

View any existing Geo-fence in the map

Report when speeds higher than the

Alarm when backup battery is running out

Movement alarm based on built-in 3D motion

pre-set value

Cut off petrol/electricity

Data Transmit

Speeding Alarm

Remote Control

Geo-fence



GSM LED Indicator - Green

Quick flashing (interval 0.1s)

Solid green

GSM initializing

No GSM signal

Connected to GSM network

Slow flashing (flash 0.1s every 2s) Receive GSM signal normally

5.7 Delete the center number

5.8 Check parameter setting

If set successfully, there is an "OK" reply SMS.

The command is: CENTER.D

For example: CENTER, D#

Command format: PARAM

defense time and time zone.

e.g.: PARAM#

Information replied:

SMS command to the device to delete the center number.

NOTE: Only the SOS number can be used to delete center

Only SOS phone number can send this command successfully to set the center number. There is only one

Send command to the terminal, you can check the parameter setting

SOS: 15942703401; — SOS numbers, maximum 3 SOS numbers

Center Number: 15942703401; —only 1 center number can be set

Sensorset: 10,1,5,180 — detect 5 vibrations in 10s; the alarm delay is

The replied information contains IMEI number, GPS data uploading

interval, SENDS, SOS, center number, sensorset time interval,

IMEI: 353419032348877 — IMEI number of the device:

SENDS:5; - the GPS working time when ACC is OFF

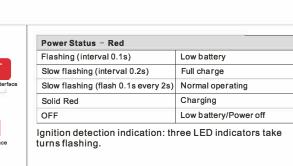
Timer: 10,10; —GPS data uploading Interval;

can be set and used for alarm and monitoring;

and used for cutting off /restoring oil command:

Defense time: 10: — the defense delay is 10 minute:

TimeZone:E.8.0: — set time zone: default as E8.



Server:1.eqt06.szdatasource.com.8841.0: //platforminformation//

URL:http://maps.google.com/maps?q=; //preset web link setting

The default sending interval is 10,10. It means when ACC ON ,the

device will upload positioning data to platform server every 10s. when

ACC OFF ,the device will upload positioning data to platform server

t means when ACC ON the device will upload positioning data to

platform server every 10s, when ACC OFF, the device will upload

When the vehicle power is off and ACC is in low-level, if ACC is off

vibration alarm system. If the vehicle battery is still not on (ACC is in

For example: DEFENSE.15#. It means when ACC is in low level for

1. Preset SOS numbers when send SMS alarm messages and

SMS command format: "FACTORY#" to set all parameter to default

FENSE,TIME(minutes)#" The time ranges from 1

over 10 minutes, the device will enter sensor alarm state. In this

case, if the vehicle vibrates for a few times, it will activate the

low level) after 3 minutes, the device will start vibration alarm.

15 mins, it will enter sensor alarm status (vehicle power is off)

2. If there is no need for vibration alarm, please SMS

SENALM.OFF# to close it.

5.12 Restore to factory setting

factory value. Once received "OK", it succeeds.

5.10 GPS data uploading interval

Users can modify sending interval by SMS

The time1 & time2 ranges from 10-18000s

positioning data to platform server every 20s.

5.11 Sensor alarm time setting

For example:TIMER,10,20#

every 10s.

SMS format: "DE

to 60 mins

You need to choose somewhere that it won't be found. Installation please refers to below picture

# This side MUST towards the sky.

The format is: RESET# After receiving this command, the device will reboot after 1 mins. 6. Operation of device 6.1 Power on/ Power off

5.13 Reboot device

device to reboot the device

the cell phone

signal of the device.

Power on: Once insert a valid SIM card and connect all the wires tum on the device, then Power LED will flash first, During signal searching process, GSM and GPS LED will flash. Once GPS LED keeps solid light, it means the device has been located and it starts Power off: Just turn off the power switch.

When there is something wrong with the link of GPRS, e.g., The

parameter setting of the device is correct, but you can't track the car

on the platform. At this moment you can send a command to the

The device will begin to upload positioning data to server once inserting a valid SIM card and power on. During the working time, it can upload data to server every 10 seconds. 6.2 Check location 1. Via SMS

coordinates. If the device does not search any information of location, it will send "No data" to the cell phone Lat:N22.571285.Lon:E113.877115.Course:42.20.Speed: .0740.DateTime:10-11-23 22:28:51 1.2 SMS "URL#", 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

1. Any high power devices such as reversing radar, anti-

theft device or communication equipment would affect the

1.1 SMS "WHERE#", to the SIM number of device. The device

will send a location message automatically. You can get the

Example: <Date Time: 10-11-23 23:42:51> http://maps.google.com /maps?q=N22.571490,E113.877103 6.6 Vibration alarm The vibration alarm function is off by default. To activate this function 2. Via platform

be sent to both the service platform and SOS numbers. 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:

Go to the platform website offered by dealers to check your please send the following command: SENALM, ON#. The alarm will

When vehicle power is off, ACC status is low, and if the lead time of lowACC is more than 10 minutes (settable), device will activate security alarm. When the security alarm is on, once the vehicle vibrates for several times, the alarm will be activated; in the next 3 minutes, if vehicle power is still off (ACC status is low), device will start alarm. At this time, it will send alarm message to the service platform with the latitude and longitude, while the platform will reply the Chinese address. Then the terminal will send vibration alarm message to SOS numbers with the Chinese address, and call the SOS numbers in cycle. If nobody answers, it will stop calling after 3 If the Chinese address can not be acquired for certain reason, the terminal will send a message with the website link to the SOS

e.g.:Sensor Alarm! <11-23 14:53>, 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.

