



GV20

3G Vehicle GNSS Tracker

The GV20 is a fully-featured, highly competitive and cost-effective 3G multi-functional GPS tracker developed for vehicle, motorbike, and bus tracking. It offers you crystal clear real-time tracking details, including location, route, playback, and more, even in a tough environment. It supports remote fuel/power cutoff and also provides you with the vehicle's ignition status. Wherever you go, its instant alert notifications allow you to react accordingly and immediately.



GPS & LBS Positioning

Two complementary positioning systems ensure the locations to be accurately displayed on cloud platform.



9-90V Operating Voltage

Wide operating voltage range is suitable for a huge variety of vehicles, including industrial equipment, scooters, golf carts, and more.



Remote Cut-Off (Fuel/Power)

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



WCDMA & GSM Network

Able to receive and transmit data in the coverage of 3G and 2G networks.



IP65 Dust and Water Resistance

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



Tamper Alert

Receive an alert when the device is removed from the vehicle.

Vehicle Tracking



Motorbike Tracking



Bus Tracking



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 ≤32sec

Cellular

Communication network	WCDMA/GSM
Frequency	WCDMA: 850/900/1900/2100 MHz GSM: 850/900/1800/1900 MHz

Power

Battery	400mAh/3.7V industrial-grade Li-Polymer battery
Input voltage	9-90VDC

Interface

LED indication	GNSS (Blue), Cellular (Green), Power (Red)
SIM	Standard-SIM
Data storage	32+32Mb
Digital inputs	ACC
Digital outputs	Relay

Physical specification

Dimensions	88.0 x 45.0 x 13.0mm
Weight	60g

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