

User Manual of GPS tracker

Please read this manual carefully before attempting installation.

1. Notice before use

1.1 Check

Please check the accessories:

GPS tracker 1pc, User manual 1pc,
Screwdriver 1pc, Connecting string 1pc,
USB cable or charger 1pc.

1.2 Charging

- Connect the device to charger with USB cable. It needs 2~3 hours to charge.
- The device can work well during charging.

1.3 Install SIM card

- Only **Nano** SIM card accepted:



12mm x 9mm

Note: Make sure the GSM SIM card supplies all of the functions as blow :

1. Enough balance of the SIM card.
2. The 2G GPRS function.

3. The caller ID display function.
4. The voice call function.

1.4 Indicator light

Device status	Indicator light
Low battery	RED light for 5 secs
Charging	Solid RED light
Fully charged	Solid GREEN light
Press SOS button	Solid BLUE light
No GSM Signal	GREEN light for 5 secs
GPS positioning	BLUE light per 5 secs
Get GPS location	BLUE light for 3 secs
Get LBS location	GREEN light for 3 secs

2. Quick Start

2.1 Set APN

Normally, the device can search and set the APN automatically, or it can be set manually. Command format (All characters in English):

#apn#= MCC,MNC, APNName,

AccountName, UserName, Password#

Example: #APN#=460,02,cmnet,CMNET,

username,psw#

2.2 Set Server

To connect tracking platform, please send the SMS command to set the server.

Command format:

#host#=IP/Domain name,port#

Example: #host#=198.11.183.28,5088#

2.3 Login

Login mobile app to register and tracking the device. Details refer to user manual of mobile APP.

3. Command List

Server setting	
Format	#host#=IP/Domain name,port#
Example	#host#=198.11.183.28,5088#
Expected Result	Host set ok
APN Setting	
Format	#apn#= MCC,MNC, APNName, AccountName, UserName, Password#

Example	#APN#=460,02,cmnet,CMNET,user name,psw#
Expected Result	Apn set ok
Set IMEI number	
Format	#imei#= IMEI number#
Example	#imei#= 358740053091640#
Expected Result	IMEI set ok
Set SOS number	
Format	#SOS#= Num1,Num2,Num3#
Example	#SOS#=10086,10086,10086#
Expected Result	SOS set ok
Query the location	
Format	#where#
Example	#where#
Expected Result	GPS: http://maps.google.com/maps?q =N22.505970,E113.915984 The device will reply "NO Location

	data!” if it can’t get GPS location in 5mins.
Check status	
Format	#status#
Example	#status#
Expected Result	BT:099;GPRS:Link Up;GSM:High;GPS:OFF;IMEI:35765 3050468268;SERVER:198.11.183.28,5 088;VER:TR-2016-N02-V1.004;APN: 46000,cmnet
Voice Monitoring	
Format	#monitor#
Example	#monitor#
Expected Result	The device will call back. Voice monitor the device by answer the phone call.
Reset the device	
Format	#restart#
Example	#restart#
Expected Result	Device will execute the command without reply SMS.

Check Version	
Format	#version#
Example	#version#
Expected Result	TR-2016-N02-V1.004
Power Off Limited Function	
Format	# POWEROFF#
Example	# POWEROFF#
Expected Result	Device will execute the command without reply SMS.

4. Appendix

4.1 Battery security

Please use the original battery.

The warranty will be invalid by using any other accessory. The manufacturer will not take any responsibility for any damage caused by not using the original battery.

The new battery will achieve the optimal performance by fully-charging for 2 to 3 times. The battery can be used for hundreds of times, yet it will wear out eventually. When its talking time and standby time shrinks sharply, you need a new one.

Cut off power supply when not using the charger. Don't charge the battery for more

than one week, since over charging will reduce its using time.

Do not short-circuit the battery with metal stuff (such as the key in your pocket)

Do not bend or open the battery.

Do not put the battery into water or fire.

The battery should never be charged at temperature below 0 degrees or above 45 degrees Celsius.