				5.7 Delete the center num	
Maintenance R	ecord 1	Serviced by		SMS command to the device to on the command is: CENTER, D# For example: CENTER, D#	elete the center number.
Date		Convided by		If set successfully, there is an "O	Y reply SMS. Output Outp
Product Model				NOTE: Only the SOS number number successfully. Only SOS phone number can successfully to set the center r	can be used to delete center
IMEI Number				center number can be set. 5.8 Check parameter setti	
Fault Description	ns			Send command to the terminal, yo Command format: PARAM#	· ·
Comments				e.g.: PARAM# Information replied: IMEI: 353419032348877 —IMEI n Timer: 10,10; —GPS data uploadir	
Maintenance R	ecord 1			SENDS:5; — the GPS working tim SOS: 15942703401; — SOS number	e when ACC is OFF; pers, maximum 3 SOS numbers
	ecoru i	Conjugad by		can be set and used for alarm and Center Number: 15942703401;	· .
Date		Serviced by		and used for cutting off /restoring o Sensorset:10,1,5,180 — detect 5 v	
Product Model				180s; Defense time: 10; — the defense d TimeZone:E,8,0; — set time zone;	elay is 10 minute;
IMEI Number				The replied information contains IN interval, SENDS, SOS, center num defense time and time zone.	El number, GPS data uploading
Fault Description	ns			5.9 Check GPRS paramet	
Comments				Eg: GPRSSET# Reply message: GPRS:ON //GPRS on/off status// Currently use APN:,; //APN setting information//	
1. Accessor > Device > Power cord > Relay	ories:			3. My device	世 「File-cutoff
 Microphone SOS alarm o User Manua 2. Specific	cable & butto Il	on		Power onloff SiM card slot	overinterface (Petrol/electricity) ACC interface
Dimension		L) x 54(W) x 16(H) mm			
Weight	96g				MIC interface
Backup Battery Operation Tempe		nAh / 3.7V C–60℃			SOS interface
Humidity		95%			
Standby Time	60 ho	ours			
GSM Frequencies	s 850/	900/1800/1900 MHz			
GPRS	Class	s 12		(a) =	Yal
GPS Channel	20	d D as		0 0	0
GPS Sensitivity Acquisition Sensitivity	-159 tivity -144				
Position Accuracy		ивп		GPS LED indicator⊷	GSM LED indicator
1 contour tocardo)		Start: <38s		Power	status
TTFF (Open Sk	y) Warn	n Start: <15s Start: <2s			
GSM/GPS Anteni		in design		GPS LED Indicator - Blue	
LED Indicator		-green, GPS-blue, Power-red		Flashing (interval 0.1s)	Searching GPS signal
Data Transmit		SMS any existing Geo-fence in the map		Solid blue	GPS fix
Geo-fence Speeding Alarm	Repo	ort when speeds higher than the	-	OFF	No GPS fix or initializing
	pre-s	set value m when backup battery is running	out	GSM LED Indicator - Green	
Low Power Alar	Move	m wnen васкир ваттегу is running ement alarm based on built-in 3D moti		Quick flashing (interval 0.1s)	GSM initializing
Non-movement D	sense			Slow flashing (flash 0.1s every 2s) Receive GSM signal normally

Solid areer

Connected to GSM network

No GSM signal

5.12 Restore to factory sett SMS command format: "FACTORY factory value. Once received "OK", it	to set all parameter to default	 <date 10-11-23="" 23:42:51="" time:=""> http://maps.google.con/maps?q=N22.571490,E113.877103</date> Via platform 	
Power Status - Red		NOTE:	
Flashing (interval 0.1s)	Low battery	NOTE:	
Slow flashing (interval 0.2s)	Full charge	1. Any high power devices such as reversing radar, anti- theft device or communication equipment would affect the	
Slow flashing (flash 0.1s every 2s)	Normal operating	signal of the device.	
Solid Red	Charging		
OFF	Low battery/Power off	2. All metallic cases of the windshield will attenuate the	
Ignition detection indication: th turns flashing.	ree LED indicators take	signal on the tracking device. It's simply due to the shielding effects of the metal compound of the case.	
4. Getting Started Please follow below instruction and correct use. 4.1 Install the SIM card Place the SIM card into the devised facing down.	Ü	Under front windshield Under front windshield Around dashboard	
Note: Make sure there is enough crewill be using the GPRS function attention to the current SIM ca	on, you should pay	4.3 Wiring configuration	
4.2 Install the device You need to choose somewhere Installation please refers to belo Important This side MUST towards the sky	ow picture.	1 Keypad 2 Keypad 3 MIC- 4 MIC+ 5 TX 6 RX 7 GND 8 MOTOR 9 ACC 10 V- 11 V+	

Server:1,egt06.szdatasource.com,8841,0; //platform information//

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

SMS format: "DEFENSE.TIME(minutes)#" The time ranges from 1

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

1. Preset SOS numbers when send SMS alarm messages and

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.

