



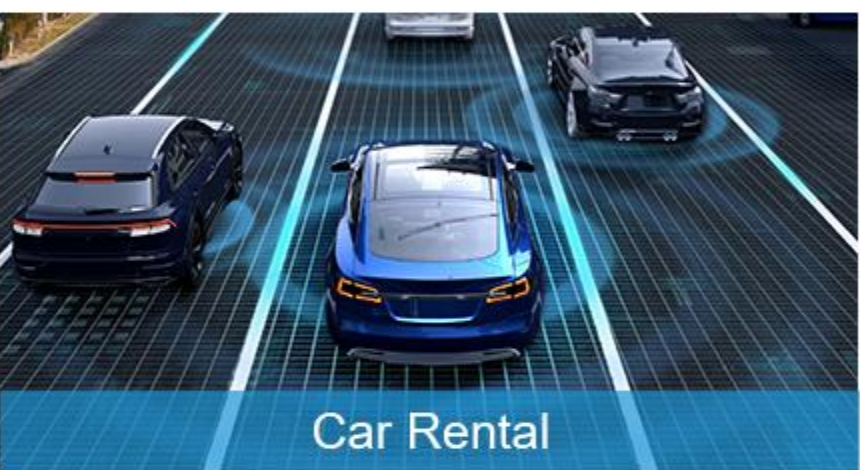
MT200

2G/BLE Vehicle Tracker

MT200 2G/BLE vehicle tracker is a feature-enhanced solution for essential fleet tracking and driver safety. Beyond core GPS & LBS over 2G networks, it adds Wi-Fi for improved indoor positioning and a critical SOS emergency button. With BLE 5.0, flexible I/O ports, and 9-100V wide input.



Applications



- SOS

SOS Emergency Button
Instantly sends an alert with location to preset contacts when pressed for quick assistance.
- Multi-Tech GPS+LBS+Wi-Fi**
Reliable positioning solution leveraging both satellite and terrestrial technologies.
- 2G GSM & GPRS**
Communication via 2G GSM/GPRS/EDGE networks.
- I/O

Flexible I/O Options
Relay output, digital inputs (ignition/SOS), analog voltage input.
- Real-Time Location Tracking**
Provides dynamic location updates on a live map for instant situational awareness.
- Driving Safety Guardian**
Monitors harsh driving and provides alerts with behavior analysis for fleet safety.

GNSS

Positioning system	GPS, LBS, Wi-Fi with AGPS	
Frequency	GPS L1: 1575.42 MHz	
Positioning accuracy	5-10 m (5m CEP)	
Tracking sensitivity	-162 dBm	
Acquisition sensitivity	-148 dBm	
TTFF (open sky)	Avg. cold start ≤ 35 sec	Avg. hot start ≤ 2 sec
Wi-Fi	2.4 GHz, used for indoors tracking	

Cellular

Communication network	GSM/GPRS
Frequency	850, 900, 1800, 1900 MHz

Power

Battery	60 mAh 3.6 V rechargeable NI-MH AAA battery	
Input voltage	9-100V DC	
Battery protection	N/A	
Operating current	Active < 30 mA @ 12V DC	Sleep < 5 mA @ 12V DC
Working modes	Motion & Static Auto-Switch	

Interface

LED indication	Cellular (Red), GNSS (Green)
SIM	Micro-SIM
Bluetooth	BLE 5.0 (iBeacon & Gateway)
AD Interface	1 Analog input (Voltage range: 0-33V)
Data storage	1000 offline refill data points
Connector	6PIN
Antenna	Internal high-gain GNSS & Cellular antenna

Physical specification

Dimensions	L75 x W40 x H14.5 mm
Weight	45g