

2G

Vehicle GPS Tracker

MV710N, MV710,
MV790, MV901N, MV208



Vehicle GPS Tracker MV710N



Anti Jammer



Open Door Alarm

GPS+GLONASS+LBS

Real-time Tracking

Historical Route Playback

Engine On/OFF Alarm

Power Disconnect Alarm

9-95V Wide Working Voltage

Geo-fence

Overspeed Alarm

Vibration alarm

Remotely Cut Off/Resume Fuel

Anti Jammer

Open Door Alarm

Device Information	Model	MV710N
	Weight	31.6g
	Dimensions	75mm(L)*26mm(W)*12mm(H)
	Battery	Built-in 140 mAh 3.7V polymer battery
Working Parameters	Working Voltage	9-95V DC
	Working Current	12V/average 35mA
	Sleep Current	12V/average 10mA
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85% RH non-condensing
Cellular Specifications	SIM Card	Micro SIM
	Cellular Antenna	Built-in, FPC
	Working Frequency	GSM/2G : 850/900/1800/1900MHz
GNSS Specifications	GNSS	GPS+BDS+GLONASS+LBS
	GPS Frequency	L1: 1575.42±1.023MHz
	BDS Frequency	B1:1561.098±2.046MHz
	Sensitivity	-162 dBm
	Satellite Channels	32
	Hot/Cold Start	<1s, <32s @ Open Sky
	Positioning Antenna	Built in ceramic dielectric antenna, 18*18*4mm
	Accuracy	<10m (1σ)
External Interface	ACC Detection	1
	Cut Off Fuel/Power	Standard
	Open door Alarm	1

Vehicle GPS Tracker MV710



 GPS+GLONASS+LBS

 Real-time Tracking

 Historical Route Playback

 Engine On/OFF Alarm

 Power Disconnect Alarm

 9-90V Wide Working Voltage

 Geo-fence

 Overspeed Alarm

 Vibration alarm

 Remotely Cut Off/Resume Fuel

 ACC Status Detection

 Auto Arm by ACC

Device Information	Model	MV710
	Weight	27g
	Dimensions	73mm(L) * 26mm(W) * 13mm(H)
Working Parameters	Working Voltage	DC 9-90V
	Working Current	<30 mA
	Sleep Current	<15 uA
	Battery Capacity	3.7V 80mAh Lion Polymer battery
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz
	SIM Card	Nano SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+GLONASS+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
	Position Accuracy	5-10m

Vehicle GPS Tracker MV790



GPS+GLONASS+LBS



Real-time Tracking



Historical Route Playback



Engine On/OFF Alarm



Power Disconnect Alarm



9-90V Wide Working Voltage



Geo-fence



Overspeed Alarm



Vibration alarm



Remotely Cut Off/Resume Fuel



Voice Monitor



SOS Panic Button

Device Information	Model	MV790
	Weight	48.9g
	Dimensions	90mm(L) * 40mm(W) * 12mm(H)
	Backup Battery Working Time	1-2 hours
Working Parameters	Working Voltage	DC 9-90V
	Working Current	<30 mA
	Sleep Current	<15 uA
	Battery Capacity	3.7V 80mAh Lion Polymer battery
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz
	SIM Card	Nano SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+GLONASS+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
	Position Accuracy	5-10m

Vehicle GPS Tracker MV901N



Device Information	Model	MV901N
	Weight	63.2g
	Dimensions	33mm(L) * 15mm(W) * 90mm(H)
	Backup Battery Working Time	1-2 hours
Working Parameters	Working Voltage	9-95V DC
	Working Current	4V/Average 45mA
	Sleep Current	4V/less than 5mA
	Battery Capacity	3.7V 180mAh Li-ion Battery
	Working Temperature	-20°C - 55°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	2G GSM 850/900/1800/1900MHz
	SIM Card	Normal SIM
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+BEIDOU+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking Sensitivity	-162 dBm
	GPS Channels	64
	Position Accuracy	5-10m

Vehicle GPS Tracker MV208



GPS+LBS



Real-time Tracking



Historical Route Playback



9-90V Wide Working Voltage



Overspeed Alarm



Geo-fence



Movement Alarm



Vibration alarm



Remotely Cut Off/Resume Fuel



Compact Size

Model	MV208
Weight	26.5g
Dimension	73.8mm(L)*25.9mm(W)*12.2mm(H)
Operating Temperature	-20 C ~ +70 C
Working Voltage / Current	9-72V DC / 8mA (36V DC)
Battery	100mAh/3.7V industrial grade li-ion polymer battery
TTFB (Open Sky)	Avg, hot starts 1sec Avg, cold starts 32 sec
Location Accuracy	<10 meters
GPRS	Class 12, TCP/IP
Frequency	GSM: 850/900/1800/1900MHz

2G

Relay GPS Tracker

MV720, MV730, MV930



Relay GPS Tracker

MV720



Hidden Design



GPS+GLONASS
+LBS



Real-time
Tracking



Historical Route
Playback



9-90V Wide
Working Voltage



Remotely
Cut Off/
Resume Fuel



Power
Disconnect
Alarm



Geo-fence



Overspeed
Alarm



Vibration alarm

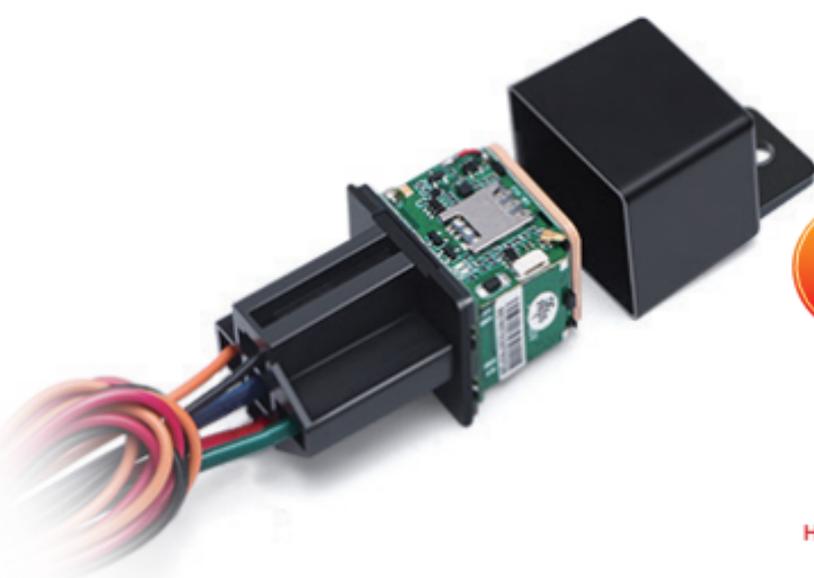


Tow Alarm

Device Information	Model	MV720
	Weight	53g
	Dimensions	31mm(L) * 31mm(W) * 57mm(H)
Working Parameters	Working Voltage	DC 9-90V
	Working Current	<30 mA
	Sleep Current	<15 uA
	Battery Capacity	3.7V 80mAh Lion Polymer battery
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz
	SIM Card	Nano SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+GLONASS+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
Position Accuracy	5-10m	

Relay GPS Tracker

MV730



Hidden Design



GPS+GLONASS+LBS



Real-time Tracking



Historical Route Playback



9-90V Wide Working Voltage



Remotely Cut Off/Resume Fuel



Engine On/OFF Alarm



Auto Arm by ACC



Power Disconnect Alarm



Geo-fence



Overspeed Alarm



Vibration alarm



Movement Alarm



ACC Status Detection



Power Saving Mode

Device Information	Model	MV730
	Weight	53g
	Dimensions	31mm(L) * 31mm(W) * 57mm(H)
Working Parameters	Working Voltage	DC 9-90V
	Working Current	<30 mA
	Sleep Current	<15 uA
	Battery Capacity	3.7V 80mAh Lion Polymer battery
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz
	SIM Card	Nano SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+GLONASS+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
	Position Accuracy	5-10m

