

4G

Plug & Use GPS Tracker UCAN **LTE**

- ✓ Plug & USE
- ✓ 4G LTE (Cat.1/ Cat.M) Network
- ✓ DTC OBDII Error Codes (UCAN LTE Only)
- ✓ Assisted-GPS (Ephemeris)
- ✓ Harsh Driving Behavior Detection

4G (Cat. M1/Cat.1)



Advantages

- › Plug & USE
- › 4G LTE (Cat.1/ Cat.M) Network
- › DTC OBDII Error Codes (UCAN LTE Only)
- › Assisted-GPS (Ephemeris)
- › Harsh Driving Behavior Detection
- › Automatic Self-Diagnostic Record
- › RS-232 Port and Digital I/O Accessory *
- › Bluetooth 4.0

(*) Optional

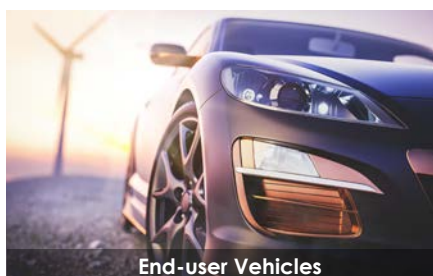
Features

- › Cost effective and easy installation
- › Data communications by 4G LTE (Cat.1/ Cat.M)
- › Built-in 6-axis accelerometer
- › Built-in GSM and GPS antennas
- › Support engine/ignition status detection
- › Support harsh acceleration/ harsh braking/Impact detection/ harsh cornering/ Flip over detection
- › Geofence report in circular and polygonal types
- › Remote configuration
- › Configurable real-time tracking
- › Intelligent power management
- › GPS Odometer data reading and rich user-defined reports
- › FOTA firmware via FTP
- › Power low/lost alarm
- › Maximum 200,000 data logs
- › Built-in backup battery

Industry



Logistics & transportation



End-user Vehicles



Security and Patrol / Police / Government

Specifications

Communication Specification

- Frequency**
- 3G/ UMTS/HSPA: 850/900/1900/2100 MHz
 - 4G LTE (Cat.1): B1/ B2 / B3 / B4 / B5 / B7 / B8 / B12 / B13 / B19 / B20 / B28
 - 4G LTE (M1/NB1): Global Band

General Specification

- Dimensions (L x W x H)** 77.5mm x 50mm x 27mm
- Weight** 90g
- Power Source** 6-36V DC
- Operating Temperature** -20°C~+70°C (-4°F~158°F)

Power Consumption

Operating Mode

- | | |
|------------------|---------------|
| Cat. 1+BT | 50mA @ 12V DC |
| Cat. M1/NBIOT+BT | 45mA @ 12V DC |

Low Mode

- | | |
|------------------|---------------|
| Cat. 1+BT | 14mA @ 12V DC |
| Cat. M1/NBIOT+BT | 12mA @ 12V DC |

Deep Sleep Mode

- | | |
|------------------|----------------|
| Cat. 1+BT | 1.5mA @ 12V DC |
| Cat. M1/NBIOT+BT | 1.5mA @ 12V DC |

GPS Performance

- Datum** WGS-84
- Receiver type** 50 channels
- Sensitivity** -167 dBm

Interface

- Serial Ports** 1 x RS-232 Port (Configurable baud rate)
- Input Ports**
- 1 x ACC/Ignition Input
 - 3 x Digital Inputs (1 x Positive triggers & 2 x Negative triggers)
 - 2 x Analog Inputs (12-bit resolution)
 - 1 x 1-Wire® Input
- Output Ports** 2 x Digital Outputs (Max. sink current 300mA)
- Two-way voice port** (Optional)

Accessories

Option

- OB2 II extension cable
- OB2 II Y cable
- USB cable
- Wireless relay kit
- USB to 1 Digital Input + RS232
- USB to 2 Digital Input +1 Digital Output

Application

- Usage-based insurance
- Car rental
- Fleet management
- Location based service

The specification may be subjected to change without prior notice.

