

5.7 Delete the center number MS command to the device to delete the center number he command is: CENTER OF he command is:CENTER.D# or example:CENTER.D# set successfully, there is an "OK" reply SMS.

NOTE: Only the SOS number can be used to delete cente number successfully. Only SOS phone number can send this command successfully to set the center number. There is only one center number can be set.

5.8 Check parameter setting Send command to the terminal, you can check the Command format: PARAM# s.g.: PARAM#

Timer 10,10; —GPS data uploading Interval: SENDS:5; — the GPS working time when ACC is OFF; SIOS: 1984/2703401; — SOS numbers, maximum 3 SOS numbers can be set and used for salam and monotoling; Center Namber: 1984/2704401; —coty 1 center number can be set and used for cutting of freedoring of commands. Sensorate: 10,15,180 — detect 5 whateron in 10s; the alarm delay is

190s;
Defense time: 10; — the defense delay is 10 minute;
TimeZone:E,8,0; — set time zone; default as E8.
The melled information contains IMEI number: GPS data upload. sterval, SENDS, SOS, center number, sensorset time interval,

//GPRS on/off status// //APN setting information/

Server:1,eg106 szdatasouros.com,8841.0; //platform informat UPQ:http://maps.google.com/maps?q=; //preset web link setting information //

5.10 GPS data uploading interval

5. TU GPS data Uploading interval when ACC ON, the default sending interval is 10.10 it means when ACC ON, the dericks will upload positioning data to platform server every 10s when ACC OFF, the device will upload positioning data to platform server every 10s.
Users can modify sending interval by SMIS
TRIMED thread (perpendic) time/Steppedobil*

**TIMER_Rimer(seconds), time2(seconds)#*
The time18thm22 ranges from 10-18000s
For example:TIMER_10.20#
It means when ACC On the device will upload positioning data to
platform sonver every 10s.when ACC OFF, the device will upload
positioning data to platform server every 20s.

5.11 Sensor alarm time setting When the vertice power is off and ACC is in low-level, FACC is of over 10 minuse, his device will enter sensor alarm state. In this case, if the vehicle vibrales for a few times, it will activate the vibration stame system. If the vehicle statep is self to cot (ACC is in low level) with a same system. If the vehicle statep is self to cot (ACC is in low level) with a samulae, the device will start vibration alarm. SMS formst: DEFSINELIMEE(minuse)** If the time ranges from 1 o 60 mins.
for example: DEFENSE, 15#. It means when ACC is in low level for (5mins, it will enter sensor alarm status (vehicle power is off)

NOTE: 1. Preset SOS numbers when send SMS alarm messages and Cats.

2. If there is no need for vibration alarm, please SMS SENALM,OFF# to close it.

5.12 Restore to factory setting SMS command format: "FACTORYN" to set all parameter to default factory value. Once received "OK", it succeeds.

5.13 Reboot device When there is comething wong with the link of GPRS, e.g., The parameter setting of the device is correct, but you can't track the on the gettern. At this moment you can send a command to the device in reboot the device. The forms is: NESETY After receiving this command, the device will reboot after 1 mins.

6. Operation of device
6. 1 Power on IP Power of IP
Power on One Power on IP Power on IP
Power on One Power on IP
Power on One Power IP
Power on One IP
Power on One IP
Power on One IP
Power IP

6.2 Check location
1. Via SMS
1. SMS
1.1 SMS "YHEREE"; to the SIM number of device. The device will send a location message automatically. You can get the containess. If the device does not search any information of Example, I will send "No data" to the cell phone.

Example: _at:N22.571285,Lon:E113.877115,Course:42.20,Speed:0 0740,DateTime:10-11-23_22:28:51

1.2 SMS "URLs", to the SIM number of device. The device will send a location Google Map link. If the device does not search any information of location, it will send "No data" to the cell phone. Example:

- Date Time: 10-11-23 23-42:51> http://maps.google.com/maps?qnV22.571490.E113.677103

6 3 SOS elerm

In emergent case, press SOS for 3s to activate SOS alarm. Then the device will send SOS SMS to preset specific numbers and then dial the numbers in circles until the call is picked up. At the meantime, the device will upload SOS alarm data to the server. And it will send: SOS Alarm! < DateTime: 11-06-17 14; 53; 06>, http://maps.google.com/msps?q=N22576713,E113.916585

Note: The specific numbers should be preset, just refer to 5.4

6.4 Wire out-off alarm. When the describe, specify of drove is out of it will activate out-off alarm. When the describe, specify of drove is and off, should be seen in this case. For device will send of size to five specific runnbers and did the numbers in crioses. If robody arraness, the call just lesses is loops affect and Left the members the device will upboal SOS alarm data to the sover. And I will send. SOS alarm data to the sover. And I will send. Cut Power! Callet Timers! 17.6-17 Feb. 35, 06°p.