Relay GPS Tracker

MV930



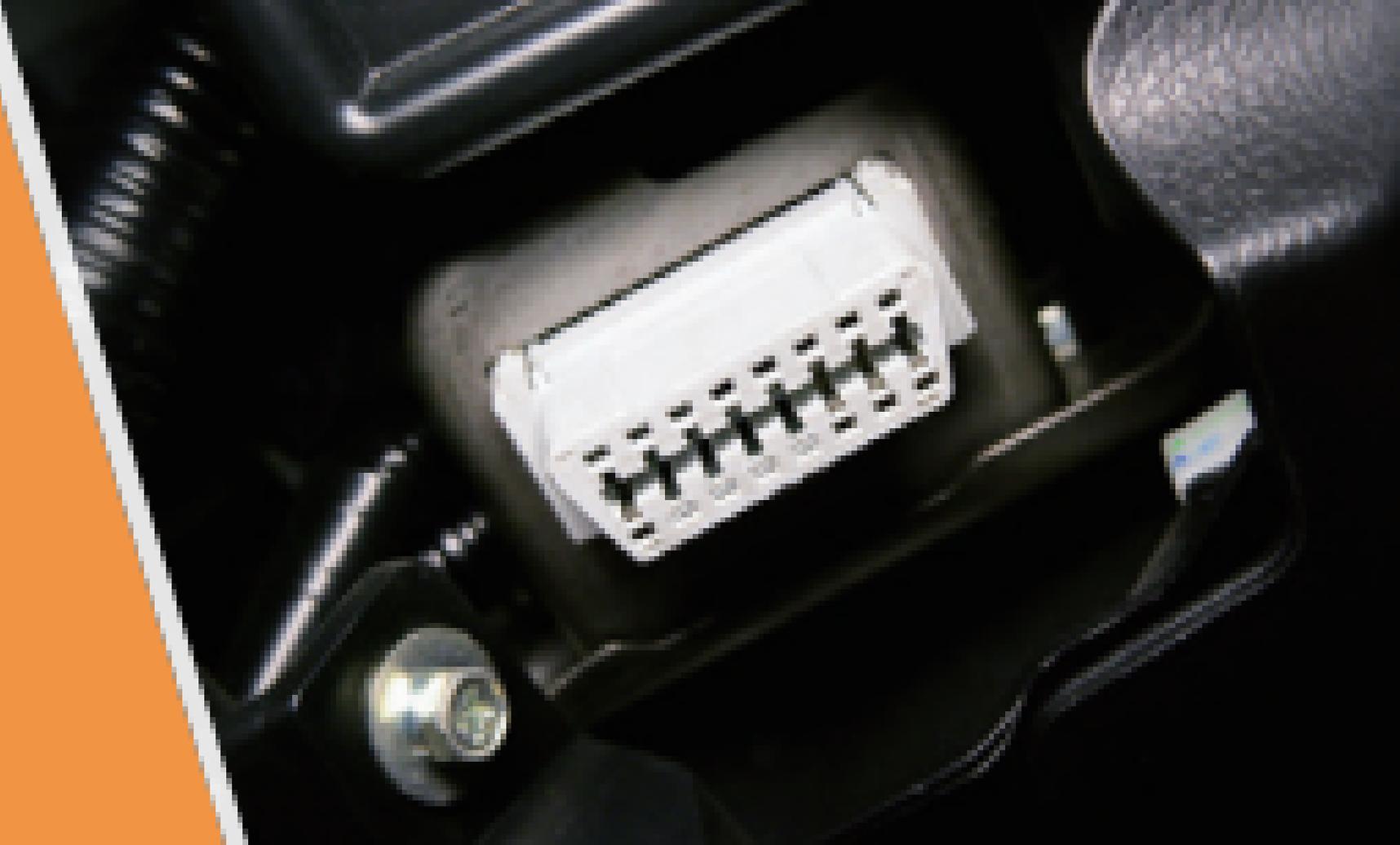
-  2G GSM
-  GPS+GLONASS+BDS
-  Real-time Tracking
-  Historical Route Playback
-  9-95V Wide Working Voltage
-  Engine On/Off Alarm
-  Battery low voltage alarm
-  Remotely Cut Off/Resume Fuel
-  Power Disconnect Alarm
-  Geo-fence
-  Overspeed Alarm
-  Vibration alarm
-  Movement Alarm
-  ACC Status Detection

Device Information	Model	MV930	
	Weight	57g	
	Dimensions	57mm(L)*31mm(W)*31mm(H)	
	Battery	Built-in 3.7V 60mAh Polymer Battery	
Working Parameters	Working Voltage	9-95V DC	
	Working Current	12V/Average 40mA	
	Sleep Current	12V/Less than 10mA	
	Working Temperature	-20°C - 75°C	
	Working Humidity	10%-85%RH	
	Built-in Memory	5000pcs GPS data can be stored at network blind area	
	Cellular Specifications	SIM Card	Nano SIM
		Cellular Antenna	Built-in, FPC
Module		MC25	
Working Frequency		2G GSM/GPRS: 850/900/1800/1900MHz	
GNSS Specifications	GNSS	GPS+GLONASS+BDS	
	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, 25*25*4mm	
	Positioning Type	GNSS+BDS+LBS+AGPS	
	Accuracy	Location accuracy:	<10m (1σ)
Timing accuracy:		<30ns (1σ)	
Speed accuracy:		<0.1m/s (1σ)	
External Interface	Cut Off Fuel	Built-in with 12V relay	

2G

OBD GPS Tracker

MV66, MV33



OBD GPS Tracker

MV66



Voice Monitor



Compact Size



Real-time Tracking



Historical Route Playback



Engine On/Off Alarm



Low voltage Alarm



Voice Monitor



Plug & Play



Geo-fence



Overspeed Alarm



Vibration alarm



Movement Alarm



Plug Out Alarm

Device Information	Model	MV66
	Weight	30g
	Dimensions	48.2mm(L) * 28.6mm(W) * 29.1mm(H)
	Backup Battery	3.7V 60mAh Li-Polymer Battery
Working Parameters	Working Voltage	DC 9V - 35V
	Working Current	12V/45mA
	Sleep Current	12V/8mA
	Working Temperature	-20°C - 75°C
	Working Humidity	5%-95%RH
Cellular Specifications	Communication Module	QUECTEL MC25
	SIM Card	Micro Size
	Celluar Antenna	Built-in
	Working Frequencies	2G GSM/GPRS: 850/900/1800/1900MHz
GNSS Specifications	GNSS	GPS+BDS
	Satellite Channels	32
	GPS Frequencies	L1: 1575.42±1.023MHz
	BDS Frequencies	B1: 1561.098±2.046MHz
	Hot/warm/cold Start	<1s, <32s @ Open Sky
	Tracking sensitivity	-162dBm
	GNSS Antenna	Built-in Ceramics GNSS Antenna, 18mm*18mm*4mm
	Positioning Type	GNSS+LBS+AGPS

OBD GPS Tracker

MV33



Compact Size



GPS+LBS Dual Positioning



Real-time Tracking



Historical Route Playback



9-40V Wide Working Voltage



Voice Monitor



Plug & Play



Geo-fence



Overspeed Alarm



Vibration alarm



Movement Alarm



Plug Out Alarm

Device Information	Model	MV33
	Weight	69g
	Dimensions	45mm(L) * 25mm(W) * 38mm(H)
	Backup Battery Working Time	1-2 hours
Working Parameters	Working Voltage	DC 9-40V
	Working Current	<30 mA
	Sleep Current	<15 uA
	Battery Capacity	3.7V 80mAh Lion Polymer battery
	Working Temperature	-20°C - 70°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	2G GSM: 850/900/1800/1900MHz
	SIM Card	Nano SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GSM/GPRS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
	Position Accuracy	5-10m

2G

Asset GPS Tracker

ML500, ML150



Asset GPS Tracker

ML500



Real-time Tracking



Historical Route Playback



Powerful Magnet



5000mAh



Low battery alert



Temperature Monitor



Waterproof IP65



Geo-fence



Overspeed Alarm



Vibration alarm



Movement Alarm



Voice Monitor

Device Information	Model	ML500
	Weight	146.6g
	Dimensions	92mm(L) * 47mm(W) * 30mm(H)
	Charging Time	Around 7 hours
	Battery Working Time	Tracking Mode, 1 minutes' reporting: 7-15 days
Working Parameters	Working Voltage	DC 3.4V - 4.5V
	Working Current	4V/Average 45mA
	Sleep Current	4V/less than 5mA
	Battery Capacity	3.7V 5000mAh Lion Polymer battery
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz
	SIM Card	Micro SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+BEIDOU+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64

Asset GPS Tracker

ML150



Super Mini



Compact Size



GPS+BDS LBS



Real-time Tracking



Historical Route Playback



Built-in Magnet



1500mAh



Waterproof IP65



Geo-fence



Overspeed Alarm



Vibration alarm



Movement Alarm



Voice Monitor

Device Information	Model	ML150
	Weight	58.4g
	Dimensions	36mm(L) * 23mm(W) * 54mm(H)
	Charging Time	Around 5 hours
	Battery Working Time	3-5 days under tracking mode
Working Parameters	Working Voltage	DC 3.4V - 4.5V
	Working Current	4V/Average 45mA
	Sleep Current	4V/less than 5mA
	Battery Capacity	3.7V 1500mAh Lion Polymer battery
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	2G GSM/GPRS 850/900/1800/1900Mhz
	SIM Card	Nano SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+BEIDOU+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
	Position Accuracy	5-10m

2G

Animal GPS Tracker

ML935



Animal GPS Tracker ML935



2G Quad Band



GPS+LBS Dual Positioning



Real-time Tracking



Historical Route Playback



Waterproof IP65



Geo-fence



3000mAh



VoiceMonitor

Device Information	Model	ML935
	Weight	116g
	Dimensions	94mm(L) * 46mm(W) * 31mm(H)
	Charging Time	Around 7 hours
	Battery Working Time	Tracking Mode, 1 minutes' reporting: 7-15 days
Working Parameters	Working Voltage	DC 3.4V - 4.5V
	Working Current	4V/Average 45mA
	Sleep Current	4V/less than 5mA
	Battery Capacity	3.7V 3000mAh Lion Polymer Battery
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz
	SIM Card	Normal SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+LBS+GPRS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking Sensitivity	-162 dBm
	GPS Channels	64
	Position Accuracy	5-10m

4G

Vehicle GPS Tracker

MV501G, MV601G, MV710G, MV700G,
MV810G, MV77G, MV400G, MV401G, MV750G,
MV880G, MV790G, MV901G



Vehicle GPS Tracker MV501G



Fuel Sensor



Temperature Sensor



Camera



4G+2G



Real-time Tracking



Historical Route Playback



Remotely Cut Off/Resume Fuel



Geo-fence



Overspeed Alarm



Vibration alarm



1000mAh



Engine On/OFF Alarm



Movement Alarm



Voice Monitor



SOS Alarm

Device Information	Model	MV501G
	Weight	150g
	Dimensions	107mm(L) * 51mm(W) * 20mm(H)
	Charging Time	Around 7 hours
	Battery Working Time	Tracking Mode:1- 2 Days
Working Parameters	Working Voltage	DC 9-95V
	Working Current	4V/Average 45mA
	Sleep Current	4V/less than 5mA
	Battery Capacity	3.7V 1000mAh Lion Polymer battery
	Working Temperature	-20 °C - 75 °C
Cellular Specifications	Working Humidity	10%-85%RH non-condensing
	Working Frequency	4G LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 2G GSM/GPRS/EDGE: 850/900/1800/1900MHz
	SIM Card	Micro SIM Card
GNSS Specifications	Cellular Antenna	Built-in
	Positioning Type	GPS+BEIDOU+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
Position Accuracy	5-10m	

Vehicle GPS Tracker MV601G



Waterproof
IP67



4G+2G



Real-time
Tracking



Historical Route
Playback



Remotely
Cut Off/
Resume Fuel



Geo-fence



Overspeed
Alarm



Power
Disconnect
Alarm



Vibration
alarm



180mAh



ON / OFF
Engine On/
OFF Alarm



Movement
Alarm



Voice
Monitor



SOS
Panic Button



Waterproof
IP67

Device Information	Model	MV601G
	Weight	87g
	Dimensions	170mm(L) * 46mm(W) * 23mm(H)
Working Parameters	Working Voltage	DC 9-90V
	Working Current	4V/Average 45mA
	Sleep Current	4V/less than 5mA
	Battery Capacity	3.7V 180mAh Lion Polymer battery
	Working Temperature	-20 C - 75 C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	4G LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 2G GSM/GPRS/EDGE: 850/900/1800/1900MHz
	SIM Card	Micro SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+GLONASS+BEIDOU+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
	Position Accuracy	5-10m

Vehicle GPS Tracker MV700G



Easy To Install



Cost Effective



4G LTE+
2G GSM



Real-time
Tracking



Historical Route
Playback



Power Disconnect
Alarm



Geo-fence



Vibration
alarm



Blind Area
Data Storage



Movement
Alarm



Remote OTA
Upgrade



Overspeed
Alarm

Device Information	Model	MV700G
	Weight	57g
	Dimensions	79mm(L)*33mm(W)*16mm(H)
	Battery	Built-in 280 mAh 3.7V polymer battery
Working Parameters	Working Voltage	9-95V DC
	Working Current	12V/average 35mA
	Sleep Current	12V/average 10mA
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85% RH non-condensing
Cellular Specifications	SIM Card	Micro SIM
	Cellular Antenna	Built-in, FPC
	Working Frequency	Working Frequency (SA) 2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE-FDD: B1/B2/B3/B4/B5/B7/ B8/B28/B66 Working Frequency (EU) 2G/GSM: 900/1800MHz 4G LTE-FDD: B1/B3/B5/B7/B8/B20
GNSS Specifications	GNSS	GPS+BDS+GLONASS
	GPS Frequency	L1: 1575.42±1.023MHz
	BDS Frequency	B1:1561.098±2.046MHz
	Sensitivity	-162 dBm
	Satellite Channels	32
	Hot/Cold Start	<1s, <32s @ Open Sky
	Positioning Antenna	Built in ceramic dielectric antenna, 18*18*4mm
	Accuracy	<10m (1σ)

Vehicle GPS Tracker MV710G



Open Door Alarm



Cost Effective



4G LTE+
2G GSM



Real-time
Tracking



Historical Route
Playback



Remotely
Cut Off/
Resume Fuel



Geo-fence



Overspeed
Alarm



Vibration
alarm



9-95V Wide
Working Voltage



Movement
Alarm



Power
Disconnect
Alarm



Battery low
voltage alarm



ACC
Status
Detection

Device Information	Model	MV710G
	Weight	40g
	Dimensions	79mm(L)*33mm(W)*16mm(H)
	Battery	Built-in 60 mAh 3.7V polymer battery
Working Parameters	Working Voltage	9-95V DC
	Working Current	12V/average 35mA
	Sleep Current	12V/average 10mA
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85% RH non-condensing
Cellular Specifications	SIM Card	Micro SIM
	Cellular Antenna	Built-in, FPC
	Working Frequency	GSM/2G : 850/900/1800/1900MHz LTE/4G: LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B28/B66
GNSS Specifications	GNSS	GPS+BDS+GLONASS
	GPS Frequency	L1: 1575.42±1.023MHz
	BDS Frequency	B1:1561.098±2.046MHz
	Sensitivity	-162 dBm
	Satellite Channels	32
	Hot/Cold Start	<1s, <32s @ Open Sky
	Positioning Antenna	Built in ceramic dielectric antenna, 18*18*4mm
	Accuracy	<10m (1σ)
External Interface	ACC Detection	1
	Cut Off Fuel/Power	Standard
	Open door Alarm (optional)	1

Vehicle GPS Tracker MV810G



Open Door Alarm



Voice Monitor



SOS Alarm



4G LTE+2G GSM



Real-time Tracking



Historical Route Playback



Remotely Cut Off/Resume Fuel



Geo-fence



Overspeed Alarm



Voice Monitor



Vibration alarm



9-95V Wide Working Voltage



Movement Alarm



Power Disconnect Alarm



Battery low voltage alarm



ACC Status Detection



SOS

Device Information	Model	MV810G
	Weight	40g
	Dimensions	79mm(L)*33mm(W)*16mm(H)
	Battery	Built-in 60 mAh 3.7V polymer battery
Working Parameters	Working Voltage	9-95V DC
	Working Current	12V/average 35mA
	Sleep Current	12V/average 10mA
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85% RH non-condensing
Cellular Specifications	SIM Card	Micro SIM
	Cellular Antenna	Built-in, FPC
	Working Frequency	GSM/2G : 850/900/1800/1900MHz LTE/4G: LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B28/B66
GNSS Specifications	GNSS	GPS+BDS+GLONASS
	GPS Frequency	L1: 1575.42±1.023MHz
	BDS Frequency	B1:1561.098±2.046MHz
	Sensitivity	-162 dBm
	Satellite Channels	32
	Hot/Cold Start	<1s, <32s @ Open Sky
	Positioning Antenna	Built in ceramic dielectric antenna, 18*18*4mm
	Accuracy	<10m (1σ)
External Interface	ACC Detection	1
	Cut Off Fuel/Power	Standard
	SOS (optional)	1
	Open door Alarm (optional)	1
	Microphone	1

Vehicle GPS Tracker MV77G



4G LTE+
2G GSM



Real-time
Tracking



Historical Route
Playback



Ignition
Detection



Geo-fence



Overspeed
Alarm



Vibration
alarm



Voice
Monitor



Panic Button



Battery low
voltage alarm



Fast Charging
Design



Pull Out
Alarm

Device Information	Model	MV77G	
	Weight	41g	
	Dimensions	85mm(L)*49.2mm(W)*26mm(H)	
	Battery	Built-in 3.7V 50mAh Polymer Battery	
Working Parameters	Working Voltage	9-32V DC	
	Working Current	12V/65mA	
	Sleep Current	12V/Average 10mA	
	Working Temperature	-20°C - 75°C	
Cellular Specifications	Working Humidity	10%-85%RH	
	SIM Card	Nano SIM	
	Cellular Antenna	Built-in, FPC	
GNSS Specifications	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE CAT1:LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12 /B13/B18/B19/B20/B25/B26/B28/B66; LTE-TDD: B34/B38/B39/B40/B41	
	GNSS	GPS+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*2mm	
	Positioning Type	GPS+GLONASS+LBS+AGPS	
	Accuracy	Location accuracy:	<10m (1σ)
		Timing accuracy:	<30ns (1σ)
Speed accuracy:		<0.1m/s (1σ)	
External Interfaces	Charging Port USB-A	DC: 5V 2A/9V 2A	
	Charging Port USB-C	DC: 5V 2A/9V 2A	
	SOS	Support	

Vehicle GPS Tracker MV400G



- 
4G LTE Cat M1/NB1& 2G GSM Network
- 
Real-time Tracking
- 
Historical Route Playback
- 
Remotely Cut Off/ Resume Fuel
- 
Geo-fence
- 
Overspeed Alarm
- 
Vibration alarm
- 
Waterproof IP65
- 
Low Battery Alarm
- 
7-72V Wide Working Voltage
- 
SOS Alarm
- 
ACC Status Detection

Model	MV400G
Dimensions	89mm(L) * 37mm(W) * 12mm(H)
Operating Voltage	9-72V DC
Network	LTE / FDD, WCDMA, GSM, SMS
GSM Frequency	850/900/1800 / 1900MHz
GPRS	Class 12, TCP / IP
LED Indicator	GPS-Blue; GSM-Red
Hot / Warm / Cold Start	<3x, <15s, <60s
Main PCB	LTE Module
Built-in Battery	Embedded 3.7V / 140mAh battery for emergency alarm when removing main power
Accessories	Relay, Temperature Sensor, SOS, External Battery.
Work Current	<30 mA
Standby Current	<15 uA
IP Waterproof Level	IP65
Environment Temperature	-20 °C-65 °C
Environment Humidity	20% ~ 80% RH
Antenna	LTE Antenna Internal, GPS Antenna Internal
GPS Positioning Accuracy	5m-15m (Depending on GPS Signal)
GPS Frequency	L1, 1575.42MHz C / A code

Vehicle GPS Tracker MV401G




4G LTE-FDD+
3G WCDMA+
2G GSM/GPRS


Real-time
Tracking


Historical Route
Playback


Remotely
Cut Off/
Resume Fuel


Geo-fence


Overspeed
Alarm


Vibration
alarm


Waterproof
IP65


Power Disconnect
Alarm


GPIO or RS232
Expansion


SOS Alarm


ACC Status
Detection

Model	MV401G
Weight	46g
Dimension	89mm(L)*37mm(W)*12mm(H)
Operating Temperature	-20 ℃~+70 ℃
Working Voltage / Current	9-72V DC / 8mA (36V DC)
Built-in Battery	140mAh
TTF (Open Sky)	Abg, hot starts <3 sec Avg, cold starts < 35 sec
Location Accuracy	GPS: 5-15 meters; LBS: > 100 meters
GPRS	Class 12, TCP/IP
Standby Current	Power off (20uA); SLEEP (3mA); IDLE (22mA)
Working Current	GPRS (500mA); WCDMA (700mA); LTE (800mA)
Working Voltage	12 / 24 / 36 / 48 / 60 / 72 VDC
Frequency	LTE: FDD (B1/B2/B3/B4/B5/B7/B8/B28); TDD(B40) WCDMA: B1/B2/B5/B28 GSM: B2/B3/B5/B8

Vehicle GPS Tracker MV790G



4G LTE+
2G GSM



Real-time
Tracking



Historical Route
Playback



Remotely
Cut Off/
Resume Fuel



Geo-fence



Overspeed
Alarm



Vibration
alarm



9-90V Wide
Working Voltage



Movement
Alarm



Power
Disconnect
Alarm



Voice
Monitor



ON / OFF
Engine On/
OFF Alarm

Device Information	Model	MV790G
	Weight	52g
	Dimensions	90mm * 40mm * 14mm
	Backup Battery Working Time	1-2 hours
Working Parameters	Working Voltage	DC 9-90V
	Working Current	<30 mA
	Sleep Current	<15 uA
	Battery Capacity	3.7V 80mAh Lion Polymer battery
	Working Temperature	-20°C - 70°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE CAT1: B1/B2/B3/B4/B5/B7/B8/B12/ B13/B18/B19/B20/B25/B26/B28/B66/B34/ B38/B39/B40/B41
	SIM Card	Nano SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+GLONASS+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
	Position Accuracy	5-10m
External Interface	SOS, Microphone	

Vehicle GPS Tracker MV750G



IP67
Waterproof



Open Door
Alarm



4G LTE+
2G GSM



Real-time
Tracking



Historical Route
Playback



GPS+BDS
+GLONASS



Geo-fence



Overspeed
Alarm



Vibration
alarm



Door lock
& unlock



Anti
Detection



Remotely
Cut Off/
Resume Fuel



Battery low
voltage alarm



Door status
detection



ON / OFF
Alarm



Buzzer
alarm

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
Cellular Specifications	SIM Card	Nano SIM
	Cellular 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	Zhongke 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
	Accuracy	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

Vehicle GPS Tracker MV880G



Waterproof
IP67



Easy
To Install



4G LTE+
2G GSM



Real-time
Tracking



Historical Route
Playback



GNSS+LBS



Geo-fence



Overspeed
Alarm



Vibration
alarm



Battery low
voltage alarm



Big Ceramic
Antenna



Remote
OTA Upgrade



Network Blind
Area Data
Re-uploading



ON / OFF
Ignition On/
OFF Alarm

Device Information	Model	MV880G	
	Weight	104.3g	
	Dimensions	58*21*70mm	
	Battery	Ni-MH battery AAAAA200T*3 3.6V 200mAh	
Working Parameters	Working Voltage	9-95V DC	
	Working Current	12V/Average 34.90mA	
	Sleep Current	12V/Average 5.98mA	
	Working Temperature	-20°C - 75°C	
	Working Humidity	10%-85%RH	
	Built-in Memory	720pcs GPS data can be stored at network blind area	
	Cellular Specifications	SIM Card	Nano SIM
Cellular Antenna		Built-in, FPC	
Communication Module Model		SIMCOM A7670G	
Working Frequency		2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28/B66 LTE-TDD: B34/B38/B39/B40/B41	
GNSS Specifications	Positioning Module Model	Beken Corporation BK1661	
	GNSS Antenna	Built-in Ceramics GNSS Antenna, 35mm*35mm*4mm	
	GNSS	L1 Bands: GPS L1, Beldou B1, GLONASS G1	
	GPS Frequency	L1: 1575.42±1.023MHz	
	BDS Frequency	B1:1561.098±2.046MHz	
	Satellite Channels	120	
	Hot/Cold Start	<1s, <28s @ Open Sky	
	Positioning Type	GNSS+BDS+LBS+AGPS	
	Accuracy	Location accuracy:	<1.5mCEP
		AGPS First positioning time:	< 1.5 s
Timing accuracy:		<30ns (1σ)	
Speed accuracy:		<0.1m/s (1σ)	

Vehicle GPS Tracker MV880G PRO



Waterproof IP67



Remotely Cut Off/Resume Fuel



4G LTE+2G GSM



Real-time Tracking



Historical Route Playback



GNSS+LBS



Geo-fence



Overspeed Alarm



Vibration alarm



Power Disconnect Alarm



Bluetooth Configuration



Big Ceramic Antenna



Remote OTA Upgrade



Network Blind Area Data Re-uploading



ON / OFF Ignition Alarm



ACC Status Detection

Device Information	Model	MV880G PRO	
	Weight	116g	
	Dimensions	58*21*70mm	
	Battery	NI-MH battery AAAAA200T*3 3.6V 200mAh	
Working Parameters	Working Voltage	9-95V DC	
	Working Current	12V/Average 34.90mA	
	Sleep Current	12V/Average 5.98mA	
	Working Temperature	-20°C - 75°C	
	Working Humidity	10%-85%RH	
	Built-in Memory	720pcs GPS data can be stored at network blind area	
Cellular Specifications	SIM Card	Nano SIM	
	Cellular Antenna	Built-in, FPC	
	Communication Module Model	SIMCOM A7670G	
	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28/B66 LTE-TDD: B34/B38/B39/B40/B41	
GNSS Specifications	Positioning Module Model	Beken Corporation BK1661	
	GNSS Antenna	Built-in Ceramics GNSS Antenna, 35mm*35mm*4mm	
	GNSS	L1 Bands: GPS L1, Beidou B1, GLONASS G1	
	GPS Frequency	L1: 1575.42±1.023MHz	
	BDS Frequency	B1:1561.098±2.046MHz	
	Satellite Channels	120	
	Hot/Cold Start	<1s, <28s @ Open Sky	
	Positioning Type	GNSS+BDS+LBS+AGPS	
	Accuracy	Location accuracy:	<1.5mCEP
		AGPS First positioning time:	< 1.5 s
Timing accuracy:		<30ns (1σ)	
Speed accuracy:		<0.1m/s (1σ)	

Vehicle GPS Tracker MV901G



Waterproof
IP65



4G LTE+
2G GSM



Real-time
Tracking



Historical Route
Playback



Remotely
Cut Off/
Resume Fuel



Geo-fence



Overspeed
Alarm



Vibration
alarm



9-95V Wide
Working Voltage



Power
Disconnect
Alarm



Engine On/
OFF Alarm



Battery low
voltage alarm



ACC
Status
Detection

Device Information	Model	MV901G
	Weight	68g
	Dimensions	90.6mm(L)*34mm(W)*20mm(H)
	Battery	Built-in 3.7V 140mAh Polymer Battery
	Waterproof	IP67
Working Parameters	Working Voltage	9-95V DC
	Working Current	12V/Average 40mA
	Sleep Current	12V/Average 10mA
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH
	Built-in Memory	5000pcs GPS data can be stored at network blind area
Cellular Specifications	SIM Card	Nano SIM
	Cellular Antenna	Built-in, FPC
	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE CAT1: LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66;
GNSS Specifications	GNSS	GPS+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+LBS+AGPS
	Accuracy	Location accuracy: <10m (1σ) Timing accuracy: <30ns (1σ) Speed accuracy: <0.1m/s (1σ)
External Interface	Remote cut-off and resume fuel/electrical line, ACC detection	

4G

Relay GPS Tracker

MV730G, MV930G



Relay GPS Tracker

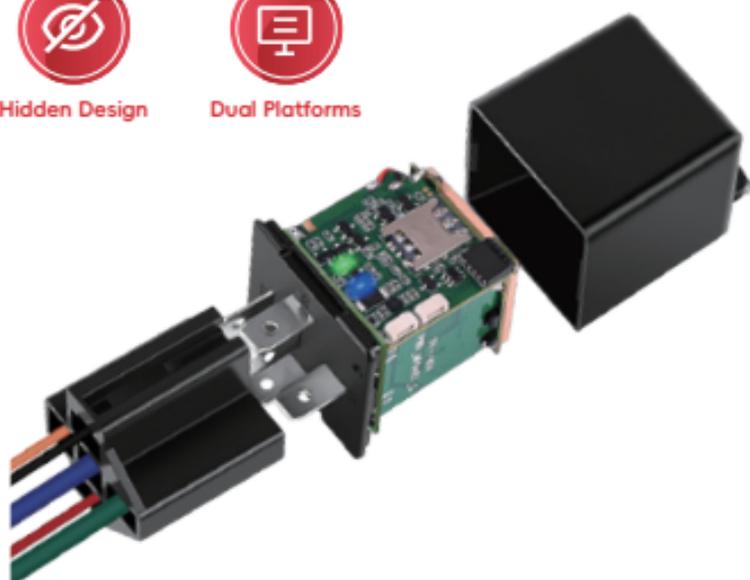
MV730G



Hidden Design



Dual Platforms



4G LTE+
2G GSM



Real-time
Tracking



Historical Route
Playback



Remotely
Cut Off/
Resume Fuel



Geo-fence



Overspeed
Alarm



Vibration
alarm



9-95V Wide
Working Voltage



Power
Disconnect
Alarm



Auto Arm
by ACC



Engine On/
Off Alarm

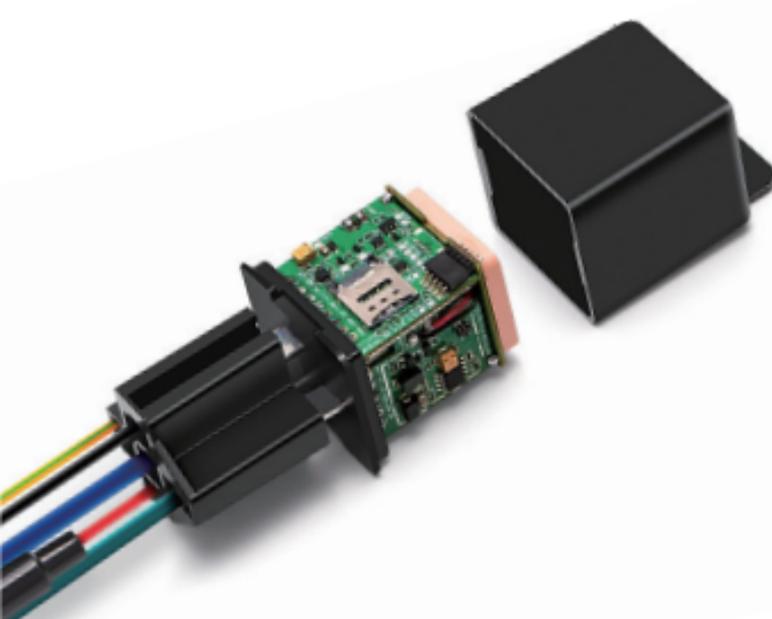


ACC
Status
Detection

Device Information	Model	MV730G
	Weight	40g
	Dimensions	72x30x34mm
	Battery	Built-in 80mAh Lithium Battery
Working Parameters	Working Voltage	9-95V DC
	Fuel Pump Power Line Voltage	5-30V DC
	Fuel Pump Power Line Current	Max 60 amps (Normally 20 amps)
	Working Power	Working Power: 1.2w; Sleep Power: 0.025w
	Working Temperature	-20 °C - 60 °C
	Working Humidity	5%-95%RH
Cellular Specifications	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE CAT1: B1/B2/B3/B4/B5/B7/B8/B12/ B13/B18/B19/B20/B25/B26/B28/B66/B34/ B38/B39/B40/B41
	Cellular Antenna	Built-in
	SIM Card	Nano Size
GNSS Specifications	GNSS	GPS+GLONASS+BDS+GALILEO+QZSS +SBA(WAAS, EGNOS, GAGAN, MSAS)
	Hot/warm/cold Start	<3s, <35s, <45s @ Open Sky
	GNSS Antenna	Built-in Ceramics GNSS Antenna
	Positioning Type	GNSS+LBS+AGPS
	Accuracy	GNSS Accuracy: <5M @ Open Sky LBS Accuracy: 200-2000m (Depend on density of base stations)

Relay GPS Tracker

MV930G



Hidden Design



4G LTE+
2G GSM



Real-time
Tracking



Historical Route
Playback



Remotely
Cut Off/
Resume Fuel



Geo-fence



Overspeed
Alarm



Vibration
alarm



9-95V Wide
Working Voltage



Power
Disconnect
Alarm



Battery low
voltage alarm



Engine On/
OFF Alarm



ACC
Status
Detection

Device Information	Model	MV930G
	Weight	70g
	Dimensions	76mm(L)*32mm(W)*32mm(H)
	Battery	Built-in 3.7V 60mAh Polymer Battery
Working Parameters	Working Voltage	9-95V DC
	Working Current	12V/Average 56mA
	Sleep Current	12V/Average 7.7mA
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH
	Built-in Memory	5000pcs GPS data can be stored at network blind area
Cellular Specifications	SIM Card	Nano SIM
	Cellular Antenna	Built-in, FPC
	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE CAT1:LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28/B66; LTE-TDD: B34/B39/B39/B40/B41
GNSS Specifications	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, 25*25*4mm
	Positioning Type	GNSS+LBS+AGPS
	Accuracy	Location accuracy: <10m (1σ) Timing accuracy: <30ns (1σ) Speed accuracy: <0.1m/s (1σ)

4G

OBD GPS Tracker

MV55G, MV33G



OBD GPS Tracker

MV55G



CANBus Reading



4G+3G+2G



4G WiFi Hotspot (Optional)



GPS+LBS



Real-time Tracking



Historical Route Playback



Geo-fence



Vibration alarm



Engine On/
OFF Alarm



Pull Out Alarm



140mAh



Movement Alarm



Overspeed Alarm

Device Information	Model	MV55G
	Weight	80g
	Dimensions	59mm(L) * 45mm(W) * 22mm(H)
	Battery Working Time	Tracking Mode: 1-2 hours
Working Parameters	Working Voltage	DC 9V - 50V
	Battery Capacity	3.7V 140mAh Lion Polymer battery
	Working Temperature	-20 C - 75 C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	MV55G(EU): 4G LTE-FDD: B1/B3/B7/B8/B20/B28; 4G LTE-TDD: B38/B40/B41; 3G WCDMA: B1/B8; 2G GSM/EDGE: B3/B8;
	SIM Card	Micro SIM Card
	Cellular Antenna	Built-in
		MV55G(AU): 4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8 /B28/B66; 4G LTE-TDD: B40; 3G WCDMA: B1/B2/B4/B5/B8; 2G GSM/EDGE: B2/B3/B5/B8;

OBD GPS Tracker

MV33G



- Compact Size
- 4G LTE+ 2G GSM
- Real-time Tracking
- Historical Route Playback
- Geo-fence
- Overspeed Alarm
- Vibration alarm
- 9-40V Wide Working Voltage
- Voice Monitor
- Engine On/OFF Alarm
- Pull Out Alarm
- Voltage Detection

Device Information	Model	MV33G
	Weight	40g
	Dimensions	47mm(L)x46mm(W)x25mm(H)
	Battery	Built-in 80mAh Lithium Battery
Working Parameters	Working Voltage	9-90V DC
	Working Power	Working Power: around 0.72w
	Working Temperature	-20 C - 60 C
	Working Humidity	5%-95%RH
Cellular Specifications	SIM Card	Nano Size
	Cellular Antenna	Built-in
	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE CAT1: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28/B66/B34/B38/B39/B40/B41
GNSS Specifications	GNSS	GPS+GLONASS+BDS+GALILEO+QZSS+SBA (WAAS,EGNOS,GAGAN,MSAS)
	Hot/warm/cold Start	<3s, <35s, <45s @ Open Sky
	GNSS Antenna	Built-in Ceramics GNSS Antenna
	Positioning Type	GNSS+LBS+AGPS
	Accuracy	GNSS Accuracy: <5M @ Open Sky LBS Accuracy: 200-2000m (Depend on density of base stations)
Main Features	4G+2G, Voice Monitor, Vibration Alarm, Movement Alarm, Geofence, Plug Out Alarm, Engine Start/Flameout Alarm, Battery Voltage Display etc.	



4G

Asset GPS Tracker

ML100G, ML920G, ML910G,
ML208G, ML300G, ML420G, ML500G,
ML808G, MP90G



Asset GPS Tracker

ML100G



Super Mini



4G LTE+2G
GSM



Real-time
Tracking



Historical Route
Playback



1500mAh



Voice
Monitor



Overspeed
Alarm



Geo-fence



Waterproof IP65



Movement
Alarm



Vibration alarm



Data Logger



Type-C

Device Information	Model	ML100G
	Weight	75g
	Dimensions	53mm(L)*31mm(W)*20mm(H)
	Battery	3.7V 1500mAh Li-Polymer Battery
	Working Voltage	DC 3.4V - 4.5V
	Working Current	4V/Average 55mA
	Sleep Current	4V/Average 6mA
	Waterproof Level	IP65
Working Parameters	Battery Life	Real-time Tracking mode: around 2-4 days; Power Saving Mode: around 5-7 days; Hibernate Mode: around 10-15 days
	Working Temperature	-20°C ~ 75°C
	Working Humidity	10%-85%RH
Cellular Specifications	SIM Card	Nano SIM
	Cellular Antenna	Built-in FPC Antenna
	Working Frequency	4G LTE CAT1: B1/B2/B3/B4/B5/B7/B8/B28/B66 2G GSM/GPRS: 850/900/1800/1900MHz
	GNSS	GPS+BDS
	GPS Frequency	L1: 1575.42±1.023MHz
	BDS Frequency	B1: 1561.098±2.046MHz
GNSS Specifications	Dimension of Antenna	18mm*18mm*2mm
	Satellite Channels	32
	Tracking Sensitivity	-162dBm
	Hot/Cold Start	<2s, <32s @ Open Sky
	GNSS Antenna	Built-in Ceramics GNSS Antenna
	Positioning Type	GNSS+LBS+AGPS
	Positioning Accuracy	GNSS Accuracy: <5M @ Open Sky LBS Accuracy: 100-2000m (Depend on density of base stations)
Main Features	4G+2G, Realtime Tracking, Vibration Alarm, Shift Alarm, Voice Monitor, Type-C Charge etc	

Asset GPS Tracker

ML920G



20000mAh



4G LTE+2G
GSM



Real-time
Tracking



Historical Route
Playback



20000mAh



Voice
Monitor



Overspeed
Alarm



Geo-fence



Waterproof IP65



Movement
Alarm



Vibration alarm



Superstrong
Magnetic



Teardown
Alarm

Device Information	Model	ML920G
	Weight	467g
	Dimensions	115(L)*65(W)*47(H)mm
	Battery	3.7V 20000mAh Li-Polymer Battery
Working Parameters	Battery Life	Real-time Tracking mode: 25-30 days; Power Saving Mode: around 60 days; Hibernate Mode: around 120 days
	Working Temperature	-20°C - 60°C
	Working Humidity	5%-95%RH
Cellular Specifications	SIM Card	Normal Size
	Cellular Antenna	Built-in
	Working Frequency	4G LTE CAT1: B1/B2/B3/B4/B5/B7/B8/B28/B66 2G GSM/GPRS: 850/900/1800/1900MHz
GNSS Specifications	GNSS	GPS+GLONASS+BDS
	Hot/warm/cold Start	<3s , <35s , <45s @ Open Sky
	GNSS Antenna	Built-in Ceramics GNSS Antenna
	Positioning Type	GNSS+LBS+AGPS
	Accuracy	GNSS Accuracy: <5M @ Open Sky LBS Accuracy: 100-2000m (Depend on density of base stations)

Asset GPS Tracker

ML910G



Device Information	Model	ML910G
	Weight	306g
	Dimensions	115(L)*65(W)*31(H)mm
	Battery	3.7V 10000mAh Li-Polymer Battery
Working Parameters	Battery Life	Real-time Tracking mode: 12-15 days; Power Saving Mode: around 30 days; Hibernate Mode: around 60 days
	Working Temperature	-20°C - 60°C
	Working Humidity	5%-95%RH
Cellular Specifications	SIM Card	Normal Size
	Cellular Antenna	Built-in
	Working Frequency	4G LTE CAT1: B1/B2/B3/B4/B5/B7/B8/B28/B66 2G GSM/GPRS: 850/900/1800/1900MHz
GNSS Specifications	GNSS	GPS+GLONASS+BDS
	Hot/warm/cold Start	<3s , <35s , <45s @ Open Sky
	GNSS Antenna	Built-in Ceramics GNSS Antenna
	Positioning Type	GNSS+LBS+AGPS
	Accuracy	GNSS Accuracy: <5M @ Open Sky LBS Accuracy: 100-2000m (Depend on density of base stations)

Asset GPS Tracker

ML208G



4G LTE+2G
GSM



GNSS+WiFi+LBS



Real-time
Tracking



BLE 4.2



5500mAh



Light Changing
Alarm



Geo-fence



Waterproof IP65



Movement
Alarm



Vibration Alarm



Low Power
Alarm



Temperature
Monitor

Device Information	Model	ML208G
	Weight	165g
	Dimensions	120mm(L) * 69mm(W) * 19.5mm(H)
	Battery Working Time	5500mAh Lithium Battery; 3.3-4.2V DC; Charge 5A@1A
Working Parameters	Work Current	LTE data (400mA);
		GPRS data (500mA)
		Idle(4mA);30uA(power off)
	Working Temperature	-20 C - 60 C
Working Humidity	20%-90%RH non-condensing	
Cellular Specifications	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz
		4G LTE CAT M1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/ B28
		4G LTE CAT NB1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/ B28
	SIM Card	Normal Size
	Cellular Antenna	Built-in
GNSS Specifications	Hot/warm/cold Start	<3s, <26s, <35s @ Open Sky
	GNSS Antenna	Built-in Ceramics GNSS Antenna
	Positioning Type	GNSS+WiFi+LBS+AGPS
	Accuracy	GNSS Accuracy: <2M @ Open Sky
		LBS Accuracy: > 200m (Depend on density of base stations)
	GNSS Band	1575MHz
	GNSS Module Certificates	GCF,CE,PTCRB,RCM,FCC,IC,JATE,Anatel,FAC,CCC
Bluetooth	BLE Version	BLE 4.2
	BLE Max Connections	24 Beacons

Asset GPS Tracker

ML300G



4G LTE+2G
GSM



Real-time
Tracking



Historical Route
Playback



2500mAh



Voice
Monitor



Overspeed
Alarm



Geo-fence



Waterproof IP65



Movement
Alarm



Vibration alarm



Data Logger



Type-C

Device Information	Model	ML300G
	Weight	132g
	Dimensions	78mm(L)*53mm(W)*14mm(H)
	Battery	3.7V 2500mAh Li-Polymer Battery
	Working Voltage	DC 3.4V - 4.5V
	Working Current	4V/Average 55mA
	Sleep Current	4V/Average 6mA
	Waterproof Level	IP65
Working Parameters	Battery Life	Real-time Tracking mode: around 4-6 days; Power Saving Mode: around 7-10 days; Hibernate Mode: around 15-20 days
	Working Temperature	-20°C ~ 75°C
	Working Humidity	10%-85%RH
Cellular Specifications	SIM Card	Nano SIM
	Cellular Antenna	Built-in FPC Antenna
	Working Frequency	4G LTE CAT1: B1/B2/B3/B4/B5/B7/B8/B28/B66 2G GSM/GPRS: 850/900/1800/1900MHz
	GNSS	GPS+BDS
	GPS Frequency	L1: 1575.42±1.023MHz
GNSS Specifications	BDS Frequency	B1: 1561.098±2.046MHz
	Dimension of Antenna	18mm*18mm*2mm
	Satellite Channels	32
	Tracking Sensitivity	-162dBm
	Hot/Cold Start	<2s, <32s @ Open Sky
	GNSS Antenna	Built-in Ceramics GNSS Antenna
	Positioning Type	GNSS+LBS+AGPS
Positioning Accuracy	GNSS Accuracy: <5M @ Open Sky LBS Accuracy: 100-2000m (Depend on density of base stations)	
Main Features	4G+2G, Realtime Tracking, Vibration Alarm, Shift Alarm, Voice Monitor, Built-in Magnet, Light Sensor, Type-C Charge etc	

Asset GPS Tracker

ML420G

*Cannot be charged



3-year battery life



4G LTE+2G GSM



Real-time Tracking



Historical Route Playback



4200mAh



Geo-fence



Anti Detection



Disassemble Alarm



Superstrong Magnetic



Network Blind Area Data Re-uploading



Low Power Alarm

Device Information	Model	ML420G	
	Weight	120g	
	Dimensions	73.5mm (L)*42.8mm(W)*31.2mm(H)	
	Built-in battery capacity	4200 mAh (3.0V Lithium Mn battery CR123A * 3)	
Working Parameters	Operating voltage range	DC 2.5 - 3.6V	
	working current	3V / average 75 mA	
	The dormant current	3V / less than 3 uA	
	Working Temperature	- 20°C - 75°C	
	Operating humidity range	10% - 85% RH non condensing	
Cellular Specifications	Communication Module	SIMCOM A7670 SA	
	SIM Card	Micro	
	Working Frequency	GSM/2G: 850/900/1800/1900MHz LTE/4G: LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B28/B66	
GNSS Specifications	GNSS	GPS+BDS+GLONASS	
	Cold start time	Average 32 seconds	
	Heat start time	Average 1 second	
	Tracking sensitivity	-162 dBm	
	Positioning antenna	Built-in antenna	
	Antenna specifications	L1: 1575.42±1.023MHz	
	Baidou frequency band	B1: 1561.098±2.046MHz	
	Accuracy	Positioning accuracy:	<10m (1σ)
		Time accuracy:	<30ns (1σ)
		Rate accuracy:	<0.1m/s (1σ)
Maximum speed	515m/s		
Maximum altitude	18000m		

Asset GPS Tracker

ML500G



Strong Magnetic



4G LTE+2G GSM



Real-time Tracking



Historical Route Playback



5000mAh



Voice Monitor



Overspeed Alarm



Geo-fence



Waterproof IP65



Movement Alarm



Vibration alarm



Superstrong Magnetic



Temperature Monitor

Device Information	Model	ML500G
	Weight	172g
	Dimensions	85mm(L) * 49mm(W) * 30mm(H)
	Charging Time	Around 7 hours
	Battery Working Time	Tracking Mode, 1 minutes' reporting: 10 days
Working Parameters	Working Voltage	DC 3.4V - 4.5V
	Working Current	4V/Average 45mA
	Sleep Current	4V/less than 5mA
	Battery Capacity	3.7V 5000mAh Lion Polymer battery
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	4G LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 2G GSM/GPRS/EDGE: 850/900/1800/1900MHz
	SIM Card	Micro SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+BEIDOU+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64

Asset GPS Tracker

ML808G



4G LTE+2G
GSM



Real-time
Tracking



Historical Route
Playback



10000mAh



Voice
Monitor



Overspeed
Alarm



Geo-fence



Waterproof IP65



Movement
Alarm



Vibration alarm



Superstrong
Magnetic



Low battery
Alarm

Device Information	Model	ML808G
	Weight	320g
	Dimensions	109mm(L) * 75mm(W) * 25mm(H)
	Charging Time	Around 12 hours
	Battery Working Time	Tracking Mode, 1 minutes' reporting: 15 days
Working Parameters	Working Voltage	DC 3.4V - 4.5V
	Working Current	4V/Average 45mA
	Sleep Current	4V/less than 5mA
	Battery Capacity	3.7V 10000mAh Lion Polymer battery
	Working Temperature	-20 C - 75 C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	4G LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 2G GSM/GPRS/EDGE: 850/900/1800/1900MHz
	SIM Card	Micro SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+BEIDOU+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
	Position Accuracy	5-10m

Asset GPS Tracker

MP90G



4G LTE+2G
GSM



Real-time
Tracking



Historical Route
Playback



3000mAh



Voice
Monitor



Overspeed
Alarm



Geo-fence



Waterproof IP65



Movement
Alarm



Vibration alarm



SOS
Panic Button



Low battery
Alarm

Device Information	Model	MP90G
	Weight	120g
	Dimensions	76mm(L) * 40mm(W) * 27mm(H)
	Charging Time	Around 6 hours
	Battery Working Time	Tracking Mode, 1 minutes' reporting: 5 days
Working Parameters	Working Voltage	DC 3.4V - 4.5V
	Working Current	4V/Average 45mA
	Sleep Current	4V/less than 5mA
	Battery Capacity	3.7V 3000mAh Lion Polymer battery
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH non-condensing
Cellular Specifications	Working Frequency	4G LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 2G GSM/GPRS/EDGE: 850/900/1800/1900MHz
	SIM Card	Micro SIM Card
	Cellular Antenna	Built-in
GNSS Specifications	Positioning Type	GPS+BEIDOU+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
Position Accuracy	5-10m	
External Interface	Microphone, SOS, Type-C Recharging	

Asset GPS Tracker

MS800G



Solar
Powered



Iridium
Communications



Device Information	Model	MS800G
	Weight	650g
	Dimensions	266(L)*81mm(W)*34mm(H)
	Battery	15600mAh (3.7V 18650*6P)
Working Parameters	Working Voltage	DC 3.4V - 4.5V
	Working Current	4V/Average 68mA
	Sleep Current	4V/Average 200uA
	Working Temperature	-20°C - 60°C
	Working Humidity	10%-85% RH
Cellular Specifications	Built-in Memory	5000pcs GPS data can be stored at network blind area
	SIM Card	Micro SIM
	Cellular Antenna	Built-in, FPC
	Communication Module	Quectel EG912U-GL
GNSS Specifications	Working Frequency	2G GSM/GPRS: B2/3/5/8 4G LTE-FDD: B1/2/3/4/5/7/8/12/13/17/18/19/20/25 /26/28/66 LTE-TDD: B34/38/39/40/41
	Positioning Module	Zhongke 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, 35mm*35mm*4mm
	Positioning Type	GNSS+BDS+LBS+AGPS
	Accuracy	Location accuracy: <10m (1σ) Timing accuracy: <30ns (1σ) Speed accuracy: <0.1m/s (1σ)
Iridium (Optional)	Frequency	1616 ~ 1626.5 MHz
	Max Transmit Message	340 bytes
	Max Receive Message	270 bytes
	Duplex Mode	TDD (Time Division Duplex)
	Antenna	Built-in ceramic antenna Dimensions: 25*25*4mm
External Interface	TYPE-C	

