GPS Tracking Pendant

User Manual

For technical support:

📞 01837 810 590

✉️ contact@frequencyprecision.com

Important! Please read below statements:

1. Due to external factors all GPS devices can have inaccuracies of position; the position provided by this device is just a guide.
2. There may be delays caused by mobile phone operators in certain circumstances.
3. Frequency Precision does not accept any liability for any damage or injury, howsoever caused as a result of misuse of this equipment. It is the responsibility of the user to ensure that the equipment is operated in the manner for which it was intended and that it is the correct item of equipment for the required task. All systems can fail, and it is the responsibility of the user to carry out regular tests and to determine the suitability of this equipment for any application.
4. Remember, daily system tests should be carried out to ensure correct functioning of the unit. If the unit has been dropped or it is worn by a person involved in an accident the unit should be tested again before re-use.

Main Features:

- Supports 4G, 3G & 2G GSM networks
- GPS + LBS + WIFI tracking
- Medication reminder & step counter
- SOS urgent call for help
- Waterproof IP67
- 1.3' LCD HD screen (240*240dpi)
- Web platform/ Phone App
- 2-megapixel HD camera function
- Talking clock
- Low battery alert
- Ringtone to find the pendant

Which SIM card should I choose?

The device should automatically work using SIM cards provided by the following networks:

- EE
- 02
- Three
- Vodafone

Other networks can be used, but occasionally it is necessary to configure some extra settings (the APN settings). You will know if you need to do this by following the steps in this manual.

The device uses data and minutes.

The number of minutes used will depend on the number of phone calls you make from the tracker.

The amount of data used is minimal – approximately 50mb per month.

Product Specification

Bands combination:

4F-FDD	Band 1/2/3/4/5/7/8/12/20/28A
3G – WCDMA	Band 1/2/5/8
2G – GSM	Band 2/3/5/8

GPS locating time:	Up to 30 seconds
GPS positioning accuracy:	5-15m (open sky)
Wifi positioning accuacy:	15-100m (under Wifi range)
Working temperature:	-20°C to +70°C
Working humidity:	5% to 95% RH
GPS tracker size:	59mm(L)x45.3mm(W)x16mm*H)
GPS tracker weight:	41g
Battery:	600mAh

What's in the box?

1 x GPS Tracker Device

1 x Screw Driver

1 x Lanyard

1 x USB Charging Cable

1 x User Manual

Step 1: Get a SIM card

The device needs a Nano card.

Ensure that the SIM card has data and minutes.
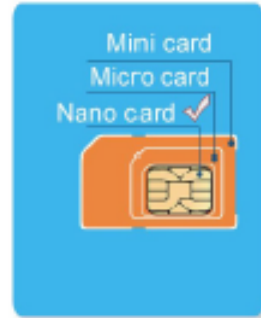
Step 2: Install the SIM card

Please make sure the tracker is powered off before inserting a SIM card.

a) To open the SIM slot, remove the two screws with the screw driver. Gently lever the SIM slot cover off by pressing the screw driver into the edge of one of the screw holes.

b) Insert the SIM card into the slot (gold side up, flat corner facing top right). Use the tip of the screwdriver to gently push the SIM card fully inside, until it clicks into postion.

c) Replace the SIM slot cover and tighten the screws. This will ensure that the tracker is waterproof.

Step 3: Turn the pendant tracker on and charge it

a) Press the SOS button for 7 seconds to turn it on. The screen will light up.
b) Please use the magnetic charger to charge the tracker.

The device takes about 2 hours to fully charge.

The battery should last for about 2 days.

Status indicators:

When the screen is on, it displays the GSM signal, battery status, date and time.

|			
4G	4G Network	📍	GPS position OK
E	3G Network	◇	WIFI connection OK
G	2G Network	▁▂▃	Network signal
◺	No Network	🔋	Battery level
⚠	No SIM card	⏰	Alarm clock reminder

Step 4: Install the App

The App can be installed by scanning the QR code at the end of this manual. You can also download the App from the Apple store or from Google Play by searching "Anytracking".

