OVERVIEW

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. 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.

WiFi HOTSPOT CAPABILITIES

- 10 Simultaneous Users
- Custom DNS Cloud Management
- White List Websites
- Safe, Secure Connections
- Password Protection
- Customized Login Page

FEATURES

- GPS Location Tracking
- Backup Battery (optional): 300mAh with low battery warning and disconnect alert system.
- Programmable Alerts: Customizable geofencing, over speed limit, high / low temperature ranges, device movement and more.
- 3-Axis Accelerometer: Detect trip start / end, report harsh braking, acceleration and impact upon collision.
- Message Store and Forward: Up to 300 messages / alerts
- Deep Sleep Power Saving Mode: Ultra low consumption when vehicle engine is off or device is at rest. Can be controlled via SMS.
- WiFi Enabled
- OTA (Over the Air): Firmware can be upgraded via TCP.
- Compact, Durable Design

BENEFITS

- Multi-Carrier Device
- Unauthorized Use Tracking
- Mileage and Driver Behavior Monitoring

- Simple / Discrete Installation
- Low Cost / Easy To Use
- WiFi Connectivity is Safe and Secure

SPECIFICATIONS

LTE	Cat-4 EC25-A: B2/B4/B12 EG25-G: LTE-FDD:B1/ B2/B3/B4/B5/B7/B8/B12/B13/B18/ B19/B20/B25/B26/B28 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 Maximum Speed 150Mbps AP (Max Access Point): 10 Encryption Modes: WEP, TKIP, AES, WPA-PSK, WPA2-PSK
Power Consumption	- Active Mode: <32 mA @12VDC - Sleep Mode: <22 mA @12VDC
Operational Temperature Range	-20C to +65C
Motion Detection	Built-In 3-Axis Accelerometer
Battery Capacity	300 mAh
Supply Voltage	6-42 VDC
Storage Temperature (Without Battery)	-40C to 85C
Housing Dimension	90mm *55mm *18mm / 65g (2.29oz)
Certificates	PTCRB,FCC,RoHS