



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 Rated Voltage

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



Vehicle Battery Protection

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



WCDMA & GSM Network

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



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 your vehicle.



IP65 Dust and Water Resistance

Rugged and reliable design ensures stable operation in tough conditions.



Tamper Alert

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

Vehicle Tracking



Motorbike Tracking



Bus Tracking



GNSS

Positioning system	GPS+BDS+LBS
Frequency	L1
Positioning accuracy	<2.5m CEP
Track 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 C to +70 C
IP rating	IP65

Feature

Sensors	Accelerometer
Scenarios	Vehicle movement alert, Over-speed alert, Geo-fence, Vehicle battery detection, Power supply disconnection