

# FMVRPT 2

## Personal Tracker

- GPS/GPRS/SMS Communication
- Internal antennas & memory
- Easily programmable remotely



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## Personal Tracker

### PRODUCT DESCRIPTION

GSM/GPRS/GPS Personal Tracker for Live Tracking and SOS

### NARRATIVE

- VR PT2 is a real time tracking device with faster acquisition times by Quick GPS.
- It's small, reliable, durable, waterproof and stylish in design with GPS / GSM / GPRS wireless network.
- The user can easily configure via USB, SMS or GPRS, and then displays the location by specific map software.
- Plus voice monitor and Geofence functions, this is perfect for children, the aged, couriers and security personnel.

### BENEFITS

- Monitor location live.
- No 3rd Party monitoring required.
- Works on the Fleetminder WEB based tracking system.
- Quick GPS feature that reduces the time to locate your position.
- SOS Panic button for emergency rescue and action.
- Improves safety.
- Safeguard children, the aged, couriers and security personnel.
- Report by SMS or WEB.

### APPLICATIONS

- Safeguarding children and teenagers.
- Safety monitoring security personnel.
- Safety and monitoring aged persons.
- Live tracking couriers and delivery drivers.
- Short term asset tracking and risk management.
- Monitor young drivers speed and location.





## FEATURES

**SMS:** Reporting of vehicle location, speed and direction sent direct to users mobile phone via sms, or your pc via GPRS.

**Combination of GPS and GSM/GPRS wireless network**  
Quad-band GSM (850/900/1800/1900MHz) and GPRS class10.

**Internal Memory:**  
Built in buffer storage and data logger capability to record up to 10,000/150,000 positions data.

**Secure Log-in Page:** Secure and reliable. VR tracking system allows you to use any WEB browser to monitor your vehicles. Each user is supplied with their own unique username & password. The VR tracking system allows you to monitor more than one vehicle at one time.

**Easy Online Track Features:**  
Automatically resizes to display all vehicles. Replay a days activity for single/multiple vehicles. Draw Geofences directly onto the map. Multiple reports (Activity, Idle, Overspeed, Mileage, etc.)

**GPRS:** Live tracking of vehicle with VR tracking software.

**Reports:** There are several types of reports including: Vehicle Activity Report, Vehicle Site Report, Vehicle Mileage Report, Vehicle Stop Report, Vehicle Trip Report, Vehicle Over-Speed Report and Vehicle Idle Report.

**Configuration:** Easily configured via USB,SMS or GPRS for your specific requirements SOS Panic button for emergency rescue and action.

**Map Views:** Hi-res aerial and satellite imagery. Easy to read dynamic maps. Simple drag, pan & zoom controls. Intuitive user experience. Unrivalled map detail. Two way GPRS messaging for main functions. 2D, 3D and Birds Eye View, Virtual Earth and Google Maps. Reverse Geocoding showing address.

- Internal batteries up to 4 days.
- Internal antenna.
- Motion Sensor built-in.
- Geofence function.
- Listen in function.

## HARDWARE SPECIFICATIONS

### Electrical:

- Battery : Rechargeable 920mAh Li-ion battery (3.7V)
- Battery Life:
- Standby(GSM ON, GPS OFF): 150 hrs
- Sleep(GSM OFF, GPS OFF): 290 hrs
- Full function(GSM ON, GPS ON): 12 hrs
- Period report every 30 minutes(GSM ON, GPS ON at
- Preset time interval): 40 hrs
- Charging: DC 5V

### GSM:

- Frequency Range(MHz): support 4-frequency 850/900/1800/1900
- Channel spacing(Hz): 200
- GPRS connectivity: `GPRS multi-slot class 10
- GPRS mobile station class B
- SIM card interface: 3.4~4.5V
- SMS storage Capacity: 40 in ME
- Internal memory: 3000 log internal memory

### Accuracy:

- Position Accuracy: 10 m, 2D RMS. 3 m with DGPS
- Velocity Accuracy: 0.1 m/s
- Time Accuracy: 1 ms RMS
- Default Datum: WGS84
- Reacquisition: 0.1 sec
- Start Time: Hot Start: 1 sec, Warm Start: 33 sec, Cold Start: 36 sec

**Certificate:** CE, FCC, ROHS

### Packaging Contents:

- 1 x USB cable
- 1 x FMVRPT2
- 1 x AC charger
- 1 x CD
- 1 x Carry bag

### GPS:

- GPS chipset: MTK MT 3318
- GPS antenna: Patch antenna
- Frequency: L1, 1575.42 MHz
- C/A code: 1.023 MHz chip rate
- Channels: 32 channel all-in-view tracking

### LED indicator:

4 LED for GSM,GPS,Status,SOS

### Key:

3 keys for Power key, SOS key, Reset key

### USB Port:

Mini USB port for connecting to PC and charging

### Waterproof:

IPX4

### Limit:

- Altitude Limit: 18,000 m (60,000 feet) max
- Velocity Limit: 515 m/sec (1000 kmots) max
- Acceleration Limit: 4G
- Jerk Limit: 20m/ sec3

**Operating Temperature :** -20°C to +55°C



#### AUSTRALIA

4/50 Jersey Street,  
Jolimont, WA 6014.  
Australia  
Tel: +61 (08) 93837833  
Fax: +61 (08) 93837933  
Mobile: +61 (0) 432510332  
Skype: mohit.khanna.neltronics  
Web: www.fleetminder.com.au  
www.neltronics.com.au

#### AMERICA

16192 Coastal Highway,  
Lewes DE 19958,  
United States of America  
Tel: +1 (631) 6892728  
Fax: +1 (631) 6751800

#### HONGKONG

Unit 16, 11/F Block A ,  
Hoi Luen Industrial Centre,  
55 Hoi Yuen Road,  
Kwun Tong, Kowloon,  
HONG KONG  
Tel: 852 2172 4060  
Fax: 852 8148 0111 / 2172 4070

#### INDIA

40H, Jacaranda Marg,  
DLF Phase II,  
Gurgaon, Haryana-122002,  
India.  
Tel: +911244080472  
Fax: +911244059362  
Mobile: +919810046301 /  
+919818776331

[www.virtualrealityinfosystems.com](http://www.virtualrealityinfosystems.com)

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