



## T23series

# Tramigo T23 Fleet

## Professional Fleet Security & Monitoring

### Easy to implement

T23 Fleet is robust to install to any car, truck or other vehicle and can be fully hidden. Insert the SIM card and connect T23 Fleet to vehicle power and you are ready to control your vehicle.

### Monitor and control your vehicles without monthly fees

T23 Fleet communicates its location to your control center or mobile device via GPRS or SMS. Drivers can additionally use T23's 2-way voice function to call your control center - or send out their location in case of emergency with the SOS button.

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

### Keep tabs on driving habits and reduce fuel use

Detect idling engines, speeding and other inefficient driving habits and profile drivers with complete vehicle use statistics.

### Prevent unauthorized trips and theft

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














### Utilize wide range of professional accessories

Possibility to monitor fuel level with 3rd party analog fuel sensor. Add multiple 1-Wire accessories such as driver identification and temperature sensors.

### Monitor vehicle use and status

Keep your control center up to date on vehicle maintenance schedules with T23's odometer and monitor engine or compartment temperatures with the temperature sensor. All reports can be compiled by vehicle into visual vehicle usage statistics with total trips, distance travelled, average speeds and more!

## T23 Fleet Key Features:

-  Geofencing to detect unauthorized vehicle use / detours.
-  Handsfree audio with your control center at the push of a button.
-  Power reporting to detect disconnection or bad vehicle battery
-  Motion detection to secure parked vehicles & unguarded assets.
-  SOS button to send out vehicle location when in need of assistance.
-  Ignition detection and disabling (optional)
-  Speed reporting to eliminate bad driving habits.
-  GPS antijamming features to remove interference from up to 8 jammers.
-  Periodic reporting based on time or distance travelled.
-  Idle alarm to detect running engines.
-  Multiple 1-Wire sensors such as Driver ID and temperature.
-  Analog sensors for example for fuel and voltage measurements.
-  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 fleet

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

### 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.

### M1 Fleet Classic standalone PC control center:

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

### Tramigo M1 Move for Andoid tablets:

Excellent for monitoring small fleets.

### Tramigo M1 Move for Smartphones:

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



# Tramigo T23 Fleet Technical Data

## Technical Specifications

### Hardware Specifications

Size: 130 mm x 60 mm x 26 mm

Weight: 165 g (with battery), 125 g (without battery)

### GPS

SiRF 4 based GPS module, Telit JF2

Internal antenna, external optional

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

2.5 mm jack - microphone, handsfree kit optional

GPIO - Molex 43045-1200

2 power, 2 ground, 4 digital inputs, 2 digital outputs,

1 analog input and 1-wire interface supporting multiple sensors

GPS - fakra connector

### 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

### Audio

Remote listen function

Speed dialing to 3 pre-programmed numbers



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