GPS Tracker
Manual

Model:MT66

Preface

Thank you for purchasing the tracker. This manual shows how to operate the device smoothly and correctly. Make sure to read this manual carefully before using this product. Please note that specification and information are subject to changes without prior notice in this manual. Any change will be integrated in the latest release. The manufacturer assumes no responsibility for any errors or omissions in this document.

1. Summary

Working Based on existing GSM/GPRS network and GPS satellites, this product can locate and monitor any remote targets by SMS or internet. The most advanced technology of GPS and AGPS dual positioning. The waterproof level achieve IPX - 6.

2. Applications

- Vehicle rental / Fleet management etc
- Outdoor sports
- Protect children / elder/ Asset/ pet and so on
- Provide peace-of-mind for businessmen
- Personnel Management
- Criminals Tracking

3.Hardware Description

Led

Power Switch

Sos button

Charger Pin
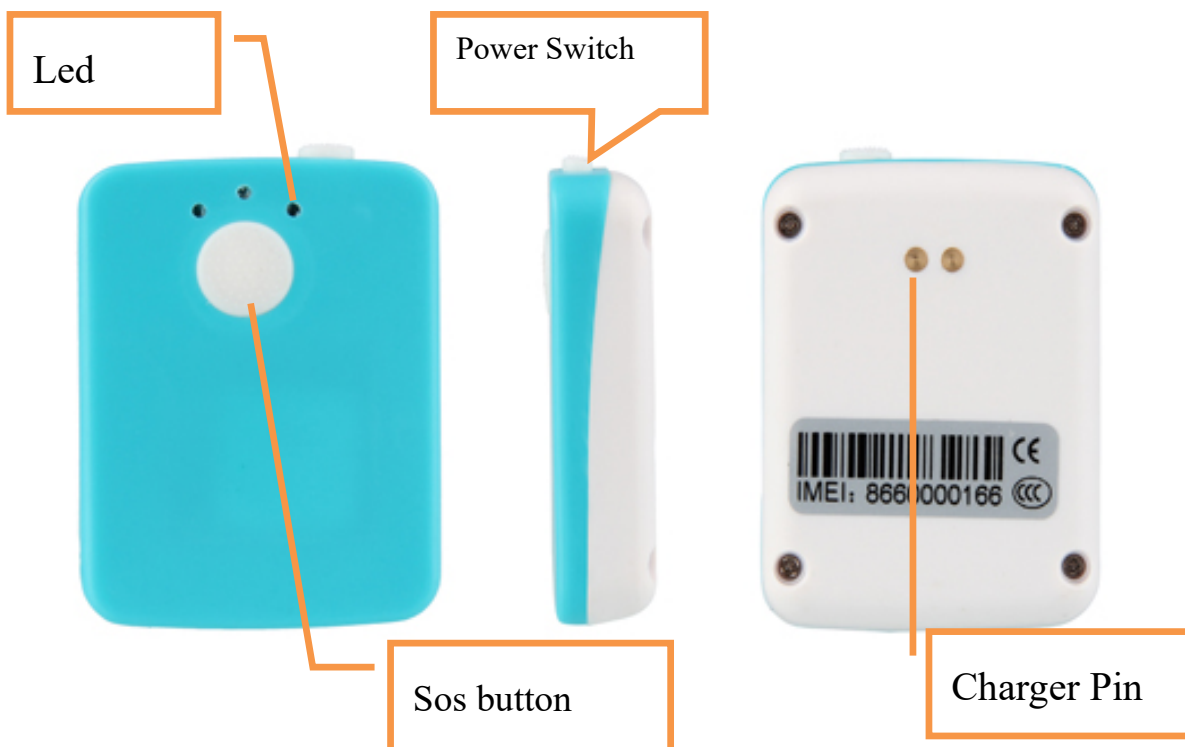
Standard   Accessories   **Optional   Accessories:**

4.Specs

Content	Specs.
Dim	50mm x 38mm x 13mm
Weight	30g
Network	GSM/GPRS
GSM Band	850/900/1800/1900Mhz
GSM chip	SIMTK6260
GPS chip	UBLOX
GPS sensitivity	-159dBm
GPS accuracy	5m
Cold start	35-80s
Warm start	35s
Hot start	Hot status 1s
Car charger	Input: 12~24V , Output: 5V
Wall charger	Input: 110~220V ; Output: 5V
Battery	Li-ion battery :3.7V, 500mAh
Standby	240 hours
Storage Temp.	-40°C to +85°C
Operation Temp.	-20°C to +55°C
Humidity	5%--95% non-condensing

5.Userage:

5.1 SIM card installation

-- Open the cover, remove the screws by screwdriver,and insert GSM simcard:

--Push back the cover and install the screws.
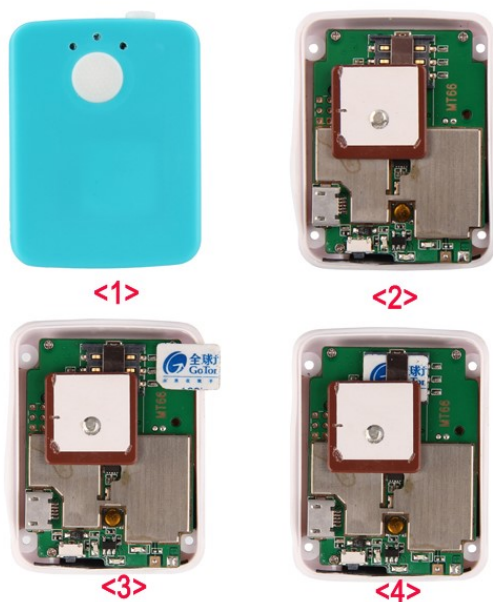
5.2 **Battery and Charger**

--First time to use:Keep in charged the battery for 8~12 hours
--After first use,the battery usually should be charged fully
  between 3~5 hours.

