

## Hardware Specifications:

### GSM/ GPS

- GSM SIM800 Quad Band (850/900/1800/1900Mhz)
- GPRS Class 10 (up to 85.6 kbps)
- SMS (Text/ Data)
- GPS SIM28
- GPS Accuracy 2.5 meters
- GPS Channels 50+
- GPS Sensitivity -160dBm
- Alternate IPs for GPRS
- DNS (No hassle of IP change)
- NMEA, GGA, GGL, GSA, GSV, RMC protocol compatible

### Interfaces

#### Wireless

- Bluetooth Interface (*planned*)

#### Digital Inputs

- Input 1. Ignition ON / OFF
- Input 2. Door Open / Door Close Status
- Input 3. Auto Arm Connected with central locking
- Input 4. SOS / Panic Button
- Input 5.

#### Digital Outputs

- Output 1. Output to Turn ON buzzer in case of Jamming device detected
- Output 2. Output to unlock the door
- Output 3. Output to lock the door
- Output 4. Output to Immobilize Engine

\* Drive any output up to 1 ampere.

#### Analog Input

Input 1. Analog input can be used for Fuel, Temperature probe and Weight measurement. (0-10VDC)

### Security

- GSM Jammer Detection & Counter Measures
- ARM with Central Locking
- Auto ARM
- Battery Security
- Door Lock/ Unlock (SMS/ GPRS)
- Engine Immobilizer
- Time ARM

### Firmware Upgrade

- OTA (On The Air)
- USB

### Hardware Add-ons:

- Two way voice interface

### General Specifications:

- Dimension: 9cm x 5.6cm x 1.6cm
- Supply Voltage: 9V-60V
- Power Consumption Alive: 30mA
- Operating Temperature: -10°C to +65°C
- Memory: 10MB Flash Memory
- Reverse Polarity Protection
- Weight: 60gm
- Battery Power: 3.7V DC, 500mA Li-Ion Battery
- Power Consumption Sleep: 10mA
- Storage Temperature: -20°C to + 70°C
- Dual Power Regulator
- Half Ignition detection