Step 5: App Login

Log into the App with the 10 digit ID number on the back of the tracker.
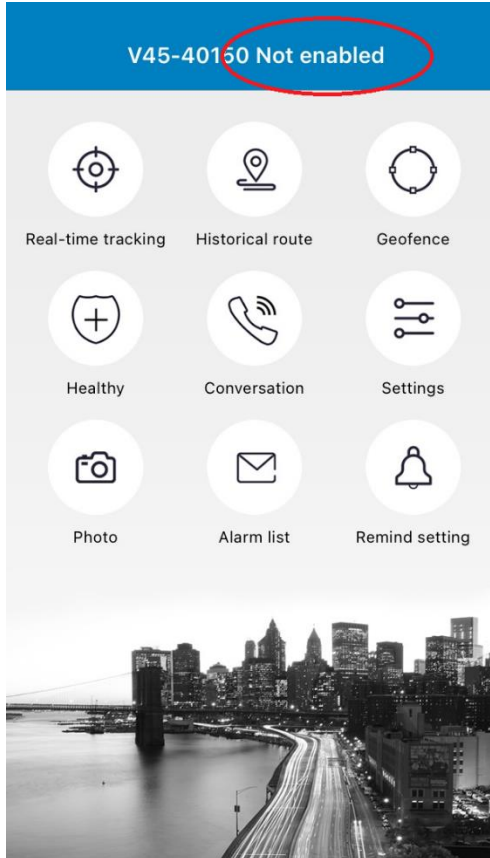
The default password is 123456.

When you log into the app, the battery status should be displayed.
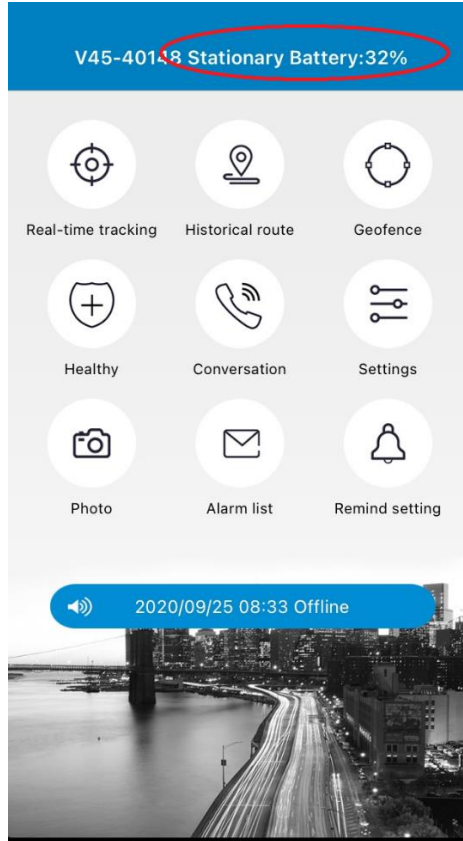
If "not enabled" is displayed, this can mean:

- That the SIM card doesn't have any data.
- That the tracker isn't able to access the data because the settings need to be updated.
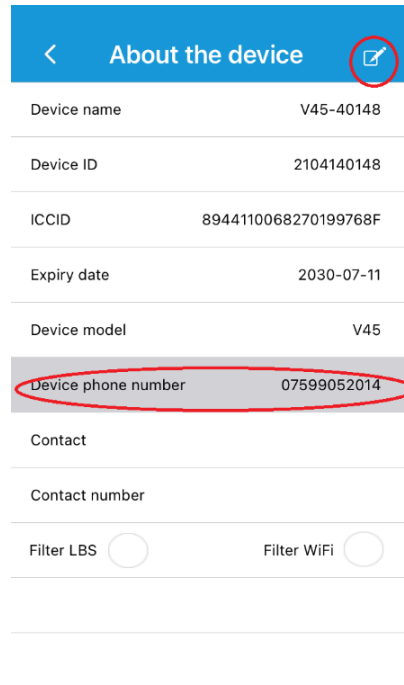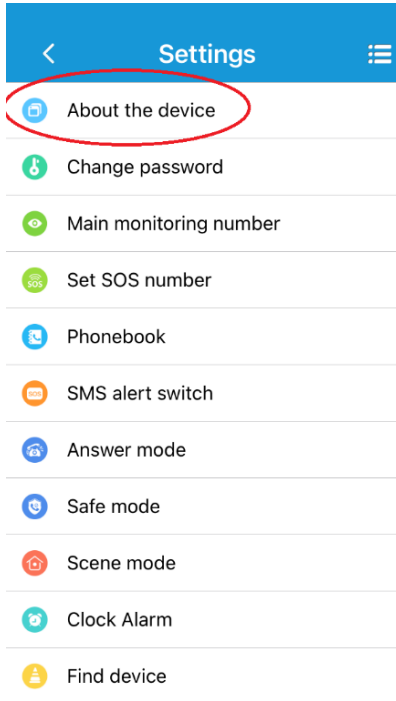

Please check that your SIM card has data and read the troubleshooting steps on page 21 (or contact us on 01837 810 590)

Step 6: Configuring the settings

a) Enter the mobile number of the tracker.
*Click "About the device", click on the pencil icon and then click "Device phone number".*
Enter the mobile number of the the SIM card that is inside the tracker.

Settings		
About the device		
Change password		
Main monitoring number		
Set SOS number		
Phonebook		
SMS alert switch		
Answer mode		
Safe mode		
Scene mode		
Clock Alarm		
Find device		

| About the device	
Device name	V45-40148
Device ID	2104140148
ICCID	8944110068270199768F
Expiry date	2030-07-11
Device model	V45
Device phone number	07599052014
Contact	
Contact number	
Filter LBS	Filter WiFi

b) Enter the main monitoring number

The main monitoring number will receive text messages alerts from the device, e.g. if it has a low battery.
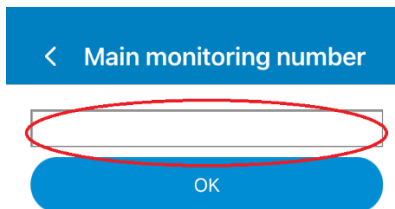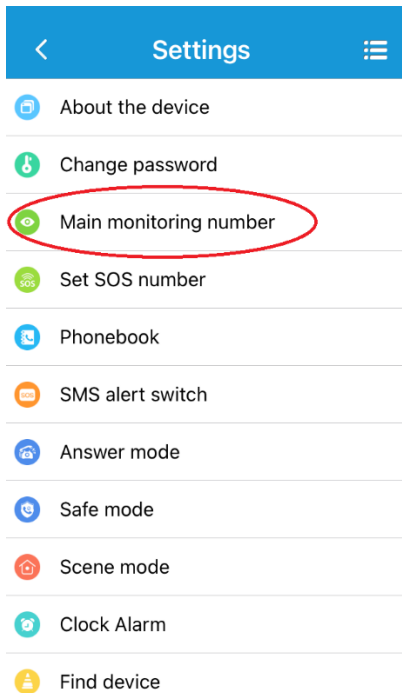

Turn the SMS alert switch on:
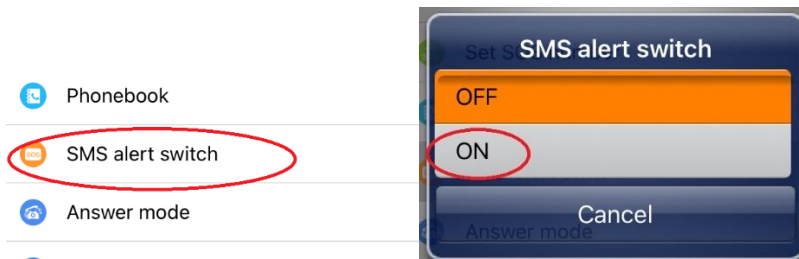
c) Enter up to three SOS numbers

Most people will re-enter the main monitoring number as the first SOS number.

