MV750G Waterproof Intelligent 4G Vehicle GNSS Tracker

The MiCODUS MV750G is a high-performance 4G GPS tracker with real-time tracking, history playback, and geofencing. Its IP67 waterproof design ensures durability in all conditions. For security, it offers remote lock/unlock, buzzer alarm, door opening alert, and signal jamming detection, preventing unauthorized use and interference. Ideal for both personal and fleet management, MV750G provides a smarter, safer tracking solution.

- 1.68oz(47.6g)
- 90.8(L)×28(w)×16mm(H)
- -20℃ - 75℃
- Built-in 3.7V 140mAh Polymer Battery

- 2G GSM + 4G LTE
- Real-time tracking
- Door lock & unlock
- Buzzer alarm
- IP67 Waterproof
- SOS emergency alarm
- Historical route playback
- GPS+BDS+GLONASS
- Remotely cut off/Resume fuel
- 9-95V Wide working voltage
- Door open alarm
- Overspeed alarm
- Vibration alarm
- Geo-fence
- Battery low voltage alarm
- Anti jammer
- Door status detection
- Ignition on/off alarm

REGION
Worldwide

OPERATION BANDS
2G GSM/GPRS: 850/900/1800/1900MHz
4G LTE CAT1: B1/B2/B3/B4/B5/B7/B8/B28/B66

POSITION ACCURACY
GNSS Accuracy: < 10 meters

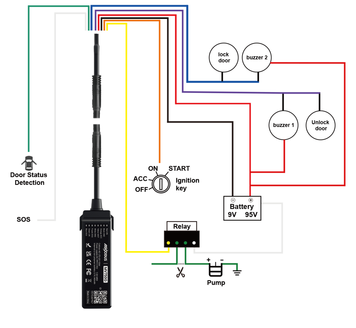
CERTIFICATES
CE, RoHS

Applications

SIM card installation

TIPS:
(1) Please remove the PIN code;
(2) Please enable the internet DATA traffic, Caller ID and SMS service of the SIM;
(3) Please ensure enough balance left for SIM card monthly fee;
(4) Please contact us with SIM operator if the device isn't online automatically.

Wiring



NOTE ⚠⚠⚠ : After installed SIM card correctly , it is very important to connect the tracker with external power no less than 12V for power supply before operation!

Product Specification

Device Information	Model	MV750G
	Weight	47.6g
	Dimensions	90.8(L)*28mm(W)*16mm(H)
	Battery	Built-in 3.7V 140mAh Polymer Battery
Working Parameters	Working Voltage	9-95V DC
	Working Current	12V/Average 30mA
	Sleep Current	12V/Average 8mA
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH
	Built-in Memory	1500pcs GPS data can be stored at network blind area
Celluar Specifications	SIM Card	Nano SIM
	Celluar Antenna	Built-in, FPC
	Communication Module	QUECTEL EG915
	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE CAT1: B1/B2/B3/B4/B5/B7/B8/B28/B66
GNSS Specifications	Positioning Module	Zhonglie Microelectronics AT6558R
	GNSS	GPS+BDS+GLONASS
	GPS Frequency	L1: 1575.42±1.023MHz
	BDS Frequency	B1:1561.098±2.046MHz
	Satellite Channels	32
	Hot/Cold Start	<1s, <32s @ Open Sky
	GNSS Antenna	Built-in Ceramics GNSS Antenna, 25mm*25mm*4mm
	Positioning Type	GNSS+BDS+LBS+AGPS
	Accurancy	Location accuracy: <10m（1σ） Timing accuracy: <30ns（1σ） Speed accuracy: <0.1m/s（1σ）
External Interface	ACC Detection Input	1 ACC detection line
	Cut-off Fuel/Electric Circuit	1 Low output line (relay control line)
	SOS	1 Low detection line (SOS alarm line)
	Remotely Lock/Unlock Door	1 Low detection line
	Door Status Detection	1 Digital input

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