11p. https://papa.google.com/msps?s/p=M22576713.E113.916285

Note: The specific numbers should be preset, just refer to 5.

6.5 Low battery alarm

6.5 LOW batterly stated in the control of the co

Note: The specific numbers should be preset, just refer to 5.4

6.6 Vibration alarm
The vibration alarm function is off by default. To activate this function

Line No. Specification Color Description

pieces send the following comment SENALA CHR. The slarm will be sent to both the service selection and SEG and the service selection s

loops.
If the Chinese address can not be acquired for certain reason, the terminal will send a message with the website link to the SOS numbers.
o, g.Sensor Narm ! <11-2314:53>,
http://maps.google.com/maps?q=N22576713,E113.916585

Note: 1. The SOS numbers should be preset.

2. Send "SENALM, OFF#" to turn off the vibration alarm. 3.7 Voice monitoring

When the special number cell phone dial device, ringing for 10 seconds, it will enter voice monitoring status. At this time, caller monitoring the sound in vehicle, incoming call from non special number will not activate voice monitoring function.

Note: To realize this function, please set special number beforehand.

The SIM card put into the device should be equipped a caller identification.

Via platform
 Send oil cut-off command on platform. To make sure the security of
 which, tracker can only indicate to cut off oil when GPS is in valid
 cosition status, and the speed is less than 20KMH or in static.

2. Via SMS
Firstly, you should set a center number. Please refer to 6.6. Only
center number can send the command to the device to out off and
resides od,
Aller the command is carried out, it will reply "Cut off the fluid supply.
Success! Speed Okrift". If the command dicht carry out, it will reply
the reason should file to carry out.

6.9 Restoring Oil
1. Via platform
When the slam is off, sending recover of commands manually, again of vehicle will work normally again platform account password is needed when sending of cut off.

. Via SMS

6.10 Over speed Alarm

To turn on the over speed fundors, please send below SMS: command: SEEED_ONDEF, firms_Inited speed_uploading moc Speed starm awkbrt.ONLOFF default.CFF Time range (seconds)-SCE05(default as 20%) Limited speed range(inmln)-1250emh. default.100 Modes10.1-default-1 way of alarming(0 means GPRS crit), 1 means SMS-QPRS Examples SPEED_ONLZ0,100,11#

Means when the car is moving over 100km/h in average in 20 seconds, the device will send over speed atom to user

7. Web based tracking online activation

The GPRS web based tracking platform allows real time tracking with the latest Google maps. There is also a playback feature that allows you to view where the vehicle has been for up to 30 days in the next making it liked for fleet management.

8. Trouble shooting

roblems	Causes	Solutions
all to connect latform	The fuse blows	Replace the fuse
	ACC ignition disconnected	Turn on ACC with key
ail to connect etwork	Wrong installation of SIM card	Check SIM card installation (Refer to 4.1 Install SIM card)
	Fifth on the SIM card iron surface.	Glean it
	Useless SIM	Contact internet service provider
	Improper installation	Check installation of device (Refer to 4.2 Install the device)
	Beyond GSM service area	Use it in effective GSM service offer area
	Bad signal	Try again in a better signal area
ail to charge	The voltage is unsuitable	Connect with power with suitable voltage
	Improper connection	Check connection with charger

GPS Vehicle Tracker

(GPS+GSM+SMS/GPRS)



This user manual has been specially designed to guide ou through the functions and features of your GPS ehicle tracker.

1. Accessories: Device Power cord Relay Microphone SOS alarm cable & button User Manual

2. Specifications Dimension 1
Weight 9
Backup Battery 4
Cyestato Temperature
Hurridity 5
Standby Time 6
GSM Frequencies 8
GPRS CROSSED 1 TTFF (Open Sky)

3. My device

Description of the second	
,	COS Interface
GPS LED indicator Power s	GSM LED indicator
GPS LED Indicator - Blue	
Flashing (interval 0.1s)	Searching GPS signal
Solid blue	GPS fix
OFF	No GPS fix or initializing
GSM LED Indicator - Green	
Quick flashing (interval 0.1s)	GSM initializing
Slow flashing (flash 0.1s every 2s)	Receive GSM signal normally
Solid green	Connected to GSM network
OFF	No GSM signal

Flashing (interval 0.1s)	Low battery
Slow flashing (interval 0.2s)	Full charge
Slow flashing (flash 0.1s every 2s)	Normal operating
Solid Red	Charging
OFF	Low battery/Power off

4. Getting Started

Please follow below instructions for ensuring safe and correct use.

4.1 Install the SIM card Place the SIM card into the device with the gold-colored side facing down.

Note: Make sure there is enough credit on the SIM card. If you will be using the GPRS function, you should pay attention to the current SIM card GPRS charge.

