



A21 GPS Tracker Specification

	Product positioning	Waterproof Mini GPS tracker
	Main features	Waterproof IP67 , Delicate appearance pendant, GPS + WIFI + LBS multimode precise positioning, static dormancy save electricity design, real-time positioning, intelligent monitoring , remote record function

1. structure division

structure parts	category	specification	remarks
	ID design	delicacy and smart	
	Whole machine size	52X38X16mm	
	Weight	36g	
	Colour	Color Optional	
	Button	one button (power/SOS button)	
	Screen	no	
	GPS antenna	High sensitive ceramics active antenna	

	GSM antenna	FPC antenna	
	Battery	1000mAh	
	SIM card slot	1 pc	
	G-sensor	support	
	I/O port	Magnetic suction charging	
2. Hardware parts			
Hardware parts	CPU	MTK MT2503A	
	GPS chip	MTK2503	
	GPRS	Class12	
	GPS signal	L1,1575.42MHz C/A	
	GPS channel number	22 channels	
	GPS chip receive sensitivity	Tracking:-165 dBm, capture:-148 dBm :	
	GPS location accuracy	5~10M	
	LBS location accuracy	100-1000M	
	Minimum standby	less than 0.5 mA	
	Average stndby current	less than 2.5 mA	
	Average working	around 55mA	
	Working temperature	-20~70℃	
	Working humidity	5% to 95% non-congealable	
	GPS antenna	Built-in high sensitivity FPC antenna	
	GSM antenna	Built-in four frequency method of antenna	
	Bluetooth	bluetooth 3.0 (Normal closed)	can support bluetooth 4.0 in future
	G-sensor	Support	
	MIC	Support	
3. software parts			
Software	Supported operating systems	Support android 2.3 and above system, IOS5.0 and above.	
	Call function	double talk/The remote monitoring	
	Language support	Simplified Chinese and English	Compatible with support for multi-languages
	GSM+GPRS+GPS	GPS+LBS+WIFI Multi-modal positioning	
	Support AGPS	Cold start 26 seconds positioning	
	Call function	SOS call, voice monitor, whitelist for don't disturb	
	Power management	Ultra-low power consumption of power	

Parts	One key emergency	SOS one key emergency function ,autodialing	
	Record function	choose the record function on the APP, and then the device can be record actomate, after record,will send back to APP directly.	
	Smart Geo-fence	Outside the range setting can be automatic alarm	
	Wireless upgrading	Software upgrade,remote debugging maintenance, remote setting parameters	
	Historical route	Can check history of three months	