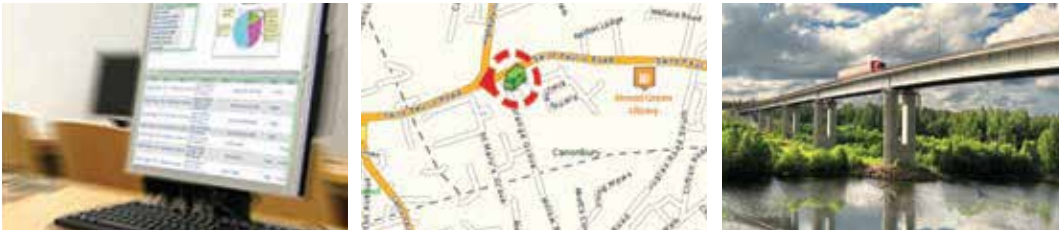




GTrack Waterproof



Part of GlobeFleet Vehicle Tracking and Fleet Management System, GTrack Waterproof has an advanced and powerful vehicle tracking unit which provides customers the extensive use of GlobeFleet Management System with internal battery backup, built-in G-sensor and with IP65 dust and waterproof enclosure. GTrack Waterproof offers information such as the speed, location, engine idling, work start/stop times, virtual zone entrance/exit times within the fleet and produces present and historical reports. It supports few optional enhancements such as remote immobilization, door, fuel cap and special fuel level sensors.

The Vehicle Tracking unit DT300 has internal integrated GPS and GSM antenna with superior receiving sensitivity with fast Time to First Fix (TTFF) figure and quad-band GSM modem frequencies 850/900/1800/1900 MHz. The Waterproof Tracking device DT300 has multiple I/O interfaces and a serial port which can be used for monitoring or controlling external devices and it communicates with a backend central server through the GPRS/GSM network to transfer data for emergency, geo-fence boundary crossing, low battery or scheduled GPS position along with many other useful functions.

GTrack Waterproof is suitable for wide range applications from trailer tracking to motorcycle tracking with its outdoor installation capability.

System Features

- It is a totally web based solution, you can access from any computer connected to internet.
- There is no other software involved to track vehicles online and reach historical data.
- It is one of the fastest tracking systems on the market with 10 seconds updating period tracking capability for critical missions.
- You can always pinpoint where your fleet vehicles are and where they have been by simply click on the soft button.
- You can get detailed real time and historical information such as speed, location, direction, engine idling, even towing.
- Animation of the route versus time on the map.
- Graphical display of the vehicle's speed throughout the day.
- Latest technology GPS receiver which ensures high accuracy about vehicles' location.
- Warnings sent for over speed violations allowing short time accelerations to avoid unnecessary violation events while overtaking other vehicles by the use of smart measurement method.
- You can set virtual fences where an alert is generated upon the entrance or exit of a vehicle. Set speed and excessive idling thresholds and several others. When violated you can get SMS messages and e-mail alerts.
- You can run over 90 operating reports such as:
 - Executive reports,
 - Detailed vehicle activity reports,
 - Sensor reports,
 - Violation reports like out or out of zone, over speed limit and working hours, excessive idling,
 - Reports can be viewed on web and also be exported via e-mail on Excel format or pdf.
- Emergency call button, door/fuel tank cap controlling, remote immobilization options are provided.

Start to Use it 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 about your fleet whenever and wherever you want.

DT300 Technical Specifications

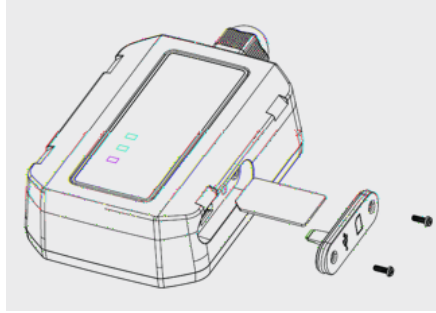
Wide Operating Voltage; 8 to 32V DC
-147 dBm autonomous sensitivity for fast TTFF and high accuracy
Quad Band GSM/GPRS frequencies 850/900/1800/1900MHz
Embedded full-featured @L protocol
Low Power Consumption, long standby time with internal battery
Multiple I/O interfaces for monitoring and control
Three working power mode
Build in GSM and GPS Antenna
RoHS Compliant

GSM

Quad Band 850-900-1800-1900 MHz
Class 12
Internal Antenna
TCP/IP, FTP, SMS, UDP
Support Cell Locator

I/O

1 Digital Input, Negative Trigger
1 Ignition Input, Positive Trigger
1 Analog Input, 0-32V
1 Siren Output, Active High@750 mA Max.
1 Relay Output, Drive current max 20A@DC12V



Software

Remote Software Upgrade
5000 offline records
100 GeoFence point

General Specification

Dimension : 86mm*62mm*26mm
Weight : 148g
Battery : Li-Polymer/Li Ion 1300 mAh, Operating Temperature: 0° to +60° (charge)
Op. Voltage : 8 to 32V DC
Op. Temperature : -30°C ~+80°C (Without Battery and SIM card)

GPS

Sensitivity;	Position Accuracy;	TTFF(Open Sky);
Cold Start(Autonomous) :-148dBm	Autonomous<2.5m	Cold Start<30s
Hot Start :- 160dBm	SBAS<2.0m	Warm Start<30s
Tracking :-162dBm		Hot Start<1.2s

Advantages

Mini usb port for upgrading and debugging
Special alarm based on the digital/analog inputs
Report Position follow the pre-set fix Interval and report interval
Low power consumption when ignition is off
Control the digital outputs through air Interface protocol

Interface

COM (RS232) port 9600 bps baud rate, true RS232 levels for special fuel level sensor

Certification

CE (R&TTE, EMC, Safety)
IP65 Ingress Protection

Supported Sectoral Solutions (some of the features may necessitate employment of optional enhancements)



GManager Alarm



GManager Concrete



GManager Speed



GManager Vehicle Pool



GManager Trip



GManager Route



GManager Service Buses



GManager Task



GManager Tour Counting



GManager Armoured Vehicle



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