



The JM-VL03 is a 4G LTE GPS tracker mainly designed for the management of vehicles. The ability to work in 9-90V input voltage enables its compatibility with a wide range of vehicles. An advanced GPS antenna gives it strong signal acquisition and more accurate positioning capability. Designed with a driving behavior analysis system and multiple alerts, the JM-VL03 can increase the driving safety and vehicle security further effectively.





LTE & GSM Network

The device can receive and transmit data in the coverage of 4G and 2G network.



9-90V Rated Voltage

Compatible with a wide range of input voltage, able to work on almost all vehicles.



Driving Behavior Analysis (Basic)

You will receive immediate alert when driver's dangerous driving behavior is detected.



Vehicle Battery Protection

Optimized battery protection prevents vehicle battery from draining out or damage.



Remote Cut-off (Fuel/Power)

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



Ignition Detection

Always keeps you informed of the ACC status of vour vehicle.



Tamper Alert

When device's attitude has (been) changed, e.g. falling or man-made removal, you'll get notified.

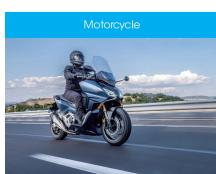


Multiple Alerts

Instant alerts of typical events such as vibration, towing, geo-fence, speeding, etc.







GNSS

GPS+BDS+LBS
L1
<10 meters
-165dBm
-148dBm
Avg. hot start ≤ 1sec Avg. cold start ≤ 32sec

Cellular

Communication network	LTE/GSM
Frequency	JM-VL03E: LTE-FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B34/B38/B39/B40/B41 GSM: 900/1800 MHz
	JM-VL03A: LTE: B1/B3/B7/B8/B28 GSM: 850/900/1800/1900 MHz
	JM-VL03M: LTE: B2/B4/B5/B7/B12/B13 GSM: 850/900/1800/1900 MHz

Power

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

Interface

LED indication	GNSS (Blue), Cellular (Green), Power (Red)
SIM	Micro-SIM
Data storage	64+128Mb
Digital inputs	ACC
Digital outputs	Relay

Physical specification

Dimensions	94.3 x 50.4 x 15.0mm
Weight	69.0g

Operating environment

Operating temperature	-20 ℃ to +70 ℃
IP rating	IP65

Feature

Sensors	Accelerometer
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