



TRAMIGO™

T22 Asset Tracking Device

What Is It?

The Tramigo T22 is a small tracking device unit, about the size of a cigarette packet. Inside, is one of the latest high sensitivity GPS receivers, a GSM modem/SIM card, memory and a battery.



What Does It Do?

- Use your mobile phone to find the position of the Tramigo T22 by SMS text message
- Receive regular SMS position reports for your T22
- Receive an SMS alarm if your T22 moves unexpectedly
- Make and receive voice calls on the Tramigo T22 using a handsfree kit
- Track anything that moves: your car, caravan, boat, motorbike, or even your child's rucksack.



How It Works

The GPS receiver inside the T22 regularly computes its position by referencing to GPS satellites in orbit around the earth. It makes its latest computed position available to the GSM modem. The T22 unit will receive a request for its position, sent by text message to its unique telephone number, from a standard mobile telephone. The T22's modem automatically returns its latest position by sending a text message back to the mobile phone.

You can use a PC with a Tramigo T22 to show the position on a digital map. Send text messages from your PC (using a suitable GSM modem plugged into your PC) and the T22 will return the position to your PC where it can be displayed on the digital map using "TrackMeGo" PC software, available from Tramigo (UK).

You can also plug in a cable to the T22 and connect it directly to the USB port of your PC. The T22 can then be configured to output the GPS position data directly to your PC so you could use it as a source of GPS data for vehicle navigation software or for marine chart plotting.

If you have a SmartPhone or Windows Mobile PDA, specially written software is also available for interfacing with the Tramigo T22 from these systems.

Features

- Simple Installation
- Enhanced GPS
- Battery Backup & Low Power Consumption
- Motion Detector
- Voice Calls
- SOS Button
- Inbuilt & Customisable Location Data
- PC, SmartPhone & PDA Software



Tramigo GSM+GPS Tracking Device FOR PERSONAL ASSETS

HARDWARE SPECIFICATIONS

Size: 95mm x 60 x 20
Weight: 126g
RoHS compliant

POWER

Input Voltage: Min. 6V / Max 24V DC

CURRENT

Typical: 80mA average
Standby: 40mA average
Deep sleep: 0.01mA

TEMPERATURE

Operating -30° to +75°C
Storage -40° to +85°C
Charging 0° to +40°C

GSM MODEM

Frequency: 850/900/1800/1900 MHz
Internal antenna

BATTERY

Type: 3.7v - 1300mAh - Li-Polymer

GPS

Channels: 12
Frequency: L1
Internal antenna

PORTS

USB - mini B - power and NMEA output
MMCX - external GPS antenna (option)
2.5mm jack - hands free speaker and microphone (option)
Molex 51021 - external I/O (option)

MAIN SOFTWARE FEATURES

Find your vehicle and personal assets - Shows the current location, speed, and direction of the vehicle in an easy to read message. Example: Tramigo: Moving 0.12 km S of Torre Mayor, Av. Reforma, Mexico City, MX, N with speed 41 kmh, 09:25 Oct 28.

WITH TRAMIGO LANDMARK DIRECTORY DATA - Contains up to 7,000 landmark points of information-rich point of interest data, cities, towns, and villages tailored for your country or region.



Customizable Landmarks - Users can add their own personalized landmarks such as home, office, and location of friends and family.

Works with any mobile phone - Tramigo reports to you via normal SMS text messaging.

Portable or with easy installation - T22 comes with internal battery or in vehicle can be only connected to your cigar lighter for charging.

Enhanced GPS reception - T22 works even in your glove box in some vehicles or even in your pocket.

Automatic Reporting - Comes with in-built Motion Sensor with Advanced Power Management- Sends you a text when the vehicle is Speeding, Towed, Alarm detected, Trip complete, or the SOS button is pressed.