L E M A
NETWORK
Innovation through Collaboration

Eagle Eye Tracking Solution

Automotive Tracker - FM 4200

FM4200 is a terminal with GPS and GSM connectivity, which is able to get device coordinates 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, ships, etc.) quickly and easily. It has option of rechargeable battery inside and special controller for power management. Also there is an option of using external backup battery. Thus it can operate for up to 48 hours in Normal (Sending via GPRS) mode with external backup battery.

FM4200 can perform tasks on remote objects, such as monitoring temperature, engine status, fuel consumption, controlling truck's door, etc. In case of losing connection FM4200 can store up to 7500 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, etc.).

Features
- GPRS class 10 (up to 85,6 kbps)
- SMS (text/data)
- LOW energy consumption in deep sleep mode (less then 6 mA@12V)
- tasks on remote objects, such as monitoring fuel tank level, engine status, or controlling truck door e
- 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 connection (GPRS traffic saving)
- Operating in Roaming networks
- Events on I/O detection (engine ignition on/off, speed, and such more) and sending via GPRS or SMS
- Scheduled 24 coordinates SMS sending
- 5 Geo-fence zones (Rectangle and Circle)
- Motion Sensors (detect real-time speed, status and more)
- Acquire data in offline mode (7500 records)
- Remote device and Firmware updating via GPRS
- Integrate with additional door sensor

Quick Specification
- Truck, Car security / tracking
- Parameterized Operation (Acquire and Send)
- Panic (alarm) Button
- Online and SMS tracking
- Geo-fence
- Motion Sensor
- Low Energy Consumption in sleep mode

LEMA Network

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Application
- Security
- Track and trace
- Road assistance
- Toll Collect
- Insurance

Monitor
- See when ignition is ON or OFF
- Identify drivers with I-Button
- Monitor fuel consumption
- See when battery voltage is falling
- Monitor temperature level in refrigerator
- See when doors are open or closed