

# MA403

## GPS Asset Tracker

The MA403 is wireless GPS tracker with 2500mAh battery. It is utilized across a wide range of industries and scenarios where real-time location knowledge is crucial. It could be employed in private investigations, package delivery services, temporary vehicle tracking, long-distance transportation, and animal management. Thanks to its built-in strong magnetic feature, Product installation becomes effortless. Moreover, it would be effectively detected by the integrated light sensor when the device is being removed.



### Strong Positioning Systems

Support GPS & BDS & GLONASS & AGPS & LBS & WIFI positioning systems which can make vehicle positioning & trips more accurate and clearer.

### Multiple Working Modes

Allows the user to switch among different scenarios for real-time tracking mode or power saving mode.



### Global Network Coverage (LTE Cat1/LTE Cat M1/NB-IoT)

Global network coverage allows the device to track any vehicle in any place from the world.



### Tamper alert with Built-in Light sensor

An alarm will be reported to the monitor center once the devices is removed.



### Rapid and flexible installation

With its embedded magnet and compact size, the device can be easily installed in a variety of locations.

### Remote Listen-in(optional)

Built-in microphone enables remote audio monitoring of the device's surrounding environment.



<b>GNSS</b>	Positioning system	GPS & BDS & GLONASS & AGPS & LBS & WIFI
	Frequency	L1(GPS & GLONASS), B1(BDS)
	Positioning accuracy	<2M CEP
	Tracking sensitivity	-162 dBm
	Acquisition sensitivity	-148 dBm
	TTFP(open sky)	Avg. hot start ≤ 1s Avg. cold start ≤ 32s
<b>Cellular</b>	Communication network	LTE Cat1 & GSM(EU, LA, CN)
		LTE Cat M1 & NB-IoT & GSM(NA)
		LTE Cat 1(CN)
	Frequency	<b>MA403-EU:</b>
		FDD-LTE: B1/B3/B7/B8/B20/B28
		TDD-LTE: B38/B40/B41
		GSM: 850/900/1800/1900Mhz
		<b>MA403-LA:</b>
		FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B28/B66
		GSM: 850/900/1800/1900Mhz
<b>MA403-NA:</b>		
Cat M1:		
B1/B2/B3/B4/B5/B8/B12/B13		
B14/B18/B19/B20/B25/B26/B27/B28/B66/B85		
Cat-NB:		
B1/B2/B3/B4/B5/B8/B12/B13		
B18/B19/B20/B25/B26/B28/B66/B71/B85		
GSM: 850/900/1800/1900Mhz		
<b>MA403-CN:</b>		
FDD-LTE: B1/B3/B5/B8		
TDD-LTE: B34/B38/B39/B40/B41		
<b>Power</b>	Battery	2,500mAh/3.7V Industrial grade lithium polymer battery
	Working modes	Mode 1: Real time tracking mode
		Mode 2: Power saving mode Mode 3: Intelligent tracking mode
<b>Interface</b>	LED indication	GNSS(Blue), Cellular(Green), Power(Red)
	SIM	Nano SIM
	USB	Type-C
<b>General Specifications</b>	Dimensions	68*45.6*20.4mm
	Weight	108g
<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, Light sensor
	Mic	Built-in Mic for remote listen-in
	Supported events	Moving, Tamper, Geofence, Vibration, Low battery, etc.