6.7 Voice monitoring When the special number cell phone dial device, ringing for 10 seconds, it will enter voice monitoring status. At this time, caller can

number will not activate voice monitoring function. Note:To realize this function, please set special number peforehand. The SIM card put into the device should be equipped with

position status, and the speed is less than 20KM/H or in static.

monitoring the sound in vehicle. Incoming call from non special

6.8 Oil cut-off 1. Via platform

Send oil cut-off command on platform. To make sure the security of vehicle, tracker can only indicate to cut off oil when GPS is in valid

4.4 Device wiring diagram

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 cut off and The format is: RELAY.1# After the command is carried out, it will reply "Cut off the fuel supply Success! Speed:0 Km/h". If the command didn't carry out, it will reply the reason about fail to carry out. Note: To ensure the safety of the driver and the car, this command is valid only under two conditions: the GPS is located; the speed is less than 20km/h

2. Via SMS

6.9 Restoring Oil

1. Via platform

command

Only center number can send the command to the device to restore The format is: RELAY.0#

When the alarm is off, sending recover oil commands manually.

Device will restore oil supplying, and vehicle will work normally again. Platform account password is needed when sending oil cut off

supply:Success!" 6.10 Over speed Alarm

After the command is carried out, it will receive "Restore fuel

Platform account password is needed when sending oil cut off

When the car is moving over a limited speed in average in a limited time period, then the device will send over speed alarm SMS to user.

line (4 pin)

in parallel.

4. USB cable (3 pin)

5. MIC line (2 pin)

connect with around wire).

To turn on the over speed function, please send below SMS command: SF Speed alarm switch: ON/OFF default: OFF Time range (seconds):5-600s(default as 20s) Limited speed range(km/h):1-255km/h, default:100

Mode:0/1. default:1 way of alarming,0 means GPRS only,1 means

4.5 Power/ACC/Tele-cutoff(petrol/electricity) control

1. Your device comes with a power cord and is designed to use

positive while the black one is negative (the side should not be

vehicle. Please be suré to connect the ACC line; otherwise

disconnect the ACC line. If you don't need to anti-theft

3. Tele-cutoff (petrol/electricity) control line (yellow) is

relay (equal to the yellow line of the relay socket).

connected to pin 86 of the Tele-cutoff (petrol/ electricity)

Firmware updating interface/expanded function to reserve

Externally connect to microphone for voice monitoring function.

temporarily, just connect the ACC line to the positive side

only manufacturer-specified original device. The red line is

2. The ACC line (white) connects to ACC switch of the

the device will enter ignition detection status when

7. Web based tracking online activation

seconds.the device will send over speed alarm to user.

Example:SPEED.ON.20.100.1#

The GPRS web based tracking platform allows real time tracking

Means when the car is moving over 100km/h in average in 20

## 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 past making it ideal for fleet management. 8. Trouble shooting

## If you are having trouble with your device, try these troubleshooting procedures before contacting a service professional.

Fail to connect The fuse blows

Problems Causes Solutions

Replace the fuse

platform	ACC ignition disconnected	Turn on ACC with key
Fail to connect network	Wrong installation of SIM card	Check SIM card installation (Refer to 4.1 Install SIM card)
	Filth on the SIM card iron surface.	Clean 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 signa area
Fail to charge	The voltage is unsuitable	Connect with power with suitable voltage
	Improper connection	Check connection with charger

APN command format APN.APN's Name#

5.2 Server setting

Default platform is www.track

change the DNS or server IP:

DNS: SERVER.1.DNS.Port.0

5.3 ON /OFF GPRS

GPRS ON: GPRSON.1#

GPRS OFF: GPRSON,0#

5.4 Add specific number

OS.A.No.1.No.2.No.3#

Command format:

E.g: APN,internet# ("internet" is the APN of carrier)

Note: The APN of some countries have user name and password.

you may need to send SMS command as following: APN, APN

To connect to other platform, please send the SMS command to

When you want to disable GPRS, you can SMS command

to the SIM card number which used in the device.

SMS command to the device to set the SOS number.

"A" means to add new numbers, for example: SOS A, 13510905991, 13510905992, 13510905993#

If there is only one SOS number, you can appoint a specific

SOS, A,13510905991# means to set the first number as SOS

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

number as SOS number. And the null means no adding.

