











# iTraq Nano User Guide





# Global Location Tracking Device with the Longest Battery Life

## Key benefits

-  Gives you peace of mind by helping you keep track of your loved ones and valuables.
-  Has an SOS button that allows iTraQ Nano to send an alert message to family members and friends notifying them of your location.
-  Has extra-long battery life (up to 4 months) on a single charge.
-  Works globally. Includes free trial period.
-  Provides accurate reporting both indoors and outdoors.
-  Can be triggered to report when motion is detected.
-  Is very small (2.16 x 2.16 x 0.43in) and lightweight (1.09oz).
-  Reports ambient temperature and can be triggered when it reaches some threshold.

## How It Is Used



### In the **CONSUMER** world

- Track your loved ones and valuable belongings.
- Feel safer knowing where the person you love is located. Get an alert when they leave the safety of their home.
- Attach an iTraQ Nano to your luggage and make sure that no matter what country it is, you will always be able to find it.
- Keep iTraQ Nano in your car or on your bicycle and report its location to the authorities in case of theft.



### In the **BUSINESS** world

Use iTraQ location tracking Platform and API to:

- Track your valuable assets
- Track your shipments



# Get Started

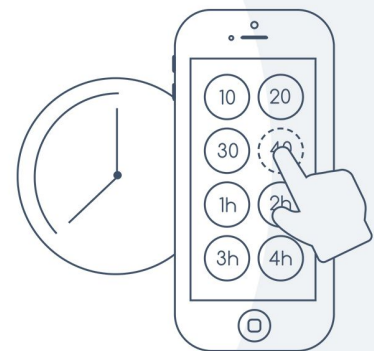


## 1. Download the iTraq mobile application and Sign Up



## 2. Add your iTraq Nano

Scan the QR code or enter the Serial number.



## 3. Set up the schedule for location reports

This schedule will be sent to the iTraq Nano during the next communication session Get Started.

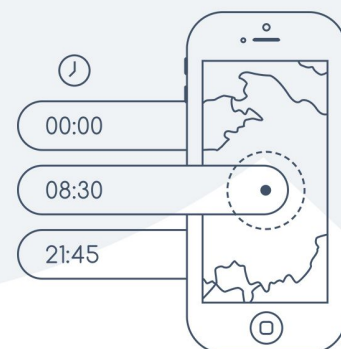


## 4. Charge your iTraq Nano

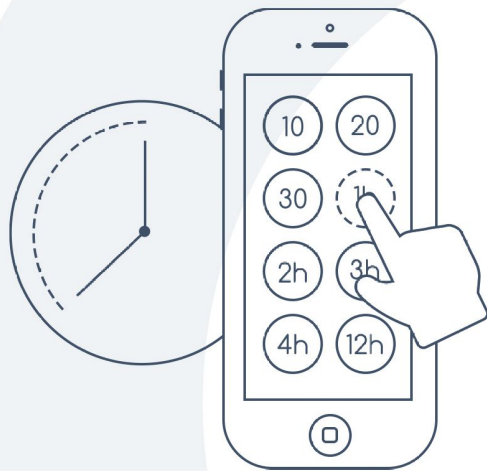
Place your device directly onto the charging pad. Make sure the iTraq Nano light turns on.

## 5. Check the location of the device

iTraq Nano reports its location on the schedule you set. It can take a few minutes for the first report to appear.

