



Personal GPS Tracker

Model: KY-GPS107

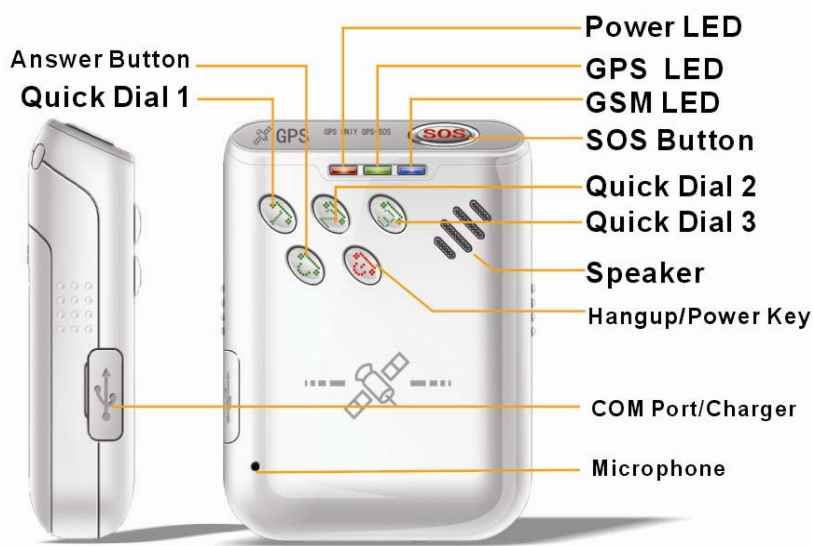
1. Product Overview

This Tracker provides peace of mind by showing you with your mobile phone or PC the location of your targets via SMS or GPRS.

TRACKER has the following features

- ◆ *Tracking via SMS or GPRS*
- ◆ *Current location report*
- ◆ *Tracking by time interval*
- ◆ *Two-way conversation*
- ◆ *SOS alert*
- ◆ *Geo-fencing control*
- ◆ *Low battery alert*
- ◆ *Speeding alert*
- ◆ *Four buttons for making phone call and/or sending message*
- ◆ *Removable and rechargeable internal battery*
- ◆ *Built-in speaker and microphone*
- ◆ *Live Voice monitoring*

Panel Description





2. Track Parameters& Panel Description

Item	Specification
Platform	MTK6223+MTK3326
Size	53.6×43.8×16.1 (mm)
Charging Voltage	DC 5V/500mA (Micro USB port)
Internal Battery	Rechargeable and removable 830 mAh battery (3.7V)
Operating temperature	-20° to 55° C
Humidity	5% to 95% Non-condensing
GSM module	GSM 900/1800/1900Mhz
GPS Chipset	latest GPS (AGPS)
GPS Sensitivity	-158Db
GPS Frequency	L1, 1575.42 MHz
C/A Code	1.023 MHz chip rate
Channels	20 channel all-in-view tracking
Position Accuracy	10 meters, 2D RMS
Velocity Accuracy	0.1 m/s
Time Accuracy	1 us synchronized to GPS time
Default datum	WGS-84
Altitude Limit	18,000 meters (60,000 feet) max.
Velocity Limit	515 meters/second (1000 knots) max.
Acceleration Limit	Less than 4g
Jerk Limit	20 m/sec
Work time	60 hours in sleep mode and 10 hours in normal mode
Call waiting time	48 hours (GPS signal depends on the conditions of site and network)
Communication time	8 hours
LED	3 LED indicators showing power, GPS, GSM status and other operation status.



3. Getting Started

3.1. Hardware and Accessories

- ◆ USB Power Cable
- ◆ User Manual
- ◆ Other document or software if required

3.2. First Use

Ensure that Track has a working SIM installed

- ◆ Check that the SIM has not run out of credit
- ◆ Check that the SIM Lock code is turned off
Use some other mobile phone to confirm that the PIN code Can not been set ,and that it can dial out and receive telephone calls, and that it can connect to internet by GPRS.
- ◆ Charge the battery for at least 3 hours in power-off status using the wall charger or car charger.
Red light is on during charging and is off when charging is complete.

4. Command List

Remarks: ***** is user's password and the default password is 000000.

Description	Command	Remarks
Select GPRS communication protocol	W*****,013,X	X=0 close GPRS X=1 open TCP X=2 open UDP
Get current location Google Earth format	W*****,051	Get current location of Tracker, Google Earth format
Get Chinese location	W*****,052	Get current location of Tracker, Chinese format
Get Google map link	W*****,100	Get current location of Tracker and Google map link, tracking by opening the link directly
Change user's password	W*****,001,## ####	***** is old password ##### is new password



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		Max 8 characters.
Set up the GPRS data report at interval time function	W*****,014,X XXXX	XXXXX is no more than 5 digits (unit : 10S) XXXXX=00000, close the function XXXXX=00001, GPRS data report at an interval time of 10S

Presetting by SMS for GPRS tracking (Ensure that your SIM card supports GPRS connection prior to setting)		
Set APN	W*****,011,APN,APN Name,APN Password,APN DNS,APN Second DNS	If no APN name and password required, just insert APN only; APN defaulted as 'CMNET'; APN + APN name + APN password + APN DNS + APN Second DNS not over 39 characters.
Set phone number for SOS and Dial number	W*****,003,F,P,T1,T2 <i>F=0, Close this function;</i> <i>F=1, only SMS alert;</i> <i>F=2, only calling alert;</i> <i>F=3, SMS and calling alert;</i> <i>P=1, setting SOS number;</i> <i>P=2, setting Dial 1 number;</i> <i>P=3, setting Dial 2 number;</i> <i>P=4, setting Dial 3 number;</i>	T1 and T2 is the telephone number for Wire tapping and max. 16 digits
Set phone number for wiretapping	W*****,030,T	T is the telephone number for Wire tapping and max. 16 digits