



JM-VG03

Mini Vehicle GNSS Tracker

Supporting 9-90V voltage range, JM-VG03 series works suitably with a wide range of vehicles. Thanks to its inbuilt large antenna and compact size, it delivers faster and more accurate positions and can be hidden-installed. In addition to its general features, alerts of power supply disconnection and tamper are pluses for anti-theft.



Driving Behavior Analysis (Basic)

Receive alerts when any of 4 kinds of dangerous driving behavior is detected.



IP65 Dust & Water Resistance

Rugged design ensures continued optimal performance, even in the toughest conditions.



Remote Cut-Off (Fuel/Power)

Immobilize a vehicle by cutting off its power source/fuel supply via an installed relay.



Ignition Detection

Constantly detect the ACC/ignition status of the vehicle.



Geo-Fence

A virtual area set on platform by yourself, you'll be informed when vehicle crossing its boundary.



Multiple Alerts

Instant alerts for atypical events such as low battery, speeding, removal, drifting, etc.

Motorcycle



Electric Bike



Light Vehicle



GNSS

Positioning system	GPS+BDS+LBS
Frequency	L1
Positioning accuracy	<2.5m CEP
Tracking sensitivity	-162dBm
Acquisition sensitivity	-148dBm
TTF (open sky)	Avg. hot start ≤1sec Avg. cold start ≤35sec

Cellular

Communication network	GSM
Frequency	Quad-band 850/900/1800/1900 MHz

Power

Battery	60mAh/3.7V industrial-grade Li-Polymer battery
Input voltage	9-90VDC

Interface

LED indication	GPS (Blue), GSM (Green)
SIM	Micro-SIM
Data storage	32+32Mb
Interface	4 pin (V+, V-, ACC, Relay)

Physical specification

Dimensions	79.0 x 38.0 x 5.1mm
Weight	29g

Operating environment

Operating temperature	-20°C to 70°C
IP rating	IP65

Feature

Sensors	Accelerometer
Ignition detection	ACC Detection
Scenarios	Vehicle movement alert, Over-speed alert, Geo-fence, Vehicle battery detection, Power supply disconnection
Driving behavior analysis	Harsh acceleration, Harsh braking, Harsh cornering, Collision