



## T23 Series

# Tramigo T23 Track

## Vehicle Security & Tracking

### Easy to install

T23 Track is easy to install to any car or vehicle and can be fully hidden. Just insert the SIM card and connect T23 Track to vehicle power and you are ready to track your vehicle and turn the needed automatic reporting on.

### Monitor and control your vehicles without monthly fees

T23 Track communicates its location to you via SMS or GPRS. Tramigo M1 Move is easy to use and free SMS application for smart phones.

There are no monthly or annual fees, the user pays only the normal operator fees of the data or SMS usage.

### Monitor driving habits and reduce fuel costs

Detect idling engines, speeding, and other fuel consuming driving habits.

### Prevent unauthorized trips and theft

Set allowed zones for your vehicles, get instant notifications if your vehicles start or complete trips and connect T23 Track to external inputs to detect ignition, tampering, door opening and more!

### Utilize practical accessories

Arm your vehicle with T23 internal motion detector, utilize optional door opening sensors and burglar alarm to protect your vehicle.

### Monitor vehicle use and status

Keep up vehicle maintenance schedules with T23 Track's odometer. All reports can be compiled by vehicle into visual vehicle usage statistics with total trips, distance traveled, average speeds and more!

## T23 Track Key Features:



Geofencing to detect unauthorized vehicle use / detours.



Power reporting to detect disconnection or bad vehicle battery



Motion detection to secure parked vehicles & unguarded assets.



External SOS button to send out vehicle location when in need of assistance.



Ignition detection and disabling (optional)



Speed reporting to eliminate fuel consuming driving habits.



Periodic reporting based on time or distance travelled.



Idle alarm to detect running engines.



Inbuilt temperature sensor



GPS antijamming features to remove interference from up to 8 jammers.



Accurate GPS positioning with GPRS & GSM communication.



Landmark data for easy location even when maps are unavailable.

Tramigo is a company of private capital with its headquarters in Finland and subsidiaries in Africa, Asia, Latin America and Europe. Tramigo manufactures the worlds best selling tracking devices that are easy and economical to use in everyday life and business applications. Tramigo products are globally available. For more information about Tramigo tracking products, please visit [www.tramigo.com](http://www.tramigo.com). For distributor, re-seller and partnership opportunities, email [info@tramigo.com](mailto:info@tramigo.com)

## Full Software package to manage your vehicle

Tramigo T23 Track comes with all the software you need to monitor your vehicles from the privacy of your mobile device, all without monthly fees or license payments.

### Tramigo M1 Move for Smartphones:

T23 Track can be set to send critical messages from your vehicles via SMS direct to your mobile phone. Perfect for vehicle security!

### Tramigo M1 Move for Andoid tablets:

Excellent for monitoring small fleets.

### M1 Fleet Classic standalone PC control center:

Monitor small fleets on a PC without the need for server setup. Requires GSM modem.

### M1 Fleet Enterprise multi-client server software:

Perfect for large fleets or as a platform for tracking based service providers with custom access rights for multiple clients. Includes web plugin.



# Tramigo T23 Track Technical Data

## Technical Specifications

### Hardware Specifications

Size: 100 mm x 60 mm x 21 mm  
Weight: 120g (with battery), 90 g (without battery)

### GPS

SiRF 4 based GPS module, Telit JF2  
Internal antenna  
Cold Start: <35 s, Hot start: 1 s  
Signal strength acquisition -147 dBm, tracking -163 dBm

### Ports

USB - micro USB - power and data input/output  
GPIO - Molex 43045-1200  
1 power + 1 optional power  
1 ground + 1 optional ground  
2 digital inputs + 2 optional inputs  
1 digital output + 1 optional output

*Note: Optional features available with Full IO cable.*



### Temperature

Operating -20 to +80 °C  
Charging 0 to +45 °C

### GSM

850/900/1800/1900 Sierra Wireless Wismo 228  
Internal antenna  
Multi slot class 10, Terminal B

### Power

Input Voltage 6 - 32 DC  
3.7 V, 1300 mAh, Li-Polymer backup battery  
Charging through USB or DC supply input  
Typical power consumption 40-90 mA, standby 1 mA



Tramigo is a company of private capital with its headquarters in Finland and subsidiaries in Africa, Asia, Latin America and Europe. Tramigo manufactures the worlds best selling tracking devices that are easy and economical to use in everyday life and business applications. Tramigo products are globally available. For more information about Tramigo tracking products, please visit [www.tramigo.com](http://www.tramigo.com). For distributor, re-seller and partnership opportunities, email [info@tramigo.com](mailto:info@tramigo.com)