



# NMS810-C4 WIFI ENABLED ASSET TRACKER



The next generation of GPS tracking devices from Nova Mobile Systems are built to support your operations now and as they grow. Connect to the NovaAssure platform to reduce fleet costs, increase product efficiency, improve safety and overall compliance.



# NMS810-C4 WiFi - The Future of Asset Tracking



Automate, integrate and innovate. The NMS810-C4 is designed from the ground up and built to support your operations now and into the future. The Wi-Fi enabled 4G LTE tracking device provides low cost secure connectivity of multiple devices as well as location monitoring, status of vehicles, heavy machinery and mobile assets.

## WiFi Hotspot Capabilities

- 10 Simultaneous Users
- Custom DNS Cloud Management
- White List Websites
- Over the Air Data Management
- Safe, Secure Connections

## Real-Time Vehicle Data

Accurate real-time GPS location data, vehicle mileage and driver behavior monitoring.

## LTE Connectivity

Communication on the Cat-4 network delivers speed where you need it and longevity for peace of mind.

## Compact, Durable Design

Light weight, easy to install. Additionally, unauthorized use feature sends out warning alerts to fleet managers.

## Programmable Alerts

Get instant alerts for customizable geofencing, over speed limit, device movement and more.

# NMS810-C4 WiFi Product - Highlights

The NMS810-C4 WiFi Asset Tracker provides reliable and secure 4G LTE Cat 4 Wifi connectivity. With Nova's cloud-based, Wifi enabled web filtering system administrators have full visibility of online activity and can automatically download or email reports with the most advanced cloud based user safety.

- Special purpose student 4G LTE WiFi hotspot
- Password protected / safe and secure
- One point of access limited to provider branded web portal
- Customized login page with provider name / logo / colors and messaging for user notifications
- Log In Reports; User / Date / Time / Duration of session / Data usage for each session / Total data used per device for time period
- Ensures 24/7 safety. Server Side Web filters can't be removed and provide seamless filtering as devices move between networks

## NovaAssure WiFi Device Management

### Updates Made Easy

OTA (over-the-air) updates include device & GPS. The latest firmware and configurations are applied at time of installation for enhanced privacy, security, and reliability.

### Alert & Reports

Real-time vehicle status alerts. Reports trip start / end, overall trip mileage with location / speed / date & time.

### 3-Axis Accelerometer

With a built-in 3-axis accelerometer, the device can detect trip start / end, report harsh braking, harsh acceleration and impact.

### Deep Sleep Power Saving Mode

Ultra low consumption when vehicle engine is off or device is at rest - Can be controlled VIA SMS.



## NMS810-C4 WiFi

|                                      |  |
|--------------------------------------|--|
| LTE                                  | Cat-4 <b>EC25-A:</b> B2/B4/B12 <b>EG25-G:</b> LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/ B19/B20/B25/B26/B28<br>LTE-TDD: B38/B39/B40/B41 Output Power: 23dBm±2.7dBm |
| GSM                                  | GSM850/GSM900/DCS1800/PCS1900 Output Power: GSM850/900: 33dBm±2dBm DCS1800/PCS1900: 30dBm±2  |
| Device Control and Reporting         | HTTP/TCP/UDP/SMS   |
| GPS Sensitivity                      | -162dBm Tracking Sensitivity Accuracy(Open Sky): < 2.5m (CEP50)  |
| Comprehensive IO's                   | 4 Inputs / 4 Outputs / 2 A/D Inputs and 3 UARTS  |
| Operational Temperature Range        | 802.11 a/b/g/n/ac<br>Maximum Speed 150Mbps<br>AP (Max Access Point): 10<br>Encryption Modes: WEP, TKIP, AES, WPA-PSK, WPA2-PSK                                     |
| Operational Temperature Range        | -20C to +65C   |
| Motion Detection                     | Built in 3-Axis Accelerometer  |
| Power Consumption                    | - Active mode: <32 mA @12VDC<br>- Sleep mode: <22 mA @12VDC  |
| Battery capacity                     | 300 mAh  |
| Supply Voltage                       | 6-42 VDC   |
| Storage temperature(Without battery) | -40C to 85C  |
| Housing Dimension / Weight           | 90mm *55mm *18mm / 65g (2.29oz)  |
| Certificates                         | PTCRB,FCC,RoHS   |