# NMS825 PERSONAL TRACKER

NMS825 is a 4G (Cat-M1) mini GPS tracker for. This device has special algorithms which allows for a long charge and less frequent recharge. With real-time tracking, a pet or child that goes missing can be tracked quickly and efficiently. For day-to-day wear, the device can be turned off/ idle for longer battery life. Alerts/reports of location are via HTTP, TCP, UDP or SMS. When connected with GPS+WIFI+LBS location accuracy will improve.

The Nova Mobile Systems Personal Trackers are built to be sturdy and waterproof, lessening the risk of having them damaged by the more rowdy pets or children. But most importantly, it provides real-time coverage of your pets or childrens whereabouts.

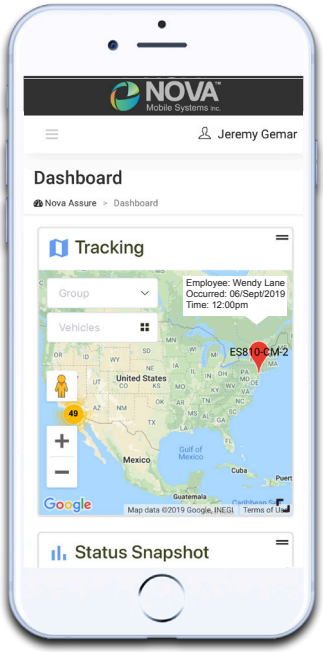
With the touch of a button, parents or pet owners can access where their family members are before it is too late. GPS trackers like ours are technologically advanced, with every bit of information accessible through your mobile phone or computer.

## KEY HARDWARE FEATURES:

- **Tracking:** Via GPS (Location, speed) information to your application server in report intervals.
- **Mixed-mode:** SMS mode, intelligent Mode (check speed/time/distance), sleep mode (battery).
- **WIFI compatible**
- **Storing Message:** The device stores up to 300 messages/Alerts. When out of range, will resend the stored messages once the device regains coverage.
- **Super Power Saving Mode**
- **Battery Low Warning**
- **OTA (Over the Air):** The device's can be remotely upgraded.
- **Waterproof Case:** IP65 waterproof
- **Multi-Platform:** device application and web platform
- **S.O.S. Emergency Panic Button**

## KEY BENEFITS:

- Low Cost / Easy to Use
- 24/7 Alerts
- Improved Customer Service
- Tracking from anywhere
- Geofencing Capabilities
- No Adverse Reactions
- Battery Low Warning
- OTA (Over The Air)
- Rugged Casing for outdoors



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|---|---|
| LTE | Cat.M1 & NB1: Output Power: -44dBm to 23dBm±2.7dBm<br>LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20 /B26/B28 LTE-TDD: B39 (for Cat.M1 only) |
| GSM | GSM850/GSM900/DCS1800/PCS1900<br>Output Power: GSM850/900: 5dBm±5dBm to 33dBm±2dBm<br>DCS1800/PCS1900: 0dBm±5dBm to 30dBm±2dBm |
| Device Control and Reporting | HTTP/TCP/UDP/SMS |
| GPS Sensitivity | -162dBm Tracking Sensitivity Accuracy(Open Sky): <2m (CEP50) |
| Power Consumption | -Active mode:< *mA @3.8VDC<br>-Sleep mode:< *mA @3.8VDC<br>-Deep Sleep Mode:< *uA @3.8VDC |
| Operational Temperature Range | -20C to 65C |
| Motion Detection | Built in 3-Axis Accelerometer |
| Battery capacity | 500mAh |
| Supply Voltage | 3.3V~4.5V |
| Storage temperature(Without battery) | -40C to 85C |
| Housing Dimension | 60mm*33mm*16mm |
| Weight | 1.3oz (36.86g) |
| Certificates | PTCRB,FCC,RoHS |