



The Sting is an ultra-compact rechargeable 2G or 3G GPS tracking device, designed for tracking non-powered assets, packages & people. On-board temperature, humidity and light sensors.

Locate non-powered assets for up to 18 months, then recharge.



...and easily switch into Recovery Mode over-the-air live tracking or asset recovery

## Rechargeable GPS Asset Tracking on 2G & 3G

Simply "place 'n trace"

### KEY FEATURES

Up to 6 months tracking

Ultra compact

Light sensor

Temperature sensor

Humidity sensor

Rechargeable

Configurable tracking

### WORKS FOR...

Vehicles, Trucks & Trailers

Packages

Temperature sensitive loads

Children

Elderly

Delivery staff

Discrete asset tracking

Motorbikes

### APPLICATIONS

Vehicle and Fleet Tracking

Non-powered asset tracking

Anti-theft device

Monitoring children

Recovering stolen assets

Monitoring temperature in trucks

Personal security

Cash-in-transit

# Ultra compact, rechargeable battery powered GPS tracker, with light, temperature & humidity sensors



## Small & Compact

Excellent performance packed into a compact housing. Conceal the device easily. Embed it in cargo. Enjoy the superior performance.

## Adaptive Tracking

Accelerometer and GPS data are used intelligently to detect movement and send live updates, or to scale the update rate to once per day if stationary to preserve battery life.

## Rechargeable via USB

The large internal battery pack is rechargeable with a Micro-USB cable and charger. Product life is extended through hundreds of recharges.



## Temperature & Humidity Sensors

High accuracy sensors collect telemetry from the Sting's environment. Monitor every link in the cold chain.

## Tamper Detection

The light sensor is designed to work as a tamper detector for high value cargo applications. If a parcel or container is opened, the Sting will detect the light change and report the tamper via an email/SMS alert.

## Recovery Mode

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



## MECHANICAL FEATURES

Dimensions	97mm x 52mm x 18mm 3,8" x 2,1" x 0,7"
Weight	110g / 3,9oz Incl. Battery Pack
Operating temp range	-20°C to +60°C -4°F to +140°F

## BATTERY

Li-Po Pack	2500mAh 3.7V, temperature controlled charging
Charging	USB Micro 5V input, 540 mA USB Cable Included
Sleep Current	10uA (micro amps) with accelerometer on and other sensors off

## CONNECTIVITY

Network	2G/3G HSDPA
SIM	Single Micro SIM
GSM Antenna	Cellular Antenna tuned by RF Laboratories to ensure optimal performance

## GPS TRACKING

GPS Module	High sensitivity Assisted GPS receiver, 72 channel
GPS / GLONASS	Concurrent GPS/GLONASS
Antenna with Low noise GPS amplifier	Boosted by low-noise amplifier (LNA) allows operation in "urban canyons" and container stacks

## SENSORS

Temperature Sensor	High Accuracy $\pm 0.4^{\circ}\text{C}$ (max) $-10$ to $65^{\circ}\text{C}$ range, on PCB.
Humidity Sensor	Precision Relative Humidity Sensor. $\pm 3\%$ RH (max) accuracy, 0-80% RH range
Light Sensor	0.045 - 188'000 Lux range, on PCB with a light pipe through the housing.

## SMARTS

Recovery Mode	Switch from Daily Locate to Live Tracking Over the Air
Auto APN	Analyse SIM and detect AP from pre-loaded list
Text Message Setup	Setup APN, server etc.
Multi-APN on-board	Multiple APN's for roaming
AssistNOW Offline	Predicts satellites locations, re- duce time-to-first-fix, improves performance in 'urban canyon' or forested environments

## OTHER FEATURES

3D Accelerometer	Enables quick wake up
Event Sensor	Detect G-Force events
Internal Memory	Flash   50,000 records



Other telematics devices in our range:

