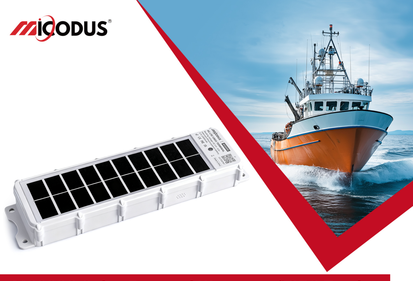


MS800G Solar-Powered Waterproof GPS Tracker

The MS800G is a 4G solar-powered tracker designed for the management of construction vehicles and vessels. Featuring the solar panel, magnetic charger, and IP67 waterproof rating, this device is ideal for a variety of deployments that require long standby time and continued optimal performance. LTE communication with GSM (2G) fallback ensures a solid connection in almost all cases. In addition to these features, multiple working modes, various peripheral accessories and the suite of event-triggered alerts will make the MS800G a ideal solution for your demands on such as logistics transportation, fishing vessel management, and mechanical and agricultural machinery management.

22.93oz(650g)

266(L)*81(w)*34mm(H)

-20℃ - 60℃

15600mAh (3.7V 18650*6P)

- 4G LTE+2G GSM
- Real-time Tracking
- Historical Route Playback
- Solar Powered
- SOS Emergency Call
- Temperature Monitor
- IP67 Waterproof
- Easy To Install
- 15600mAh Battery
- Overspeed Alarm
- Vibration Alarm
- Geo-fence
- Movement Alarm
- Low Power Alarm
- Remote OTA Upgrade
- Blind Area Data Storage

REGION
Worldwide

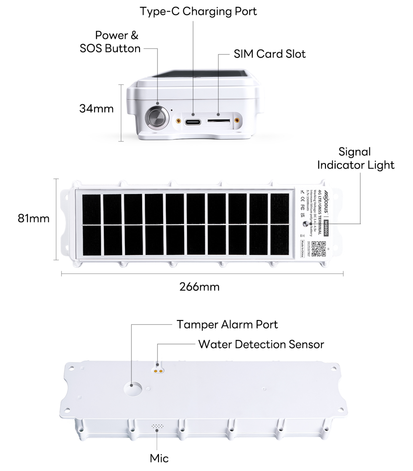
OPERATION BANDS
2G GSM/GPRS: B2/3/5/8
4G LTE-FDD: B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/66 LTE-TDD: B34/38/39/40/41

POSITION ACCURACY
GNSS Accuracy: < 10 meters

CERTIFICATES
CE, RoHS

Applications

Product Structure



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.

Product Specification

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
	Built-in Memory	5000pcs GPS data can be stored at network blind area
Celluar Specifications	SIM Card	Micro SIM
	Celluar Antenna	Built-in, FPC
	Communication Module	Quectel EG912U-GL
	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
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, 35mm*35mm*4mm
	Positioning Type	GNSS+BDS+LBS+AGPS
	Accurancy	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	

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