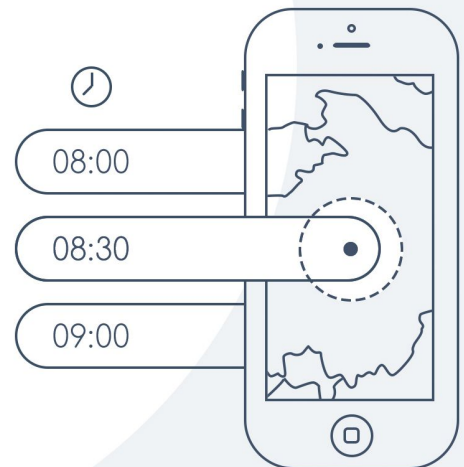


# Important Information



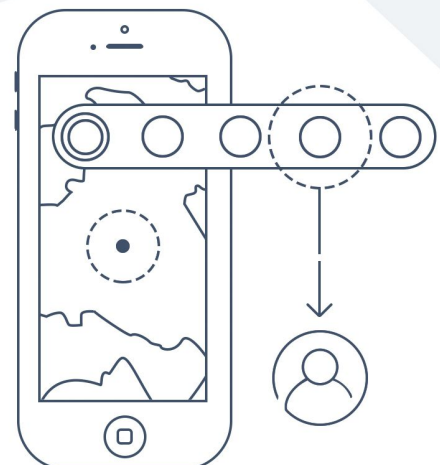
- iTraq Nano is NOT a real-time tracker. iTraq Nano operations are driven by a defined schedule. Using free iTraq Nano mobile application (iOS or Android), you can define the frequency of the location reports. These reports can range from every 10 minutes to once a day. The battery life depends on the frequency of the reports. The more reports per day – the shorter the battery life.

- Please note that between reports iTraq Nano is in a deep sleep state, preserving the battery. However, it can be triggered to report by motion or temperature sensor.



- In the iTraq Nano mobile application you can choose the device mode:
  - Regular (best tracking mode)
  - Battery Saving Mode (best for battery life)

- If you have multiple iTraq Nano devices, you can track them all in a single mobile application.
- You can share iTraq Nano device with other people. They will be able to see the location of the shared iTraq Nano, but will not be able to change settings.







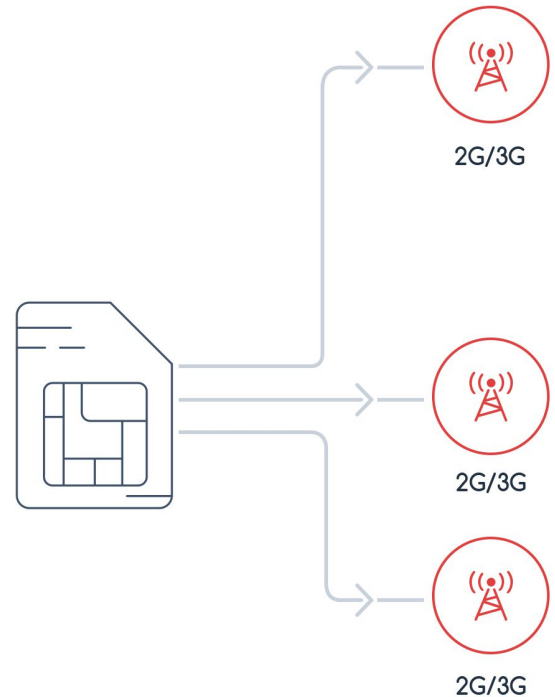
# Connectivity

iTraq Nano uses 2G/3G/Nb-IoT\* cellular technology to communicate. iTraq Nano comes with global embedded SIM card pre-installed. This SIM card works in all countries where mobile coverage exists. Your subscription to iTraq service includes global roaming at no extra fee.

## IMPORTANT:

If there is no 2G/3G cell coverage, the device may know its location but will not be able to communicate it to the iTraq platform.

\*for iTraq Nano, USA version only.



## iTraq Nano Battery



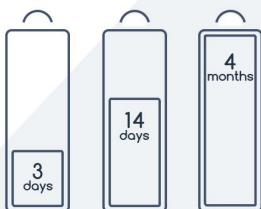
## Charging iTraq Nano

Place your device directly onto the charging pad. Make sure iTraq Nano light turns on. It takes 2 hours to fully charge the iTraq Nano.

Green light - iTraq Nano fully charged  
Red light - iTraq Nano not fully charged

## IMPORTANT:

If the device is fully discharged it might take some time (10-20min) before the device will have enough charge to send the first report.

