

Welcome to use our ET900 GPS/GPRS/SMS Personal/Pet tracking system, ET900 has 2 versions: with SOS emergency button for personal security; without SOS button for pet locating. With leather wrist band or dog collar. ET900 with built in Microphone for voice tapping. User just send a default command *GP010,0000 from mobile phone to listen the device.



Tracking

- Fixed time report
- Status report
- Report upon request
- GPS storage when GPRS disconnected,
- Support GPRS / SMS
- Battery/GPS/GSM LED indicators
- Emergency report
- Listening in
- Low battery alarm
- Geo-fencing alarm
- Speeding alarm
- Map link direct to mobile
- Support web software and PC software
- Optional wrist band or dog collar

Specifications

- GSM SIMCOM 850/900/1800/1900
- GPRS class 10, TCP/IP
- GPRS/GSM Module
- GPS 20 channels "All-In-View" tracking
- Cold/Warm/Hot start time: 42/38/1 sec.
- Superior sensitivity: -159dBm tracking
- Built-in rechargeable 900 mA/h Li-ion battery
- Ultra low power consumption:
- GPS/GSM Stand by time up to 70 hours
- Mini USB port for charging and data port
- Size: 5 X 4.4 X 1.9 CM
- Weight: 40G
- Package: white box

1. Package and Accessories

include charger, USB cable, manual wrist band or dog collar

2. Prepare to test

- (1). Fully charge for 3 hours, when the LED is off means battery is full .
- (2). Inset the SIM card (the SIM card should have both SMS and GPRS functions)
- (3). Turn on the tracker

3. How to configure the parameters

(1) Set by SMS

- A. Try to dial the tracker after turning on in 3 minutes, then you will get a reply including Google map link .
- B. Send `*GP018,<Password >` to reset, you will get the reply `*CR018,<Password>`
For example: Send `*GP018,0000` , reply `*CR018,0000`
- C. Send `*GP001,<center number>, <Password >` to set the center number, then you will get the reply `*CR001,<center number>`
For example: Send `*GP001,13927497492,0000` , reply `*CR001,13927497492`
- D. Send `*GP004,<ID number>, <Password>` to set the ID number, then you will get the reply `*CR004,<ID number>, <Password >`
For example: Send `*GP004,10000000001,0000`, reply `*CR004,10000000001`
- E. Send `*GP005,<master number>, <Password>` to set the master number then you will get the reply `*CR005,<master number >`
For example: Send `*GP005,13927497492,0000` , reply `*CR005,13927497492`
- F. Send `*GP006,<Password>` to get the single time position request
For example: Send `*GP006,0000` will get the reply
`*$GPRMC,[SIM,]092313.299,A,2238.8947,N,11355.2253,E,0.00,311.19,010307,0, "`
- G. Send `*GP012,,,,,<Time interval>,<Password>` to set the time interval to get the position by SMS, will return by `*CR012,,,,,<Time interval>,<Password>`
For example: Send `*GP012,,,,,120,0000` will get the reply `*CR012,,,,,120,0000` then you will get the position every 120 seconds from the tracker.
- H. Send `*GP007,<x>,<Password>` to set the speed limit will get the reply `*CR007,[SIM],<x>`
For example: Send `*GP007,6,0000` (Command: Limited speed=110Km/h)
- I. Send `*GPOF1<aaaa.aaaa,N,bbbb.bbbb,E,><xxxx.xxxx,N,yyyy.yyyy,E,><Password>` to set the Geofence.
Send `*GPOF10000.0000,N,00000.0000,E,0000.0000,N,00000.0000,E,0000` to cancel Geofence.
You will get the reply:
`*CROF1, [SIM,]aaaa.aaaa,N,bbbb.bbbb,E,xxxx.xxxx,N,yyyy.yyyy,E`
Parameters: `aaaa.aaaa,N,bbbb.bbbb,E`

SET FENCE LEFT-TOP POSITION

`xxxx.xxxx,E,yyyy.yyyy,E`

SET FENCE RIGHT DOWN POSITION

N = north, E=east

`<Password>`

Command password

For-example: `*GPOF12238.8900,N,11355.2300,E,2138.8900,N,11455.2300,E,0000`

(2) Set the parameters by setup program

setup program under development

4. How to make the device online

(1) Set the center number:

Send `*GP001,<center number>, <Password >` to set the center number, then you will get the reply `*CR001,<center number>`

(2) Set the ID number:

Send `*GP004,<ID number>, <Password>` to set the ID number, then you will get the reply `*CR004,<ID number>, <Password >`

(3) Set IP, Port, APN, User name and Password:

Send “*GP012,T,<APN>,<User name>, <Password>, <IP>, <Port>, <Time interval>, <Password>” to make the tracker online, then you will get the reply “CR012,T, <APN>, <User name>, <Password>, <IP>, <Port>, <Time interval>”

For example: Send “ GP012,T,CMNET,,,220.165.009.225,2332,120,0000”

reply”*CR012,T,CMNET,,,220.165.009.225,2332,120”

(4) Please login: www.webgpstracking.net

Enter your User name and password, then you will see your tracker online

**5. FAQ**

A:Why I always receive reboot message?

B:it is because you set the center number and master number. If you do not set this numbers, ET9000 will not send reboot message

A:Why I call the tracker, it hung up?

B:it is normal that when user call it, device hung up automatically, but will reply you a position report

A:Why the report I received is with V data?

B:It is because the device has not receive valid GPS signal yet. Please put the device in open area.

A:Why the tracker can't receive the GSM internet?

B:Please check is the tracker in the good communication area and check the SIM card inserted correctly or is it arrears?

A: Why GPS could not locate ?

B: Please check if the tracker is in the communication area, is it covered by metal?

A: Why I can't start the geo fence function ?

B: Please check if the tracker is in the communication area, is GPS led flashing ?

A: Why I can't dial out the SOS number?

B: Please press the SOS button for 2 seconds.

A: Why I can't get location by the time interval I set ?

B: Please check the command *GP012,,,,,,,<Time interval>,<Password> you set correct?

A: Why the tracker still can't be online in the websoftware?

B: Please check the ID, IP, Port, User name and Password all are set correct, check with the SIM card provider what's the correct APN, User name and Password of the SIM card in the tracker, is the SIM card opened GPRS function? The ID number need to set the same as SIM/UID number registered in your account.

A: Why my computer can't find the hardware after I connected the tracker to my computer when upgrade?

B: Please check did your computer installed the driver programs. Don't turn on the device before you connect to your computer, you have to press the Power button and don't release until finish the upgrading.

A: How is the led flashing if the tracker works normal ?

B: After power on 1-2 minutes, when device find GSM network, GSM LED will flash 5s each time, GPS need about 2-3 minutes to get signal, then GPS LED steadily on. When GPS go into sleep mode, LED off.