When the user presses the SOS key for 5 to 7 seconds, the tracker will call the first number. If there is no answer, the tracker will call the second number. If there is still no answer, the tracker will move to the next number. It will continue to call each number in cycle until the call is answered.

Please note that an answering machine will count as an answered call. You will need to disable your voicemail if you want the tracker to call the next number.
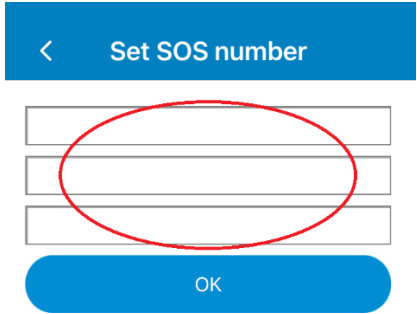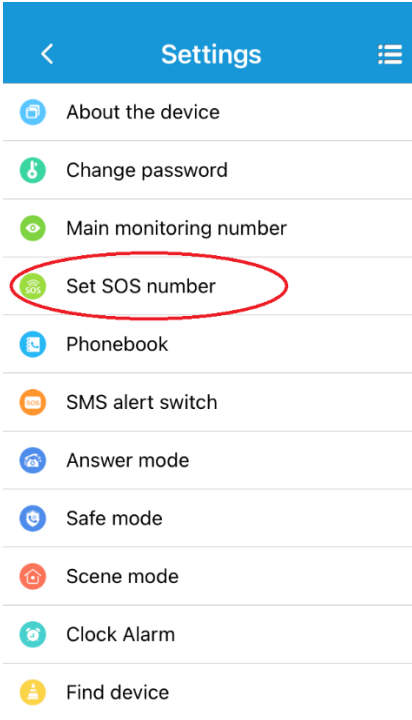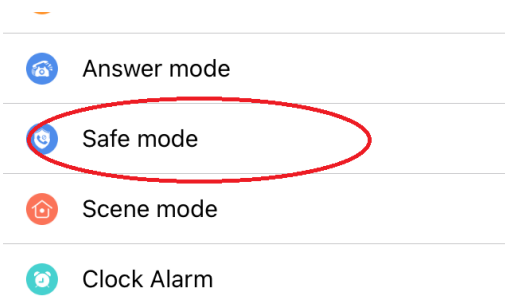
d) Enter up to 15 numbers into the phonebook.