4.2 Install the device You need to choose somewhere that it won't because the whole point of fitting covert GPS is the secrecy element.

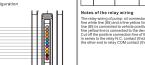
Installation please refers to below picture NOTE: Any high power devices such as reversing radar, anti-theft device or communication equipment would affect the signal of the device.

 All metallic cases of the windshield will attenuate the signal on the tracking device. It's simply due to the shielding effects of the metal compound of the case. 3. The device can not use for portable



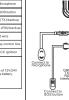
. The location for installation of this device at a



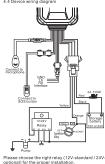


1.2	MIC-,MIC+	Black/Red	Connect to Microphone	
3.4	Keypod	Orange/Orange	Connect to SOS button	
5	TX	Green	Sending data (TX)/backup	
6	RX	White	Receiving data (RX)/backup	
7	GND	Black	Ground wire	
8	MOTOR	Yellow	Connect to relay control line	
9	ACC	White	Connect to ACC ignition	
10	V-	Black(thick)	Negative side of 12V/24V car storage battery.	
11	V+	Red(thick)		

The relay wiring of pump: oil connectors of both ends are a fine white line (85) and a fine yellow line (86). The fine white line (85) is connected to vehicle positive power (+12V). The



line (85) is connected to vehicle positive power (+12V). This fire yellow line is connected to the device relative control line. Cut off the positive connection line of the pump, then conner in series to the relay N.C. contact (thick green line 87s) and the other end to relay COM contact (thick green line 30).



6. MIC line (2 pin)

USB cable (3 pin)

5. Quick Operation Instructions Operation Tips: To properly use the device, common parameters should be set before initial use. This can be done by using the parameter editor or by sending SMS commands to the device. (*,*should be English comma a no space before and after the comma).

4.5 Power/ACC/Tele-cutoff(petrol/electricity) contro line (4 pin)

2. The ACC line (white) connects to ACC switch of the vehicle. Please be sure to connect the ACC line; otherwist the device will enter ignition detection status when disconnect the ACC line. If you don't need to anti-theft temporarily, just connect the ACC line to the positive side in parallel.

5.1 APN setting To ensure GPRS is activated, please n can send SMS command to set APN

5.2 Server setting 5.2 Sen'ver's entiring Default platform is www.tracksolid.com
To connect to other platform, please send the SMS command to change the DMS or server IP.
DMS : SERVER_I_DMS_Per_UP
IPS SERVER_DMS_PONT_OF
IPS SERVER_DMS_PONT_OF
TO SERVER_DMS_PONT

5.3 ON/OFF GPRS

5.3 ON /OFF GPRS
When you want to disable GPRS, you can SMS command to the SIM card number which used in the device.
Command forms:
GPRS ON, GPRS ON, ##
GPRS OPF, GPRS ON, ##
If will reply "OK" after set successfully.

5.4 Add specific number

5.4 Add specific number
SMS command to the device to set the SOS number.
SOS, A.No. 1.No. 2.No. 38
"A" means to add new numbers, for example:
SOS.A. 1.30 16965691, 125 10905952, 135 109059539
SOS.A. 1.30 16965691, 125 10905952, 135 109059539
SOS.A. 1.30 16965691, 125 10905952, 135 109059539
For example:
SOS.A. 1.30 16905059191 means to set the first number as SOS SOS.A. 1.35 10905059191 means to set the first number as SOS

number SOS,A,,13510905992# means to set the second number as

APN command format: APN.APN's Name# Eg: APN/internet# ("internet" is the APN of carrier) The device will reply "OK" if setting successfully. SOS number SOS,A.,,13510905993# means to set the third number as SOS f set successfully, there is a "success" reply SMS.

5.5 Leafers opeosition number | Beater about 15 corresponding code. For the code, pisases MSIS *PARFAME** to the dovice.

Self-read residency pisases MSIS *PARFAME** to the dovice.

Self-read residency resi

5.6 Set the center number

5.5 Delete specific number

ENTER,A,mobile number# or example:CENTER,A,15942703401# set successfully, there is an "OK" reply message.

NOTE: Only the SOS number can be used to set on number successfully.

Warranty instructions and service

Warrainty instructions and service or a warrainty is wild civy when the warrainty card is properly completed, and upon presentation of the proof of purchase model and search for the product. We reaches the right to reduce warrainty if the information has been removed or reduce warrainty if the information has been removed or reduce warrainty if the information has been removed or contact the property of the defect of registeration of the product for the facility of purposes and the property of the property includes the property of property of the property property of the property of property of the property of property of the property of propert

period.

The warranty is not applicable to cases other than defects in material, design and workmanship.

Serviced by oduct Model IEI Number Fault Descriptions

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.