



Smart Terminal 4G Car GPS Tracker MV880G

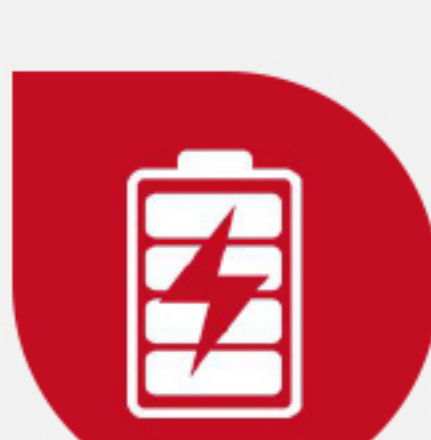
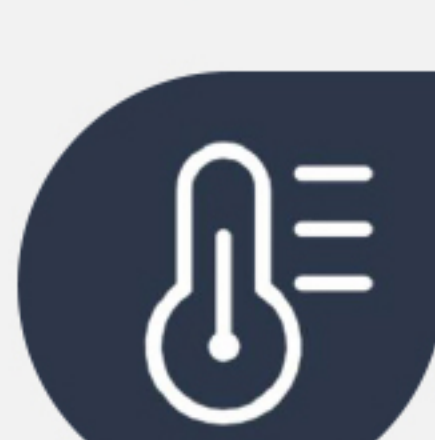
MV880G is a high-performance GPS tracker designed for easy installation and intelligent vehicle monitoring. It features a large 35×35×4mm ceramic antenna for enhanced positioning accuracy and simplified setup. With an IP67 waterproof rating, it performs reliably in challenging environments. The device supports real-time tracking, playback of historical routes, ACC status detection, movement alerts, overspeed alarms, vibration alarms, low voltage warnings, and engine start/stop alerts—making it an ideal solution for private vehicles, fleet management, motorcycles, and electric scooters.

3.68oz(104.3g)



58(L)*21(w)*70mm(H)

-20℃ - 75℃



NI-MH battery
AAAAA200T*3 3.6V 200mAh



4G LTE+2G GSM



Real-time Tracking



Historical Route Playback



GNSS+LBS



Big Ceramic Antenna



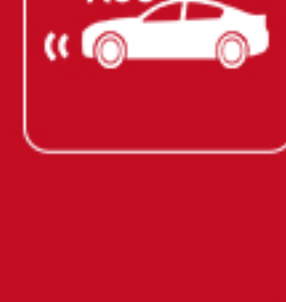
Remote OTA Upgrade



IP67 Waterproof



Easy To Install



ACC Status Detection



Overspeed Alarm



Vibration alarm



Geo-fence



Battery low voltage alarm



Blind Area Data Storage



Power Disconnect Alarm



Engine On/OFF Alarm

REGION

Worldwide

OPERATION BANDS

2G GSM/GPRS: 850/900/1800/1900MHz
4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28/B66
LTE-TDD: B34/B38/B39/B40/B41

