned by RF laboratories to ensure optimal performance.	APPROVALS	CE, ISASA, C-TICK
GPS MODULE	High Sensitivity assisted GPS receiver, 72 channel		
GPS / GLONASS	Concurrent GPS\GLONASS		

*Subject to firmware version

ACCESSORIES

- Magnetic Anti-Tamper – Detects Opening or Removal

FEATURE SET

IP67

The housing is made of sturdy ABS/Polycarbonate plastic to survive bumps and knocks and is UV stabilized to survive many years in the sun, exposed to weather. It's low-profile makes it easier to mount in the corrugation on containers or to conceal on the underside of a trailer.

3D ACCELEROMETER

The 3 axis accelerometer allows the AT6 to "sleep" in an ultra-low power state yet still wake-up when movement occurs.

ADAPTIVE TRACKING

Adaptive-Tracking technology enables the accelerometer and GPS data to be used intelligently to work out if it is moving and to send frequent live updates, as well as to scale the update rate down to once per day if the asset is stationary in order to preserve battery life.

RECOVERY MODE

The AT6 can be remotely set to Recovery Mode which reconfigures the device to being live tracking so that you can quickly and accurately locate your asset.

GEOFENCES

Hundreds of geo-fences can be configured through MyGeotab to monitor things such as:

- Arrival & Departure alerts
- No-Go and keep-out areas

REDUCED POWER MODE

Reduce power by disabling communication when out of range eg ship at sea.

