

# MV406

## 4G Upgrade GPS Vehicle Tracker

The MV406 is a small and smart GPS vehicle tracker with 4G LTE, GNSS. LTE communication with GSM (2G) fallback ensures a solid connection in almost all cases, and the wide 9–100V input voltage range is compatible with virtually any vehicle. It is a perfect tracker for a wide range of use cases – Stolen vehicle recovery, Motorcycle tracking, Fleet management, etc.



- **Dual Server IP**

Supports uploading locations to two platforms simultaneously to ensure no data loss.
- **Wide Operating Voltage**

9-100V wide operating voltage applied to all types of vehicles, such as: car, truck, motorcycle, etc.
- **Remote Engine Cut-off**

Immobilize the vehicle by cutting off its power source / fuel supply via an installed relay.
- **SOS****Panic Button(optional)**

Contact dispatch or emergency support with a discreet, in-cabin SOS button.
- **Ignition Detection**

Constantly detect the ACC/ignition status of the vehicle.
- **Tamper Alert with built-in Light Sensor**

An alarm will be reported to the monitor center once the device case is opened.
- **Driving Behavior Analysis(Basic)**

Receive alerts when any of 4 kinds of dangerous driving behavior are detected.
- **Audio Monitoring(optional)**

Extended microphone makes it available to monitor the voices inside the cab.

<b>GNSS</b>	Positioning system	GPS & BDS & GLONASS & AGPS & LBS
	Frequency	L1(GPS & GLONASS), B1(BDS)
	Positioning accuracy	<2M CEP
	Tracking sensitivity	-162 dBm
	Acquisition sensitivity	-148 dBm
	TTFF(open sky)	Avg. hot start ≤ 1s Avg. cold start ≤ 32s
<b>Cellular</b>	Communication network	LTE/GSM
	Frequency	<b>MV406-EU:</b> FDD-LTE: B1/B3/B7/B8/B20/B28 TDD-LTE: B38/B40/B41 GSM: B2/B3/B5/B8
		<b>MV406-LA:</b> FDD-LTE: B1/B3/B7/B8/B20/B28 GSM: B2/B3/B5/B8
		<b>MV406-NA:</b> FDD-LTE: B2/B4/B5/B7/B12/13/B17/B66 GSM: B2/B3/B5/B8
<b>Power</b>	Battery	110mAh/3.7V Industrial grade lithium Polymer battery
	Input voltage	9-100V DC
<b>Interface</b>	LED indication	GNSS(Blue), Cellular(Green), Power(Red)
	SIM	Nano SIM
	Digital inputs	ACC, SOS(Optional), Mic(Optional)
	Digital outputs	Relay
<b>Physical specification</b>	Dimensions	48*29*31.3mm
	Weight	23.8g
<b>Operating environment</b>	Operating temperature	-20°C to +70 °C
	Operating humidity	5% to 95%, non-condensing
	IP Rating	IP65
<b>Feature</b>	Sensors	Accelerometer
	Scenarios	Moving, Tamper, Geofence, Vibration, Low battery, Power Cut Off, Engine Cut-Off, ACC detection, Voice monitoring, SOS, etc.
	Driving behavior analysis	Harsh acceleration, Harsh braking, Harsh cornering, Collision.