

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".

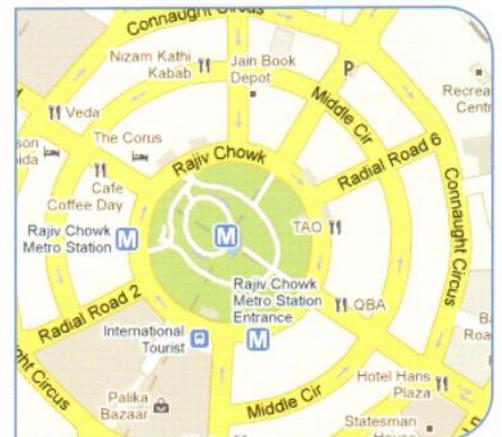
ROSMERTA ENGINEERING PRIVATE LIMITED

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.



SMS 'MSG' TO 53030

ROSMERTA ENGINEERING PVT. LTD.



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.



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