GTrack Personal

Part of GlobeFleet Asset Tracking and Fleet Management System, GTrack Personal is developed to track people on the web based GlobeFleet system incorporating two models of compact devices with smaller size 1100 mAh internal battery and standard size 1700 mAh internal battery with GSM/GPRS modem and high precision GPS receiver with hands free voice call, SMS/e-mail sent to predefined number/ address and a panic button allowing mobile users to alert help discreetly in case of a danger along with the location information. The user is informed through vibration to confirm that the panic message is sent to the server. Internal embedded G sensor is utilized for the motion detection and quick GPS reception as well as wake up on movement for better battery management.

System:
• It is a totally web based solution, you can access from any computer connected to internet.
• There is no other software involved to track personel online and reach historical data.
• You can pinpoint where the unit is by simply click on the soft button.
• Latest technology high precision GPS receiver which ensures high accuracy about location.
• You can program 10 geofences into the device and set virtual fences on the software to monitor entrance and exit of a person, volitions may be defined upon the entrance or exit to be informed by SMS messages and/or e-mails as well.

Start Using Now!
You can access the system through the internet by entering the allocated user name and password. You won't need to install special software. You will be able to reach all detailed information and reports for the person whenever and wherever you want.

DT306 Tracking Unit Technical Specifications

- **OTA (Over-The-Air) programming:**
  All parameters are fully configurable from remote.
- **OTA (Over-The-Air) firmware upgrade:**
  Full remote firmware upgrade for efficient and faster customer support and enhancement of service offering.
- **Geo-fence memory:**
  10 Geo-fences can be programmed.
- **Off line memory:**
  5.000 offline message can be stored when out of GSM coverage and transmitted when the connection is re-established.
- **Server Authentication:**
  The unit can be programmed to support communication only to / from authorized servers with DNS support.
- **Spare Server Support:**
  The unit can be programmed to spare server if the communication is not establish the main server.
  Communication

Bands	Quad Band 850, 900, 1800, 1900 MHz
GSM Modes	GPRS Class 12
Antenna	Internal quad band GSM antenna
Packet Data	TCP/IP, FTP , SMS, UDP, HTTP, PPP, MMS
SIM	Internal, replaceable micro SIM card.
Location	Cell ID based location support

GPS

Technology	MTK chipset
Sensitivity	
Cold start	- 148 dBm
Tracking	- 163 dBm
Re-acquisition	- 160 dBm
Acquisition	
Cold Start	< 35 sec.
Warm Start	< 30 sec.
Hot Start	< 1 sec.
Receiving Channels	66
Location Accuracy	
Autonomous	< 2,5 m.
Antenna	Internal (active)

Voice Interface 1 internal microphone and 1 internal speaker

Microprocessor:
ARM Cortex M3 processor 32 MHz / 33.3 Dmips

Power

- Battery operated, chargeable from the mains adapter or optional USB cable.

Internal Battery Options

- Li Polymer/Li-Ion, 3.7V, 1100mAh rechargeable
  Operating Temperature: 0° to +60° (charge)
- Li Polymer/Li-Ion, 3.7V, 1700mAh rechargeable
  Operating Temperature: 0° to +60° (charge)

Dimensions & Weight

- 41x64x21mm and 66 gr @ 1100 mAh slimmer battery
- 41x64x26 mm and 79 gr @ 1700 mAh standard battery

Environment

- Operating temperature -10˚C to +45˚C (Without Sim Card)

Certifications

- ISO 9001:2008, ISO 14001:2004, ISO 27001:2005
- CE (R&TTE, EMC, Safety)

O-13W51

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