These are trusted numbers which are able to make a call to the tracker. If safe mode is turned on (recommended) any number not on this list will be rejected by the tracker.
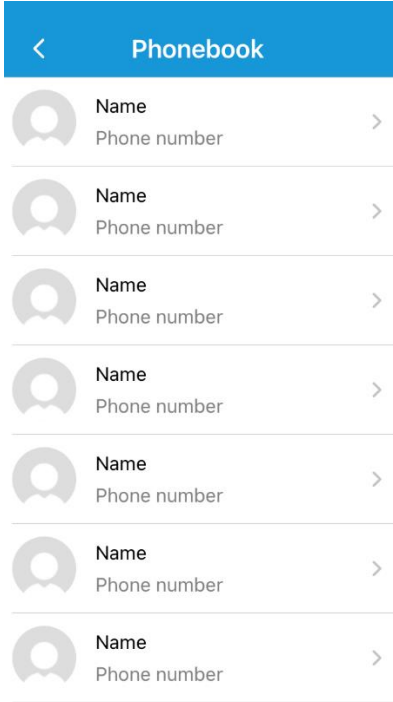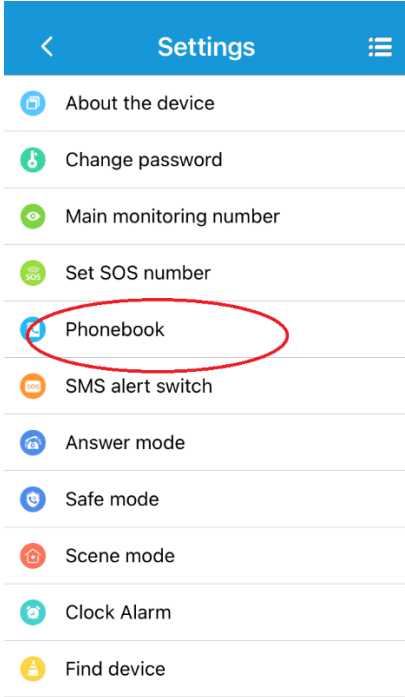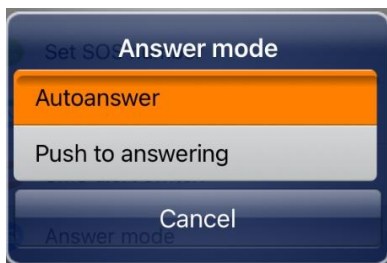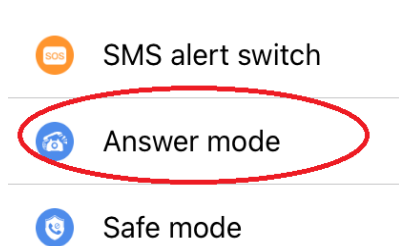

Turn on safe mode (recommended):

e) Answer mode

An incoming call to the tracker can be answered by pressing the SOS button ('push to answering').

Alternatively, the tracker can be set to auto-answer ('autoanswer').

SMS alert switch	**Answer mode**
Answer mode	Autoanswer
Safe mode	Push to answering
	Cancel

Other settings

Scene mode - this sets the alert on the tracker for incoming calls, pill reminders etc. There are four modes to choose from – ring, vibrate, vibrate & ring and silent.

Alarm clock - set a reminder.

Find device – after the command is sent, the tracker will make a noise to help you to locate it.

**Device language and time zone** – set the language and time zone.

Remote reboot – to reboot the tracker (you won't lose your settings).

Remote power off – Once the SIM card has been inserted, the tracker can only be powered off from the App. You cannot turn the tracker on from the App – to turn it back on again you should press and hold the SOS button for 7 seconds.

Factory reset – to restore the factory settings.

Photo – to instruct the pendant to take a photo.

Picture – To view the photos.
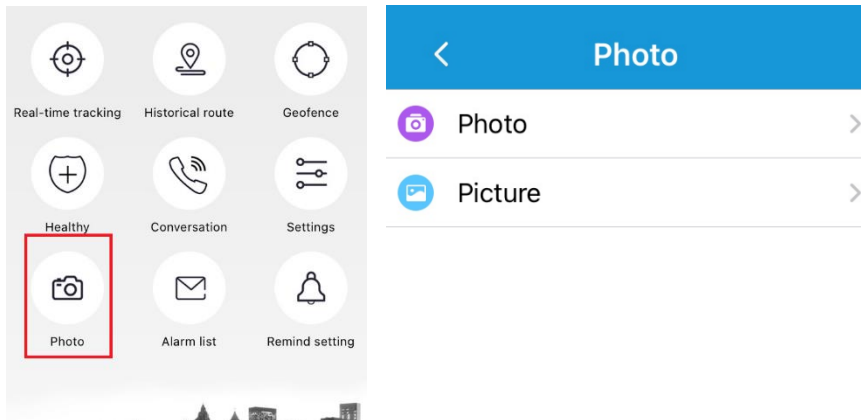
Using the tracker to make and receive calls

SOS Urgent Help – Press the SOS button for 5 to 7 seconds. The tracker will call the SOS numbers set in the App until one of them picks up. Otherwise, the tracker will cycle through the numbers (you will need to disable your voicemail for the tracker to recognise a call as unanswered). Once the SOS button has been triggered, the tracker will take a photo of the surroundings and send this to the App.

