

# APM3N-W

— Vehicle Tracking Device —



## Feature

- GPS antenna tampered or jamming detection.
- 1 wire interface support (optional).
- Audio function support (optional).
- Low power consumption in deep sleep mode.
- Dual-Band WCDMA/HSPA 900/2100MHz
- Dual-Band GSM/GPRS/EDGE 900/1800MHz
- Ignition and engine on/off detection.
- Varieties I/O for control and monitoring.
- 3-Axis accelerometer for motion detection.
- Serial port integrations
- Geo Fence (Circle, Polygon)
- Driver behavior
- SMS command

Driver identification

Tow

Speeding alert  
Speed limiter

SOS button

Fuel sensor

Barcode scanner

Door sensor

CANBus solution

Garmin Fleet  
Management

Temperature  
measurement



Two way communication



LED USB



16 Pin Interface  
GPS



### General Specification

|                         |  |
|-------------------------|--|
| ● Dimension             | 88.5x56.5x22.5mm   |
| ● Battery               | Optional   |
| ● Operation Voltage     | 8V~32V   |
| ● Operation Temperature | -30°~80° for working(without battery)<br>-40°~85° for storage(without battery) |

### Optional Function

- 1 wire iButton ID key and Temperature sensor
- Two way communication  
Differential Audio.

### GSM Specification

|              |                                    |
|--------------|------------------------------------|
| ● HSPA       | Max.7.2Mbps(DL), Max.5.76Mbps(UL)  |
| ● WCDMA      | Max.384Kbps(DL), Max.384Kbps(UL)   |
| ● EDGE Class | Max.236.8Kbps(DL)                  |
| ● GPRS       | Max.85.6Kbps(DL), Max.85.6Kbps(UL) |

### Interface

|                  |   |
|------------------|---|
| ● Digital Input  | Two Positive Inputs (Including ACC). Two Negative Inputs. |
| ● Serial Port    | Two RS232 serial port/One RS485 (Optional)                |
| ● Analog Input   | One analog input 0~30V.                                   |
| ● Digital output | Three Digital output, 150mA max current drain.            |
| ● Indicator LED  | GSM,GPS   |
| ● Mini USB port  | For upgrading and debugging.                              |

### GPS Specification

|                     |   |
|---------------------|---|
| ● Sensitivity       | Cold start:-142.5~-148dBm<br>Tracking:-161~-165dBm            |
| ● Position Accuracy | Autonomous:3m(2D RMS)<br>SBAS:2.5m                            |
| ● TTFF              | Cold start:35s average(Open Sky)<br>Hot start:<1.2s(Open Sky) |