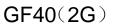
Asset GPS Tracker

User Manual







GF60(2G/4G)



GF70 with Solar Panel(2G/4G)

Description

Asset tracker is a rechargeable GPS tracker with strong magnets and long standby battery. Only need insert Sim card, it will upload GPS location based on movement or preset frequency automatically. With a mini microphone built-in, device also support one way calling remotely.

Production Application

- Personnel safety tracking
- Fleet management and vehicle tracking
- Car service shop/Car rental
- Vehicle insurance
- Motorcycle and electric bike tracking
- ◆ Asset/container tracking management

Production Features

- ◆ Wireless magnetic design, 0 installation.
- Waterproof design (for GF60, GF70 serials).
- Live positioning and tracking through web platform/APP.
- Multi-working modes.
- Anti-tamper alarm.
- ◆ Geo-fence/Low battery alarm/Vibration alarm.
- ◆ Remote voice listen-in (optional).
- Rechargeable Battery.
- ◆ 12V vehicle charging cable. (optional)

Specs.

Model GF40 69*43*20cm	3000mAh 2G			
Model GF60 120*83*29cm	10000mAh 2G or 4G, Anti-Removal alarm			
Model GF70 152*83*35cm	10000mAh 2G or 4G, Anti-Removal alarm, Solar Panel			
GSM Specification				
2G GSM frequency	850/900/1800/1900MHz(2G version)			
	Latin-US version:			
	LTE-FDD B1/B2/B3/B4/B5/B7/B8/B28/B66			
4G LTE bands	LTE-TDD B34/B38/B39/B40/B41			
	Asia version: LTE-FDD: B1/B3/B5/B8/			
	LTE-TDD: B34/B38/B39/B40/B41			
GPRS	Class 12, TCP/IP			
Memory	32 + 32 Mb			
Phase error	RMSPE<5,PPE<20			
Max output	GSM850/GSM900:33±3dBm ,GSM1800/GSM1900:30±3dBm			
Max frequency error	±0.1ppm			
Receive sensitivity	Class II RBER2%(-102dBm)			
GPS Specification				
Chipset	set 2G version MTK6261(GSM)+AT6558R(GPS)			
	4G version SIMCom LTE Cat 1 A7670 Series+AT6558R(GPS)			
Frequency	GPS L1, 1575.42 MHz C/A code			
Channel	66			
Location accuracy	<10 meters			
Tracking sensitivity	-165dBm			
Acquisition sensitivity	-148dBm			
TTFF (open sky)	Avg. hot start ≤1sec			
	Avg. cold start≤32sec			
Others				
Antenna	Built-in quad band GSM antenna, GPS ceramic antenna			
Charging voltage	5VDC			
Working current	100uA~100mA			
Battery	rechargeable 3000mAh/10000mAh/12000mah Lithium battery			
Standby	1~90 days depends on activities			
Operating temperature	-20℃~+70℃			
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Light	Signal	Normal	Abnormal
Green	GSM	Constant on	Flashing
Blue	GPS	Constant on	Flashing
Red	Power	Constant on: charging	Turn off: charged full

After power on 3 minutes, light will turn off and enter light sleep.

SMS Command List

SMS Function	SMS Command format	SMS example			
 ★ Please don't type "+" "space", password 123456 ★ Preset Center Number first before testing SMS or Phone Call alarm mode. ★ Each SMS must reply"OK" represent command successfully. 					
Mode 0: Real-time	MD123456+space+0	GPS always ON consume battery fast!			
Mode 1: Power saving mode(Default)	MD123456+space+1+space+work time+space+8+space+online or offline mode	MD123456 1 3 8 1 2nd "3": work time, unit: minute 4th "1": device will disconnect from server and show offline status; if put 0 device won't disconnect from server and show online status.			
Mode 2: Clock mode	MD123456+space+2+space+work time+space+wakeuptime+space+wakeuptime	MD123456 2 3 8:00 14:00			
Mode 3: interval mode	MD123456+space+3+space+wor k time+space+ sleep time	MD123456 3 3 120			
Check working mode	MD123456				
Set IP Port	adminip+password+space+IP Address+space+port number	adminip123456 www.gps2828.com 7018			
Set APN	apn123456+space+LocalApn+spa ce+ApnName+space+ApnPasswo rd	apn123456 internet			
Set fall-off alarm	remove123456+space+1	remove123456 1			
Cancel fall-off alarm	remove123456+space+0	remove123456 0			
Set Time Interval	ITV123456+space+time interval(s)	If 60s , send SMS: ITV123456 60			
Set center number	centernum123456+space+phone number	centernum123456 13712345678 no need put country code			
Cancel center number	centernum123456				
Set low battery alarm	lowbat123456+space+1	lowbat123456 1			
Cancel low battery	lowbat123456+space+0	lowbat123456 0			
Set SMS time zone	timezone123456+space+(timezon e*60)	If+5.5:timezone123456 330			
Check device status	check123456	check GPS GSM status			

	KC123456+space+1	APP alarm (default)
Set alarm mode	KC123456+space+2	APP+SMS alarm
	KC123456+space+3	APP+SMS+PhoneCall alarm
Set vibrate alarm	vibrate123456+space+1	Must keep continuously static 3
Cancel vibrate alarm	vibrate123456+space+0	minutes before vibration
Set Voice listen	Monitor13456	
Cancel voice listen	Tracker123456	default
Set factory mode	begin123456	It will erase all setting

Real time Tracking Software

Web: <u>www.gps16888.com</u>

Android & IOS APP: SecumorePlus

Default to use IMEI number login, password as 123456.