15mins, 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.

5.10 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

to 60 mins

5.13 Reboot device

device to reboot the device

6. Operation of device

Power off: Just turn off the power switch.

can upload data to server every 10 seconds.

location, it will send "No data" to the cell phone.

.0740,DateTime:10-11-23 22:28:51

6.1 Power on/ Power off

The format is: RESET#

6.2 Check location

1. Via SMS

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

After receiving this command, the device will reboot after 1mins.

Power on: Once insert a valid SIM card and connect all the wires.

turn 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

The device will begin to upload positioning data to server once

inserting a valid SIM card and power on. During the working time, it

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

will send a location message automatically. You can get the

coordinates. If the device does not search any information of

Lat:N22.571285.Lon:E113.877115.Course:42.20.Speed:

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 the cell phone. Example: <pre></pre>		Low battery alarm sms content example: "Attention!!!battery too low, please charge." Which means the battery is to low, to inform user charging it in time. 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,			
	I				
NOTE:	Line No	Specification	Color	Description	
1. Any high power devices such as reversing radar, anti-	1. 2	Keypod	Orange/Orange	Connect to SOS button	
theft device or communication equipment would affect the signal of the device.	3.4	MIC-,MIC+	Black/ Red	Connect to Microphone	
	5	TX	Green	Sending data (TX)/backup	
All metallic cases of the windshield will attenuate the signal on the tracking device. It's simply due to the	6	RX	White	Receiving data (RX)/backup	
shielding effects of the metal compound of the case.	7	GND	Black	Ground wire	
Under rear windshield	8	MOTOR	Yellow	Connect to relay control line	
Under front windshield	9	ACC	White	Connect to ACC ignition	
	10	V-	Black(thick)	Negative side of 12V/24V	
Around dashboard	11	V+	Red(thick)	car storage battery.	
4.3 Wiring configuration	The re fine wh	iite line (85) a	ump: oil conne nd a fine yellov	ctors of both ends are a	

Go to the platform website offered by dealers to check your

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

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

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

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

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

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

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

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

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.

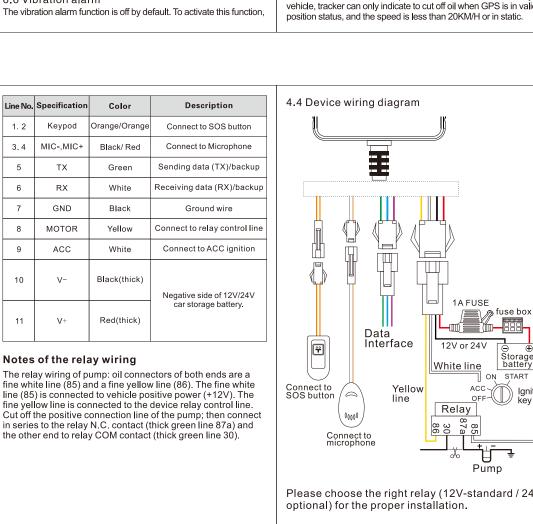
Cut Power! <Date Time:11-06-17 14: 53: 06>,

vehicle location.

6.3 SOS alarm

6.4 Wire cut-off alarm

6.5 Low battery alarm



n,	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 position status, and the speed is less than 20KM/H or in static.
	4.4 Device wiring diagram
	J)
o) up ee	Data Interface Yellow Sos button Connect to Sos button Connect to microphone Please choose the right relay (12V-standard / 24V-standard /
	optional) for the proper installation.

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

low ACC is more than 10 minutes (settable), device will activate

vibrates for several times, the alarm will be activated; in the next 3

start alarm. At this time, it will send alarm message to the service

the Chinese address. Then the terminal will send vibration alarm

platform with the latitude and longitude, while the platform will reply

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

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

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

When the special number cell phone dial device, ringing for 10

seconds, it will enter voice monitoring status. At this time, caller can

monitoring the sound in vehicle. Incoming call from non special

Note:To realize this function, please set special number

The SIM card put into the device should be equipped with

Note: 1.The SOS numbers should be preset.

number will not activate voice monitoring function.

