

Multitrack VEHICLE TRACKING SYSTEM

Rosmerta Engineering Pvt. Ltd. is engaged in the business of Intelligent Transport Management System Solutions and has been implementing various projects in the public & private sector domain with its efficient and trendy technology solutions for better Road Safety enhancements, in the discipline of advanced GPS/ GPRS based tracking solutions "Multitrack", Fleet Management System, Anti Theft Devices, MIS Support, and School Automation Solution, offering "Constant Vigilance".

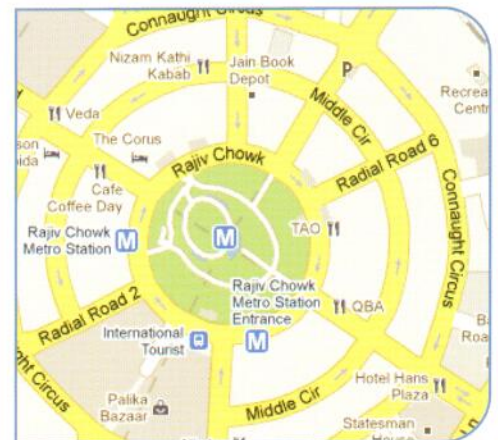
ROSMERTA ENGINEERING PRIVATE LIMITED

ALWAYS CONNECTED.....



Multitrack VEHICLE TRACKING SYSTEM

Multitrack is compatible with our Web Based Application which has our own GIS Map Service that gives the benefit of map customization as per your requirement.



ROSMERTA ENGINEERING PVT. LTD.



SMS 'MSG' TO 53030

Certified VTS

■ Product Description

Multitrack is a highly enhanced and ultimate tool for Tracking, Real Time Monitoring and MIS Reporting for an efficient Fleet Management. This advanced and sturdy hardware unit with its small size can be installed in various kinds of fleets/ containers effortlessly and effectively.

The combination of GPS & GPRS/GSM Technology in the VTS (Vehicle Tracking System) and Online Fleet Application provides User-friendly Web Interface that includes many built-in fleet applications for Real Time Tracking of the vehicles in terms of Latitude, Longitude, and Altitude along with the other parameters like speed, location with date and time stamp. It also has a compatible access to the GIS Map Services that gives us the benefit of customization of the vector map as per the requirement of the customer.



■ Features/ Interface:

- Protocol : TCP, HTTP & UDP
- Internal Memory: Capacity to store more than 15000 positional logs
- Built in Battery: Backup with more than 6 Hours
- Polling Rate: Programmable, 1 min (default)
- LED indication for GSM, GPS and Power
- 4 Digital Inputs, 2 Digital Outputs, 2 Analog Inputs
- Fuel Measurement : Optional
- Tamper Proof
- 1 RS 232C Serial Port
- Internal/ External GSM/ GPS Antenna
- SMS/ GPRS Communication
- Over the Air Configurable
- Voice : Optional
- Humidity: 95% RH
- Operating Temp: - 10 °C to + 85 °C
- Power: 9 - 36VDC

■ Services offered:

- Fleet Management System
- Vehicle Monitoring System
- School Automation System.
- Bus Depot Management System including Electronic Ticketing through ETM, Automatic Fare Collection, Web Based Passenger Information & Reservation System and Bus depot management
- RFID based solutions
- GPS Based Auto Fare Meter

And many more to come...

■ Specifications :

Physical Dimensions

| | |
|--------|---------------------------|
| Size | 120(L) X 30(H) X 80(W) mm |
| Weight | 220 gms |

GPS Receiver

| | |
|-------------------------|---------------------------|
| No. of Tracking Channel | 50 |
| SBAS Support | WAAS, EGNOS, MSAS & GAGAN |
| Accuracy | |
| Position | 2.5m CEP |
| Acquisition | |
| Cold Start | 27 sec |
| Hot Start | 1 sec |
| Sensitivity | |
| Tracking | -161 dBm |
| Reacquisition | -160 dBm |
| Cold Starts | -147 dBm |
| Hot Starts | -156 dBm |

Max. Range

| | |
|----------|----------|
| Velocity | 500 m/s |
| Altitude | 50,000 m |

GSM Receiver

| | |
|---------------|---|
| Quad Band | GSM 850/ 900/ 1800/ 1900 MHZ Class 4 (2W) for EGSM 850/ 900 Class 1 (1W) for GSM 1800/ 1900 |
| GPRS | Class 10 CS1.....CS4 supported |
| SMS Mode | Text Mode |
| SIM Card | Supports 1.8 and 3V |
| Data Transfer | GPRS data downlink: max 85.6 kb/s GPRS data uplink transfer max 82.8 kb/s |

Specifications are subject to change without Notice

Toll Free No. 1800-120-3030

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Multitrack ensures vehicle's all time surveillance resulting in effective supervision that increases fleet's efficiency, decreased overtime, augment timely delivery of the material which in turn reduces the overall operational costs, improves customer relation, increases driver compliance, better data management and many more. This small, rugged, tamper proof device can be installed very easily and discreetly within the vehicle dashboard, or somewhere interior like driver/ passenger seat, etc. without user's intervention.