4G

Animal GPS Tracker

MP80G, MP50G



Animal GPS Tracker MP80G



4G LTE+2G
GSM



Real-time
Tracking



Historical Route
Playback



700mAh



Reply Google
Maps Link
After Calling



Activity
Monitor



Geo-fence



Waterproof IPX7



Magnetic
Charge



Find Pet by
Sound Light



Network Blind
Area Data
Re-uploading



Low battery
Alarm

Device Information	Model	MP80G
	Weight	42.2g
	Dimensions	75.8mm(L)*37.6mm(W)*19mm(H)
	Battery	Built-in 3.7V 700mAh Polymer Battery
Working Parameters	Working Voltage	3.4-4.5V DC
	Working Current	12V/Average 60mA
	Sleep Current	12V/Average 5mA
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH
Cellular Specifications	SIM Card	Nano SIM
	Cellular Antenna	Built-in, FPC
	Working Frequency	2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE CAT1: LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66
GNSS Specifications	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
	Positioning Type	GNSS+WIFI+LBS+AGPS
	Accuracy	Location accuracy: <10m (1σ) Timing accuracy: <30ns (1σ) Speed accuracy: <0.1m/s (1σ)
External Interfaces	Magnetic Charge Port	1 Channel
	Buzzer	1 Channel
	Led Indicator	Charge(Red), GPS(Blue), Cellular(Yellow), Seeking Pet(White)

Animal GPS Tracker MP50G



4G LTE+2G
GSM



Real-time
Tracking



Historical Route
Playback



4000mAh



Reply Google
Maps Link
After Calling



Activity
Monitor



Geo-fence



Waterproof IPX7



Magnetic
Charge



Find Pet by
Sound Light



Network Blind
Area Data
Re-uploading



Low battery
Alarm

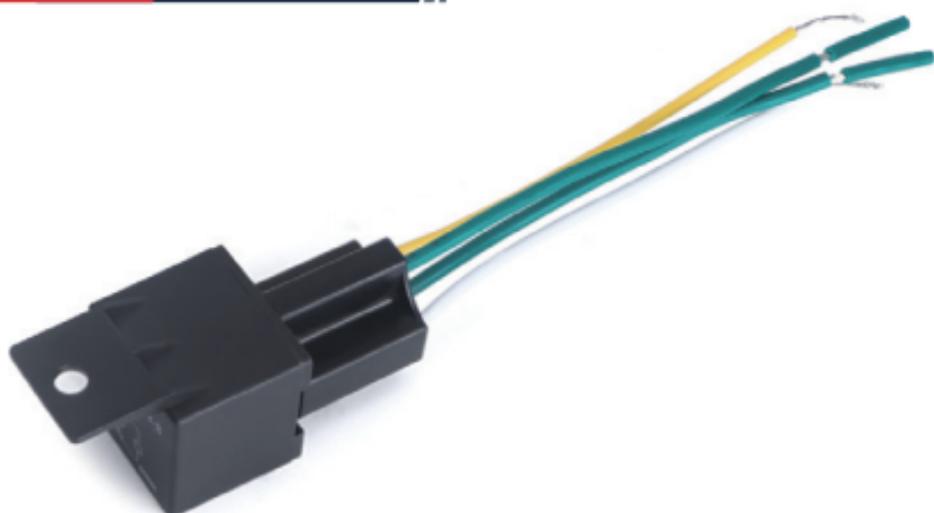
Device Information	Model	MP50G
	Weight	147.6g
	Dimensions	82mm(L)*37mm(W)*48mm(H)
	Battery	Built-in 3.7V 4000mAh Polymer Battery
Working Parameters	Working Voltage	3.4-4.5V DC
	Working Current	12V/Average 60mA
	Sleep Current	12V/Average 5mA
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH
	Cellular Specifications	SIM Card
Cellular Antenna		Built-in, FPC
Working Frequency		2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE CAT1: LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66
GNSS Specifications	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
	Positioning Type	GNSS+WIFI+LBS+AGPS
	Accuracy	Location accuracy: <10m (1σ) Timing accuracy: <30ns (1σ) Speed accuracy: <0.1m/s (1σ)
External Interfaces	Magnetic Charge Port	1 Channel
	Buzzer	1 Channel
	Led Indicator	Charge(Red), GPS(Blue), Cellular(Yellow), Seeking Pet(White)

Optional Accessories



Relay

REL12/REL24



Price

Applicable products

12V DC \$1

Vehicle GPS Tracker

24V DC \$1.5

2G: MV710, MV790, MV901N, MV901, MV110, MV208

4G: MV501G, MV710G, MV400G, MV401G, MV790G, MV901G

Microphone

MIC100



SOS

SOS110



Temperature sensor

MTS200



OBD extension cable

CBL100

16PIN 1 meter



Fuel Sensor

FS100



Working voltage	DC 5V
Working current	5-10mA
Detection range	100-1400mm(length is customizable, default: 600mm)
Lead length	1m(length is customizable)
Working temperature	-35°C~75°C
Digital Output	RS232
Accuracy class	1.0



DC-DC converter, 12/24V to 5V 3A Max

Weight	57g
Length of input cable	14cm
Length of output cable	50cm

Camera

CA200



Image sensor type	CMOS 1/2.7 inch
Image pixel	2 million
Pixel size	3.30um*3.30um
Output format	Standard JPEG/M-JPEG
White balance	Auto
Exposure	Auto
Gain	Auto
Dynamic Range	72DB
Frame	30fps @ 1280x1080
Lens focal length	Default 90 degree 3.6mm lens (30°-170° optional)
Image size	2.0Mp(1280*1080); 720pHD(1280*720); VGA(640*480) ; QVGA(320*240); QQVGA(160*120)
Night vision infrared	Support (18 lights, illumination distance about 3-5 meters)
Serial port speed	Default 115200 (9600,19200,38400,57600,230400,460800,921600 optional)
Working current	About 160mA (when the infrared light is not on), About 380mA (when the infrared light is on)
Working voltage	DC 5V
Waterproof	Indoor type IP65 (Outdoor type IP67)
Interface	RS485(A , B , GND , 5V), RS232, TTL are optional
Dimensions	Width: 77mm; Height: 94mm (including bracket); Thickness: 54mm

Camera

CA30



Imaging device	1/4 CMOS OV7725
Photosensitive area	3984um x 2952um
Effective pixels	300000
Grayscale	10
Minimum illumination	0.8 Lux / F2.0 (IR ON is 0 Lux)
Gamma coefficient	0.45
AGC	Auto
White balance	Auto
BLC	Auto
Signal to noise ratio	greater than 48dB
Communication Interface	RS232 (RS485 optional)
Baud rate	9600bps, 38400bps, 57600bps, 115200bps(Optional)
Picture output format	JPEG
Working current	90mA±10%
Working voltage	DC 5V±10%
Waterproof	Indoor type IP65 (Outdoor type IP67)
Lens	2.8mm F=2.0 (optional)
Field of view	90°
Dimensions	Width: 77mm; Height: 94mm (including bracket); Thickness: 54mm



Device Information	Model	MTS100
	Machine Net Weight	27g
	Dimensions	66.5mm(L) * 56mm(W) * 6.7mm(H)
	Color	Gray
	LED / Button	Blue LED / Power on; Red LED / Power off
Working Parameters	Battery	Lithium manganese battery, 1350mAh
	Battery Voltage	3 VDC
	Current	17uA(average) ; 4uA(standby) ; 1.1uA(power off)
	Blue Tooth	Bluetooth 5.0
	Broadcast Power	8db
	Broadcast Frequency	5s
	Transmit Length	500m in open environment
	Sensor Accuracy	± 0.5°C(0°C~65°C) ; ± 1°C(-20°C~0°C) ;
	Working Temperature	-20°C ~ 60°C
	Storage Temperature	-30°C ~ 80°C



Device Information	Model	MTH100
	Machine Net Weight	42g
	Dimensions	101mm(L) * 42mm(W) * 11.5mm(H)
	LCD Size	24.58mm X 24.58mm
	LCD Resolution	120*120px
Working Parameters	Battery Voltage	3 VDC
	Bluetooth Version	BLE5.0
	Temperature Measurement Range	-20°C ~ 60°C
	Temperature Measurement Accuracy	± 0.2°C
	Humidity Measurement Range	0% ~ 100% RH
	Humidity Measurement Accuracy	±2% RH
Local Storage Capacity	Up to 100,000 sets of data	

