

# Soontai IoT Applications



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# STM1-000

- GPS+LBS positioning
- Geo-fence alarm
- SOS call & Accidence detection
- Tracked by: SMS, APP, Web
- Voice monitor
- One way Communication
- Dual (TCP/UDP) Protocols
- M2M SIM Binding
- Rolling Dial to 3 Preset Numbers
- 90 day standby time



Soontai Technology Co., Ltd. innovative the smart tracker is a portable, personal GPS device that will help you monitor and protect your loved ones.

Its small and aesthetic form factor makes it very convenient to carry unobtrusively by the elderly, women, kids and even pets.

It comes with robust features such as an SOS alarm, falldown detection and even geofencing that can last long on a standby mode.

You can secure your loved ones through a convenient mobile app as well as a desktop interface.



# STM1-000 Personal Tracker Specifications

Network	GSM/ GPRS
Band	850/900/1800/1900 MHz
Radio type	IEEE 802.15
Data Rate	24Mbps
Output Power	33±3 dBm (GSM 850/900MHz), 30±3 dBm (GSM 1800/1900MHz)
Sensitivity	Class II RBER 2% (-102 dBm)
Power Consumption	Deep Sleep: 5µA (Typical)
Server Communication Protocol	TCP / UDP
GPS Tracking Sensitivity	- 165 dBm
Acquisition Sensitivity	- 148 dBm
Location Typical Time	≤2 sec (open sky), Cold start : ≤35 sec (open sky)
G-sensor Type	3 axis
SIM Slot	Micro SIM
Operation Tempure	-20°C~ +60°C
Humidity	5%~98%, non-dense
Operation Tempure	-20°C~ +60°C
Charging Voltage	DC 5 V
Battery	800 Mah, 3.7 V
Dimension	65(L)x45(W)x14.3(T) mm
Weight	26 g



# STG03010 Kids Phone/Tracker

- GPS+AGPS+LBS positioning
- Geo-fence alarm
- SOS call & Speed-dial
- Low battery & Shutdown
- Auto-mute mode on classes
- Vice monitor
- White list
- Tracked by: SMS, APP, Web



This Kids Phone, with GPS function for the student, enables parents know their kids' locations. It is a combination of low cost cell phones and wireless GPS tracking devices to students. At the same time, it supports SOS and family numbers, prevent strangers from calling in, making it an ideal personal guard for elementary student.



# STG03010 Personal Tracker Specifications

GSM Frequency	850/900/1800/1900MHz
GPRS	Class 12, TCP/IP
Memory	64Mb
Phrase error	RMSPE<5, PPE<20
Max Output	GSM850/GSM900 : 33+/-3dBm GSM1800/GSM1900 : 30+/-3dBm
Max Frequency Error	+/- 0.1ppm
GPS Frequency	L1 1575.42MHz C/A code
GPS Channel	66
Location Accuracy	<10 meters
Tracking Sensitivity	-165dBm
Acquisition Sensitivity	-148dBm
TTFF (open sky)	Avg. hot start≤2sec Avg. cold start≤32sec
Voice Monitor Range	≤5 meters
Battery	700mAh/3.7V lithium-polymer battery
Working Voltage/Current	3.7V DC / 75mA
Charging Voltage/Current	DC 5 V / 600mA
Calling Time	4 hours
Standby Time	120 hours (LBS report every 10 min) 8 hours (GPS report every 30 sec) 96 hours (GPS report every 30 min)
Operation Tempure	-20°C~ +60°C
Dimensions	90.0(L)x55.0(W)x7.8(H) mm
Weight	49 g

# Thank you



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