

MA421

GPS Asset Tracker

The MA421 is a 4G Cat 1 Asset GPS Tracker which is ideally to be used as a backup device for Vehicle Anti-theft, Container Tracking, Vehicle Rental, Fleet management and Logistics transportation, etc. It's easy to hide anywhere in a vehicle thanks to its portability. It has a built-in 8000mAh rechargeable battery, and with a strong magnet, multiple operation modes can be flexibly set.



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/LTECat 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.



8,000mAh Rechargeable Battery

High-capacity battery supports long standby applications. It is easily recharged for re-deployment.



Remote Listen-in(optional)

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

GNSS	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
	TTFB(open sky)	Avg. hot start ≤ 1s Avg. cold start ≤ 32s
Cellular	Communication network	LTE Cat1 & GSM(EU, LA, CN)
		LTE Cat M1 & NB-IoT & GSM(NA)
	Frequency	MA421-EU:
		FDD-LTE: B1/B3/B7/B8/B20/B28
		TDD-LTE: B38/B40/B41
		GSM: 850/900/1800/1900Mhz
		MA421-LA:
		FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B28/B66
		GSM: 850/900/1800/1900Mhz
		MA421-NA:
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		
MA421-CN:		
FDD-LTE: B1/B3/B5/B8		
TDD-LTE: B34/B38/B39/B40/B41		
Power	Battery	8,000mAh/3.7V industrial-grade Li-Polymer battery
	Working modes	Mode 1: Real time tracking mode
		Mode 2: Power saving mode Mode 3: Intelligent tracking mode
Interface	LED indication	GNSS(Blue), Cellular(Green), Power(Red)
	SIM	Nano SIM
	USB	Type-C
Physical specification	Dimensions	102*68*25.5mm
	Weight	137g
Operating environment	Operating temperature	-20°C to +70 °C
	Operating humidity	5% to 95%, non-condensing
	IP Rating	IP65
Feature	Sensors	Accelerometer, Light sensor
	Supported events	Moving, Tamper, Geofence, Vibration, Low battery, etc.