

## PERSONAL TRACKING

TRACK ANYTHING, ANYTIME, ANYWHERE

# GUARD

## Personal Tracker

If you require accurate real-time tracking and history tracks of security guards and/or any other staff at an estate or when patrolling national key points, Selftrack delivers a reliable tracking device that records every move in detail.



### Features & Advantages

- ✦ Panic button
- ✦ Water Resistant
- ✦ Low power consumption
- ✦ Quad band GPRS/GSM
- ✦ Internal Antennas
- ✦ 3-axis accelerometer
- ✦ Motion Detection

### GSM Specifications

Frequency	Quad band: 850/900/1800/1900 MHz Compliant to GSM phase 2/2+ - Class 4 (2W @ 850/900 MHz) - Class 1 (1W @ 1800/1900 MHz)
GPRS	GPRS multi-slot class 12 GPRS mobile station class B
RMS	Phase Error 5 deg
Max Out RF Range	GSM850/GSM900: 33. 0±2 dBm DCS/PCS: 30. 0±2 dBm
Dynamic Input Range	-15 ~ -108 dBm
Receiver Sensitivity	Class II RBER 2% (-107 dBm)
Stability of Frequency	<2.5 ppm
Max Frequency Error	±0.1 ppm

### GPS Specifications

GPS Chipset	u-Blox all-in-one GPS receiver
Sensitivity	Autonomous: -147 dBm Hot start: -155 dBm Tracking: -162 dBm
Position Accuracy	Autonomous: < 2.5m SBAS: 2.0m
TTF (Open Sky)	Cold start: 30s average Warm start: < 28s Hot start: < 1s

### Interfaces

Mini USB Connector	For external power and configuration
Power Button	Power on and power off device
Panic Button	Emergency alert
LED	Power, GPS, GSM

### General Specifications

Dimensions	68,5mm x 38,5mm x 23,5mm
Weight	60g
Internal Battery	Li-Polymer 1300 mAh
Standby Time	Without reporting: 400 hours 5 minutes reporting: 140 hours 10 minutes reporting: 180 hours
Charging Voltage	5V DC
Operating Temperature	-20°C ~ +55°C

### Air Interface Protocol

Transmit Protocol	TCP, UDP, SMS
Power On/Off Report	Report when device is powered on or off
Low Power Alarm	Alarm when battery is low
SOS/Emergency Alarm	SOS alarm when function key is pressed