Cautions:

a: For it's Li-ion battery, which contains harmful chemicals and may burst, please don't bump, puncture it violently and keep it off fire.

b: Please charge the battery in time to keep it working normally.

6.**Startup**
1).Power on gps unit:
    Insert the SIM card
    Turn on the unit outdoors by pressing the Power on button until the indicator is on.
    In 10~40 seconds, the unit will begin to work and acquire the GSM signals as well as the GPS signal.

2).Indicators status:

Green LED: GPRS working status

Status	Meaning
flashing	GSM / GPRS signal fine
On	No GSM signal
off	GPS power off/In sleep

Blue LED: GPS working status

Status	Meaning
flashing	GPS signal Fine
on	No GPS signal
off	GPS power off/In sleep

Red LED for power charging status

Status of indicator	Meaning
Red led on	Charging
red led flash	Low battery
red led off	Full battery or charged full

3) Set GPS parameters via sending sms commands

3.1.Set admin phone

   SMS format: admin123456 0086138********

   Example:admin123456 008613510460105

   Delete admin number:

   SMS format:noadmin123456 phonenumber

   Example:no admin123456 13510460105

   Reply sms: noadmin ok

Note1: The other admin numbers should be set by the first authorized number. If the number is successfully authorized, the unit will reply "admin ok!" in SMS.

Note2: Note:country code should be added in front of phone number)

3.2 Set apnname &account of simcard

SMS format: apn123456 apn
SMS format:apnuser123456 user
SMS format:apnpassword123456 password
Example:apn123456 cmnet
If no account&password for apn,only apn should be set

For apn info,use can check from your GSM simcard provider or internet;You also can visit our website for reference:*APN around the world*

3.2 Realtime tracking

SMS format: sleep123456 shock
GPS reply"shock ok"
When GPS is this mode,GPS will keep working when there is movement/sms/caling

3.3 Set upload time
SMS format: upload123456 30
GPS reply"upload ok "(10~300,unit: seconds)

3.4 Tracking on platform&Phone app

Login platform/phone app with the account we provided to track position realtime.If no account,please send us your GPS devices' IMEI number,and we will get back to you with accounts

4. Alarms setting

4.1 Set sos alarm numers
SMS format: Sos123456 0086138********
After you set successfully,GPS will reply to you by sms:sos ok

4.2 set overspeed alarm
SMS format:speed123456 80
(unit: km/h, rang:50~120)

4.3 Set geo-fence alarm
This function should be set on app or platform.

5.Tracking by SMS:

 SMS format:123#
 GPS reply:street name,city name ,country name.
 Or google map link as below:
1.Google link: URL
2.V:A GPS signal ok. V:V :No GPS signal
3.2014-04-18 02:17:15:GPS Time
4.S:000km/h: Speed of tracker
5.Bat:6:Battery Level（Range :1 ~9）
6.ID:4102000759: ID Number of GPS

6.Other Operations (Default password: 123456)

Change password
SMS format: password+old password+space+new password
   Example: password123456 666888
   it will reply sms: "password OK"
   (Note:password should be 6 digits Arabic numbers.There is one space between new&old passwords)

8.0.Commands List:

Feature name	Active Command	Reply	Cancelother format) Command	Reply
Set admin number	admin123456 0086138**** admin:SMS command 123456: GPS password One Space 0086: Country code(+86) 138138**** :Owner's mobile number	Admin ok	**noadmin123456 008618*****	noadmin ok
Change password	password123456 666888	password OK	(There is one space between new&old passwords)	
Inquiry Location	123#	Google map link	Click on google map link to get location on map	
Overspeed	speed123456 80 (50~120 km/h)	speed ok (80km/h)	**nospeed123456**	nospeed ok
Move alarm	move123456 500 (100~5000m)	move ok	**nomove123456**	nomove ok
Shock alarm	shock123456	shock ok	**noshock123456**	Noshock ok
Sleep in time mode	Sleep123456 5 There is space between 123456 and 5	Sleep time ok	Tracker will be in sleep mode after 5 minutes working,can be woke up by calling ,sms and pressing buttons.	
Shock sleep mode	sleep123456 shock <There is space between 123456 and shock>	sleep shock ok <Tracker will work when gps moves>	**sleep123456 off**	sleep off ok
Restart Device	RST	GPS will restart	**factory**	Reset to be factory settings
Add sos number	SOS123456 0086138**** Sos:SMS command 123456: GPS password One Space 0086: China country code 138138**** :sos numbers	SOS number ok	**nosos123456**	Nosos ok
Set Ip and port <No need set >	adminip123456 113.10.245.151 8083		adminip ok <Using our platform,no need to set>	
Set APN	apn123456 cmnet	APN OK	**apnuser123456 user apnpassword123456 apnpassword**	APN OK
GPRS interval time	upload123456 30 (10~300 seconds)	upload ok	**upload123456 300**	upload ok
Time Zone	timezone123456 2	Time ok	**timezone123456 -3**	Time ok
Language Default:English	LAG1	Switched to English	**LAG2**	Switched to Chinese

Cautions

9.1 Keep the unit dry. Any liquid, i.e. rain, moisture, may destroy or damage the inside circuitry.

9.2 Don't use & store the unit in dusty places.

9.3 Don't put the unit in overheated or overcooled places.

9.4 Handle carefully. Don't vibrate or shake it violently.

9.5 Clear the unit with a piece of dry cloth. Don't clean in chemicals, detergent.

9.6 Don't paint the unit, this may cause some foreign materials left in between the parts.

9.7 Don't disassemble or refit the unit.