Incoming calls – when a call is made to the tracker, it will ring. How to answer an incoming call will depend on how the answer mode has been set (see page 14).

Press to answer – when a call comes in, you can answer by pressing the SOS button once. To hang up, press the SOS button twice.

Autoanswer – after two rings, the tracker will pick up the incoming call automatically. Press the SOS button once to end the call.
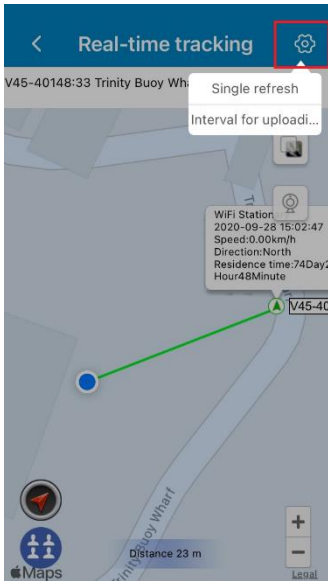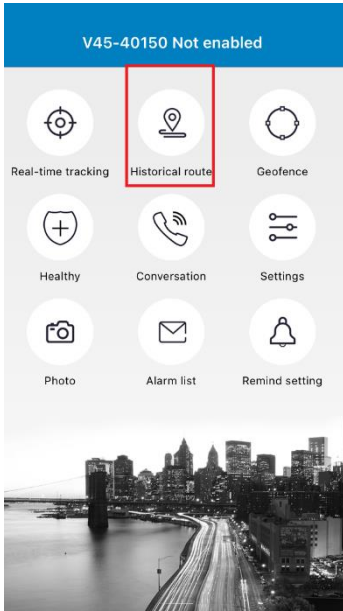
Tracking/ GPS Settings
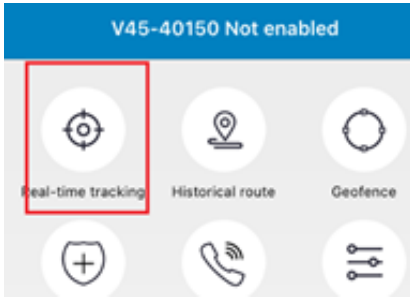
Real time tracking

Displays the last location of the tracker.

For the latest location, press the "single refresh" button on the upper right corner of the map. Press "interval for uploading" and choose different interval times.
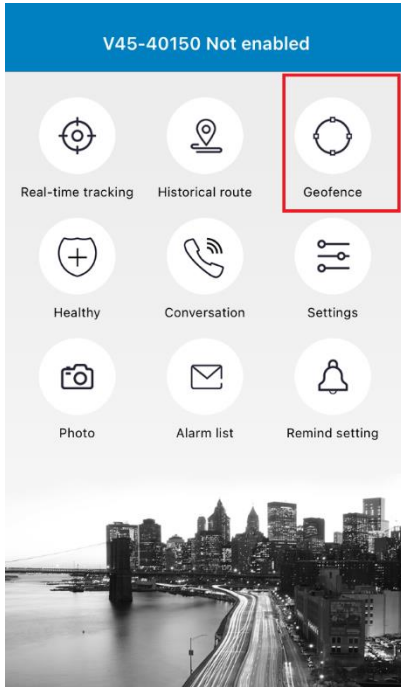
Hisorical route

Displays the historical route of any day in the last 90 days.