POSITION ACCURACY

GNSS Accuracy: <10 meters

CERTIFICATES

CE, RoHS

Applications



Cars



Trucks



E-bike

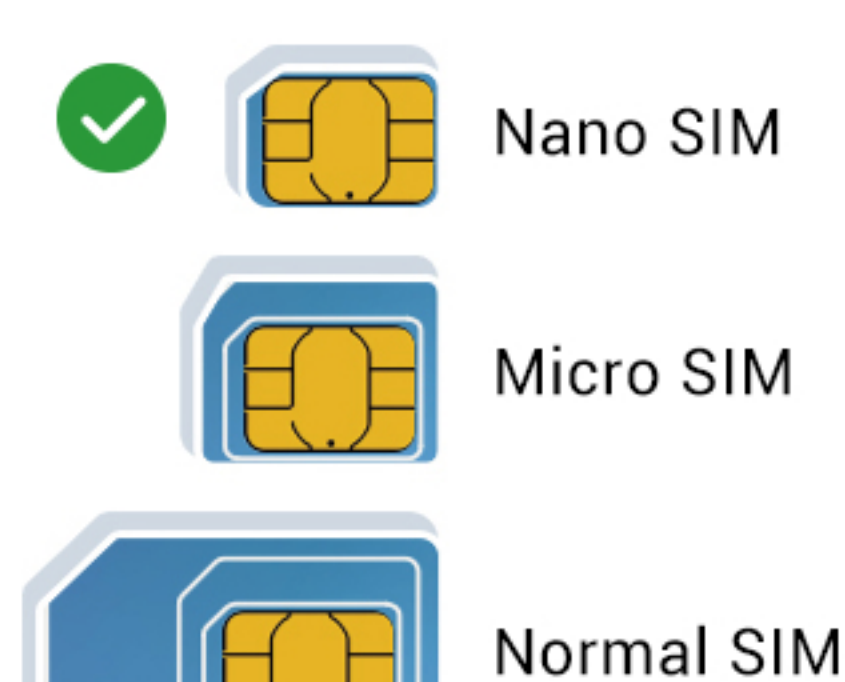
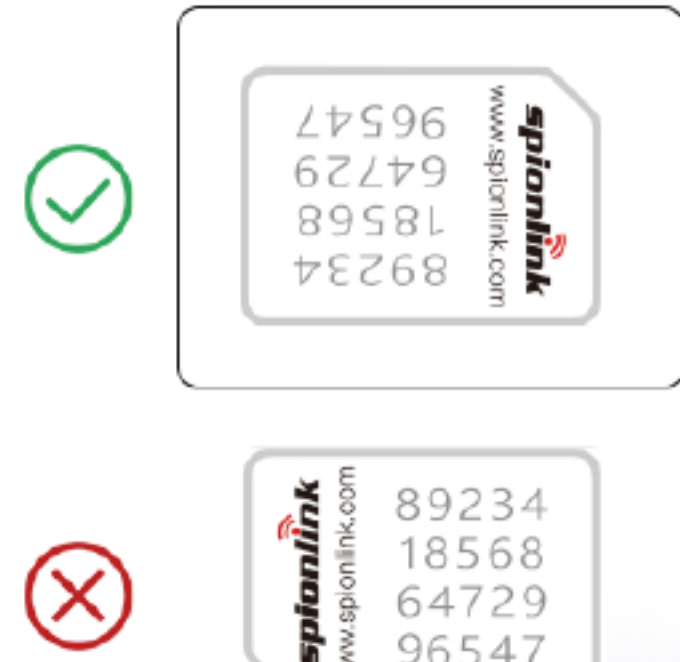


Motorcycles



Bus

Spionlink Nano SIM



TIPS:

- (1) Please remove the PIN code;
- (2) Please enable the internet DATA traffic, Caller ID and SMS service of the SIM;
- (3) Please ensure enough balance left for SIM card monthly fee;
- (4) Please contact us with SIM operator if the device isn't online automatically.

Wiring



NOTE ⚠️⚠️⚠️ : After installed SIM card correctly , it is very important to connect the tracker with external power no less than 12V for power supply before operation!

Product Specification

Device Information	Model	MV880G
	Weight	104.3g
	Dimensions	58*21*70mm
	Battery	NI-MH battery AAAAA200T*3 3.6V 200mAh
Working Parameters	Working Voltage	9-95V DC
	Working Current	12V/Average 34.90mA
	Sleep Current	12V/Average 5.98mA
	Working Temperature	-20℃ - 75℃
	Working Humidity	10%-85%RH
	Built-in Memory	720pcs GPS data can be stored at network blind area
Cellular Specifications	SIM Card	Nano SIM
	Cellular Antenna	Built-in, FPC
	Communication Module Model	SIMCOM A7670G
	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28/B66 LTE-TDD: B34/B38/B39/B40/B41
GNSS Specifications	Positioning Module Model	Beken Corporation BK1661
	GNSS Antenna	Built-in Ceramics GNSS Antenna, 35mm*35mm*4mm
	GNSS	L1 Bands: GPS L1, Beidou B1, GLONASS G1
	GPS Frequency	L1: 1575.42±1.023MHz
	BDS Frequency	B1:1561.098±2.046MHz
	Satellite Channels	120
	Hot/Cold Start	<1s, <28s @ Open Sky
	Positioning Type	GNSS+BDS+LBS+AGPS
	Accuracy	Location accuracy: <1.5mCEP
		AGPS First positioning time< 1.5 s
		Timing accuracy: <30ns (1σ)
		Speed accuracy: <0.1m/s (1σ)