The device will reply "OK" if setting successfully.

E.g: SERVER,1,qpsdev.tracksolid.com,21100,0#

It will reply "OK" after set successfully

It will reply "OK" after set successfully.

This user manual has been specially designed

to guide you through the functions and features

**GPS Vehicle Tracker** 

(Version 5.4)

One side of the device is marked "THIS SIDE TOWARDS SKY", place the unit upside down will result in connection

Avoid placing the device somewhere that metal will be

of your GPS vehicle tracker.

# Warranty instructions and service

The warranty is valid only when the warranty card is properly

completed, and upon presentation of the proof of purchase

consisting of original invoice indicating the date of purchase

model and serial No. of the product. We reserve the right to

refuse warranty if this information has been removed or

changed after the original purchase of the product from the 2. Our obligations are limited to repair of the defect or

	Date
5.6 Set the center number If you want to cut off/restore oil by SMS command, you have to set a center number firstly. Only the center number can send the cut off/restore oil command to the device. You can set your own mobile number as center number. The command for setting center number is: CENTER, A, mobile number# For example:CENTER, A, 15942703401# If set successfully, there is an "OK" reply message.	Product Mode
	IMEI Number
	Fault Descript
NOTE: Only the SOS number can be used to set center	

Product Model	
IMEI Number	

SOS.A., 13510905993# means to set the third number as SOS

Before deleting specific number, please check its corresponding

If you want to delete more than one numbers, you can send this

If you forget serial number of the mobile number you want delete

SOS.D.13527852360# means to delete the 13527852360 directly

SOS,D,mobile number# means to delete the mobile number

After deleting the SOS number, it will receive "Delete number

SOS,D,1,3# means to delete the first and third numbers.

code. For the code, please SMS "PARAM#" to the device.

If set successfully, there is a "success" reply SMS.

SMS command to the device to delete the number.

OS D sorial NO 1 sorial NO 2 sorial NO 3

"D" means to delete the number, for example:

SOS,D,3# means to delete the third number

SOS.D.1# means to delete the first number

5.5 Delete specific number

you can send this command

deleting of the specific number.

For example

replacement the defective part or at its discretion replacement of the product itself. 3. Warranty repairs must be carried out by our Authorized Service Centre, Warranty cover will be void, even if a repair has been attempted by any unauthorized service centre. Repair or replacement under the terms of this warranty does not provide right to extension or renewal of the warranty 5. The warranty is not applicable to cases other than defects in

material, design and workmanship

135XXXXXXXX success! specific number total 2" for successful Maintenance Record Serviced by

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. Make sure there is enough credit on the SIM card. If you 4.3 Wiring configuration will be using the GPRS function, you should pay attention to the current SIM card GPRS charge. 4.2 Install the device

2. 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.

1, 2 Keypod Orange/Orange Connect to SQS button 3 4 MIC- MIC+ Sending data (TX)/backup Receiving data (RX)/backu GND Ground wire Connect to relay control line Connect to ACC ignition ACC White Negative side of 12V/24V car storage battery. Red(thick) Notes of the relay wiring

The relay wiring of pump: oil connectors of both ends are a

vehicle location.

6.3 SOS alarm

6.4 Wire cut-off alarm

6.5 Low battery alarm

charging it in time

SOS Alarm! < DateTime: 11-06-17 14: 53: 06>,

SOS alarm data to the server. And it will send:

sms to specific number and alarm on platform.

Cut Power! <Date Time:11-06-17 14: 53: 06>,

http://maps.google.com/maps?q=N22576713,E113.916585

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

When the electricity supply of device is cut off, it will activate cut-off

alarm. In this case, the device will send related SMS to the specific

numbers and dial the numbers in circles. If nobody answers, the call

just keeps 3 loops at most. At the meantime, the device will upload

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

voltage of battery is less than 3.7V, device will send low battery alarm

Low battery alarm sms content example. "Attention!!!battery too low,

please charge." Which means the battery is to low, to inform user

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

http://maps.google.com/maps?q=N22576713,E113.916585

When the device is only working with battery, once the internal

fine white line (85) and a fine vellow line (86). The fine white line (85) is connected to vehicle positive power (+12V). The fine yellow line is connected to the device relay control line. Cut off the positive connection line of the pump; then connect in series to the relay N.C. contact (thick green line 87 a) and the other end to relay COM contact (thick green line 30).

Data Interface 12V or 24V White line ON START ACC-Relay

Please choose the right relay (12V-standard / 24Voptional) for the proper installation.

Operation Tips: To properly use the device, common parameters should be set before initial use. This can be

To ensure GPRS is activated, please make sure APN is correct. You can send SMS command to set APN:

6. SOS line (2 pin) Externally connect to SOS switch for SOS function.

5. Quick Operation Instructions

one by using the parameter editor or by sending SMS ommánds to the device. (","should be Énglish comma and no space before and after the comma

5.1 APN setting