You can choose whether to filter out LBS location data (LBS location uses the nearest mobile phone tower - it is much less accurate than GPS, but can be used as a backup if the GPS location can't be found, e.g. if the person is in a tunnel).
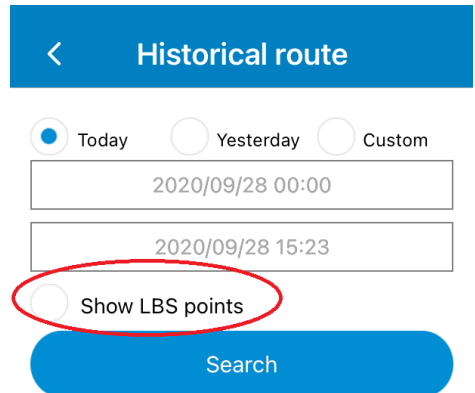
Geofence

You can set the tracker to automatically alert you if it moves outside a pre-defined area.

GPS Fence

When the device goes into or out of the GPS fence, the App will give an alert (we suggest that the radius of the GPS fence is set to over 300 meters to reduce false alerts).
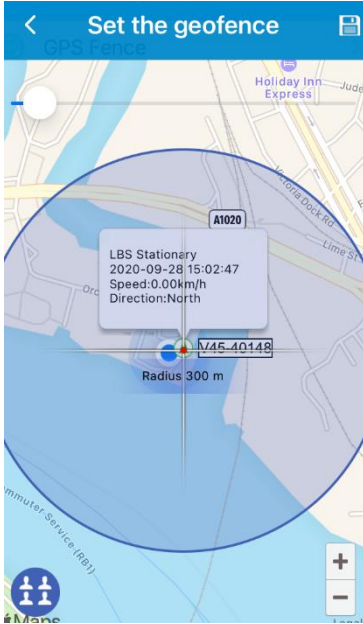

Give your geofence a name and click inside the radius box to select the area on the map.

You can use the slider to select the diameter of the circle.
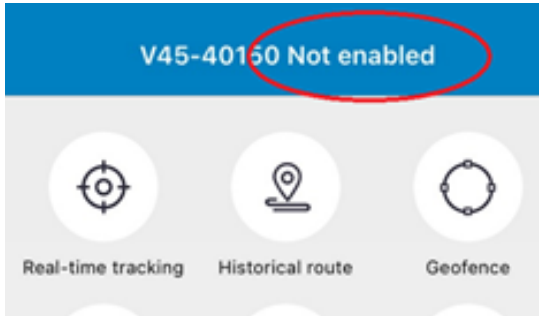
Drag the circle around the map to select your area.

Wifi Fence

You can choose two WIFI hotspots as safe zones. When the tracker moves outside the WIFI zone, the App will give an alert.

Troubleshooting

The SIM card has a data plan, but the device status is "not enabled" within the app.

Not enabled means that the tracker cannot access the Internet.

a) Check that the SIM card has credit and a suitable data plan.

b) Occasionally, it is necessary to manually configure your tracker so that it can access the Internet, by sending your network's Access Point Network (APN) settings.

You will need to go to your network providers website and find out the following pieces of information:

APN name e.g. wap.vodafone.co.uk
username e.g. wap
password e.g. wap
MCC code (mobile country code) e.g. 234
MNC code (mobile network code) e.g 15

You will need to use your own mobile phone to text the settings to the tracker.

Step 1

Set the "main monitoring number" as your mobile phone number by sending this command as a text message to the tracker's SIM telephone number:

pw,123456,center,yourmobilenumber#

Your mobile number should be entered with the country code e.g. +447123456789

Step 2

Send this command as a text message to the pendant SIM's number:

apn,apn name,username,password,MCC code & MNC code#

e.g. apn,wap.vodafone.co.uk,wap,wap,27602#

(all lower case)

Too complicated? Please contact us and we can do this for you.

I am using Pay as You Go SIM and the tracker screen is constantly displaying the balance - how do I get rid of this?

Contact your network provider to disable balance alerts from being sent to the SIM number each time the balance changes. To clear the message, use the "remote reboot" button in the settings screen of the App.

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Scan the QR code to download the App