



# SGT300

## GPS Personal Tracker



### GPS+AGPS+LBS positioning

Allow the location to be pinpointed accurately and rapidly



### Vibration and movement alert

Acquire instant alert when vehicle is vibrated or moved unexpectedly



### Geo-fence alarm

Create geofences in circle or rectangle for key locations



### Low battery & Shutdown notice

Receive notice when the device needs for charging



### SOS call & Speed-dial

Thumb sized button allowing urgent call during an emergency case



### Two-way communication

With MIC and speaker, it's easy to realize voice-monitor or two-way audio



### Intelligent power management

Reduce inefficient power consumption when device stays idle



### Tracked by: SMS, APP, Web

Report location in real time through different interfaces

## Application



The senior



Helicopter



Personal tracking

## GSM Specification

GSM frequency	850/900/1800/1900 MHz
GPRS	Class 12, TCP/IP
Memory	32+32Mb
Phase error	RMSPE<5,PPE<20
Max output	GSM850/GSM900:33±3dBm GSM1800/GSM1900:30±3dBm
Max frequency error	±0.1ppm

## GPS Specification

GPS chipset	MTK high sensitivity chip
Frequency	L1,1575.42MHz C/A code
GPS channel	66
Location accuracy	<10 meters
Tracking sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTF (open sky)	Avg. hot start ≤1sec Avg. cold start ≤32sec

## Function & Package

Voice monitor range	≤5 meters
Button	2xSpeed dial, 1xSOS, 1xMODE, 1xPower On/Off
Working voltage/current	3.7VDC/50mA
Charger voltage/current	5VDC/1A
Operating temperature	-20°C~ 60°C
Battery	1200mAh/3.7V
Standby time	10 days (Deep sleep mode)
Working time	15 hours (GPS working mode)
Calling time	5.5 hours
Dimension	73.0(L)*45.0(W)*16.0(H)mm
Weight	54g