

# MA405

## GPS Asset Tracker

The MA405 is an innovative and ultra-thin 4G card-style tracker. It is especially suitable for environments with limited room. Primarily used in the express logistics industry, this device can be effortlessly placed inside express paper boxes, foam boxes, or document envelopes to track goods. It can also be used as a handheld device. With its built-in light sensor, it can promptly detect any tampering and trigger alarms. Additionally, it comes equipped with a temperature and humidity sensor to monitor environmental changes during transportation.



### Strong Positioning Systems

Support GPS & BDS & GLONASS & AGPS & LBS & WIFI positioning systems which ensuring a continuous and reliable stream of location information.



### Multiple Working Modes

Allows users to switch between different scenarios for real-time tracking or optimizing battery usage.



### Rapid and Flexible Installation

Thanks to 9.5mm ultra-thin body design, the device can be effortlessly installed in various locations.



### Tamper Alert with Built-in Light Sensor

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



### Multiple Charging Options

Supports USB charging and optional magnetic docking station for charging.



### Temperature & Humidity Detection

Built-in temperature and humidity sensor for real-time collection of ambient data.

<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
	TTFF(open sky)	Avg. hot start ≤ 1s Avg. cold start ≤ 32s
<b>Cellular</b>	Communication network	LTE Cat1
	Frequency	MA405-EU: FDD-LTE: B1/B3/B5/B7/B8/B20/B28
		MA405-NA: FDD-LTE: B2/B4/B5/B12/B13/B66/B71
<b>Power</b>	Battery	1,200mAh/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(Orange)
	SIM	Nano SIM
	USB	Type-C
<b>General Specifications</b>	Dimensions	92*51.2*9.5mm
	Weight	65g
<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, Temperature and humidity sensor
	Supported events	Moving, Tamper, Geofence, Vibration, Low battery, etc.