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

6.8 Oil cut-off

1. Via platform

minutes, if vehicle power is still off (ACC status is low), device will

security alarm. When the security alarm is on, once the vehicle

be sent to both the service platform and SOS numbers.

ng diagram	4.5 Power/ACC/Tele-cutoff(petrol/electricity) con line (4 pin)
	Your device comes with a power cord and is designed to u only manufacturer-specified original device. The red line is positive while the black one is negative (the side should not connect with ground wire).
	2. The ACC line (white) connects to ACC switch of the vehicle. Please be sure to connect the ACC line; otherw the device will enter ignition detection status when disconnect the ACC line. If you don't need to anti-the temporarily, just connect the ACC line to the positive sign parallel.
	3. Tele-cutoff (petrol/ electricity) control line (yellow) is connected to pin 86 of the Tele-cutoff (petrol/ electricity relay (equal to the yellow line of the relay socket).
Data Interface 12V or 24V 🕞 💮	USB cable (3 pin) Firmware updating interface/expanded function to resespace.
	5. MIC line (2 pin) Externally connect to microphone for voice monitoring func
White line Storage battery ON START	6. SOS line (2 pin) Externally connect to SOS switch for SOS function.
Yellow Ine Relay Ignition key	5. Quick Operation Instructions
0 ne	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 no space before and after the comma)
i ump	5.1 APN setting
the right relay (12V-standard / 24V- proper installation.	To ensure GPRS is activated, please make sure APN is correct. You can send SMS command to set APN:

Platform account password is needed when sending oil cut off

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

After the command is carried out, it will reply "Cut off the fuel supply:

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

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

Platform account password is needed when sending oil cut off

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

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.

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

To turn on the over speed function, please send below SMS

Device will restore oil supplying, and vehicle will work normally again.

Only center number can send the command to the device to restore

Success! Speed:0 Km/h". If the command didn't carry out, it will reply

Via SMS

The format is: RELAY.1#

6.9 Restoring Oil

The format is: RELAY.0

6.10 Over speed Alarm

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

supply:Success!"

command: SPE

SMS+GPRS

1. Via platform

2. Via SMS

the reason about fail to carry out

restore oil.

ectricity) control APN command format: APN.APN's Name# E.g: APN,internet# ("internet" is the APN of carrier) s designed to use The device will reply "OK" if setting successfully. he red line is de should not be C line; otherwise 5.2 Server setting ed to anti-theft Default platform is www.tracks he positive side change the DNS or server IP: DNS: SERVER.1, DNS, Port.0# ne (yellow) is rol/electricity) E.g: SERVER,1,qpsdev.tracksolid.com,21100,0# It will reply "OK" after set successfully. nction to reserve 5.3 ON/OFF GPRS to the SIM card number which used in the device. nonitoring function. Command format: GPRS ON: GPRSON,1# GPRS OFF: GPRSON,0# It will reply "OK" after set successfully. 5.4 Add specific number e, common se. This can be sending SMS nglish comma and SMS command to the device to set the SOS number. SOS.A.No.1.No.2.No.3# '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 number as SOS number. And the null means no adding. SOS,A,13510905991# means to set the first number as SOS APN is correct You SOS,A,,13510905992# means to set the second number as

Check SIM card Wrong installation of (Refer to 4.1 Install SIM card) Filth on the SIM card iron Clean it Jseless SIM provider Check installation of Improper installation device (Refer to 4.2 nstall the device) Use it in effective GSM Bevond GSM service area service offer area Try again in a better signal Connect with power with The voltage is unsuitable suitable voltage Check connection with Improper connection To connect to other platform, please send the SMS command to When you want to disable GPRS, you can SMS command

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 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. Solutions Fail to connect The fuse blows Replace the fuse ACC ignition discor cted Turn on ACC with key Fail to connect Note: The APN of some countries have user name and password, you may need to send SMS command as following: APN, APN

Example:SPEED.ON.20.100.1#

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

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

GPS Vehicle Tracker

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.

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

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

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

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

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

5.5 Delete specific number

you can send this command

For example

(Version 5.4) This user manual has been specially designed to guide you through the functions and features of your GPS vehicle tracker. 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

2. Our obligations are limited to repair of the defect or replacement the defective part or at its discretion

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

changed after the original purchase of the product from the

refuse warranty if this information has been removed or

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

replacement of the product itself

- not provide right to extension or renewal of the warranty The warranty is not applicable to cases other than defects in
- material, design and workmanship.

135XXXXXXXX success! specific number total 2" for successful deleting of the specific number.	Maintenance Record 1
deleting of the specific number.	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	Product Model
mobile number as center number. The command for setting center number is: CENTER,A,mobile number#	IMEI Number
For example:CENTER,A,15942703401# If set successfully, there is an "OK" reply message.	Fault Descriptions
NOTE: Only the SOS number can be used to set center number successfully.	Comments