



# GSatTrack

## FM3200

### GPS/GSM Terminal

FM3200 is a light terminal with GPS and GSM connectivity, which is able to get device coordinates and other data and transfer them via GSM network. This device is perfectly suitable for applications where location acquirement of remote objects is needed. So you can track your remote objects (trucks, cars etc) quickly and easily.

In case of losing connection, the FM3200 can store up to 15,000 records, and once the connection is established the device will send stored data via GPRS. So you won't lose your data (coordinates, sensors data and etc.).

FM3200 can perform tasks on remote objects, such as monitoring engine status, controlling truck's door etc.

Car Security/Tracking

Parametrized Operation

ALARM Button

Online Tracking

Geo-Fence

Motion Sensor

Low Energy Consumption In Sleep Mode

Internal Backup Battery



### Applications

- Security
- Track and Trace
- Road Assistance
- Toll Collect
- Insurance



## Specifications

### GSM Specifications

Dual-band 900/1800 MHz  
GPRS class 10 (up to 85,6 kbps)  
SMS (text/data)

### GPS Specifications

NMEA, GGA, GGL, GSA, GSV, RMC, WGS-84 protocol  
compatible  
50 channel GPS receiver  
-160 dBm sensitivity

### Interface

2 digital inputs(for door opening monitoring, panic button or other digital sensors)  
2 pins for power supply can measure vehicle battery voltage (analog) and (in most cases) engine start (generated higher voltage on vehicle's battery)  
Virtual (Data) Inputs: Driven distance (GPS odometer) & Vehicle speed monitoring  
2 Digital Outputs  
Power supply +10V...+30V  
3 Status LEDs  
USB Port  
Configuration and firmware upload  
Internal GSM antenna  
External GPS antenna

### Features

GPS and I/O data acquisition  
Real Time tracking  
Smart algorithm of data acquisition (time, distance and event based)  
Sending acquired data via GPRS (TCP/IP and UDP/IP protocols)  
Smart algorithm of GPRS connections (GPRS traffic saving)  
Operating in roaming networks (preferred GSM providers list)  
Events on I/O detection and sending via GPRS or SMS  
Scheduled 24 coordinates SMS sending  
5 geofence zones (rectangular or circle)  
Sleep mode (saving vehicle's accumulators)  
Internal NiMh 300 mAh backup rechargeable battery  
OTA (firmware updating via GPRS)  
Motion sensor  
Small and easy to mount case