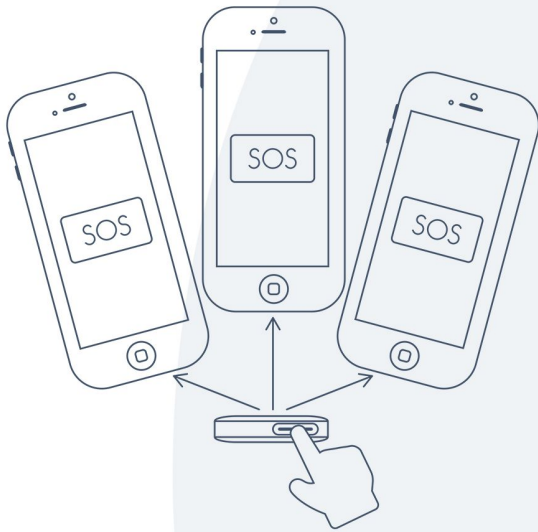


## Longest Battery Life

Depending on the reporting schedule you can expect:

- 4 months battery life for once a day reports
- 14 days battery life for once an hour reports
- 3 days battery life for every 10 minutes reports

# SOS Button



Press SOS button for 5 seconds until you hear the long beep. iTraq Nano will send an alert message with your exact location to you and users with whom you have shared iTraq Nano. When alert message will be delivered you will hear short beep.



## Location Triggers

iTraq Nano can be triggered to report by 4 conditions:



### Schedule

You can define the frequency of the location reports based on your needs.



### SOS button

You will get an off-schedule report by pressing SOS button.



### Accelerometer

The accelerometer detects different types of motion. It can be turned on to report when motion is detected.



### Temperature sensor

The temperature sensor measures the ambient temperature. It can be turned on to report when it reaches a specified threshold.



# iTraq Nano Service Subscription

12:00



iTraq Nano comes with **2000 location reports** that have expiration time of one month (whichever happens first).

12:30



This means that once you run out of 2000 location reports or after one month from the device activation you need to buy a subscription to iTraq service.

13:00



The count of location reports and expiration time count starts from the moment you add iTraq Nano to your mobile application.

13:30



14:00



Monthly subscription: \$5.90/month.  
Annual subscription: \$59/year.

14:30



Subscriptions are non-refundable, so you will not get the pro-rated refund if you decide to stop using you iTraq Nano and cancel your subscription.

15:00



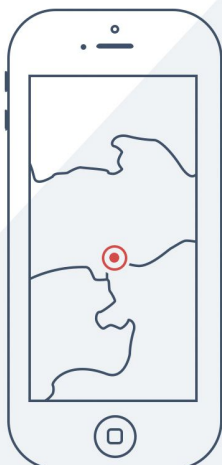
## Location Accuracy



iTraq Nano uses several methods to detect the location:

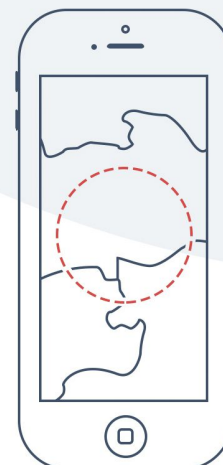
- WiFi triangulation. The optimal method in terms of accuracy and energy efficiency. Usually iTraq Nano uses this method indoors.
- GPS/GLONASS. The most accurate method but consumes more power. Usually iTraq Nano uses this method outdoors.
- Cell tower triangulation method. Lower accuracy.

Depending on the method, it will appear differently in the app.



Accurate

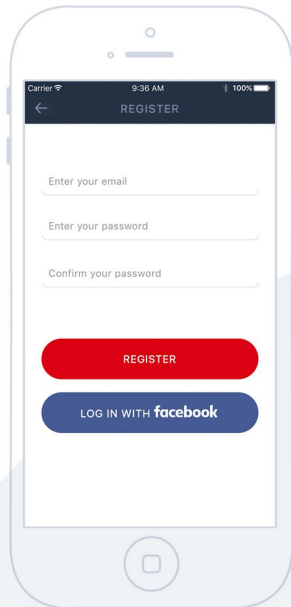
Not very accurate



# Using your iTraq Nano Mobile Application

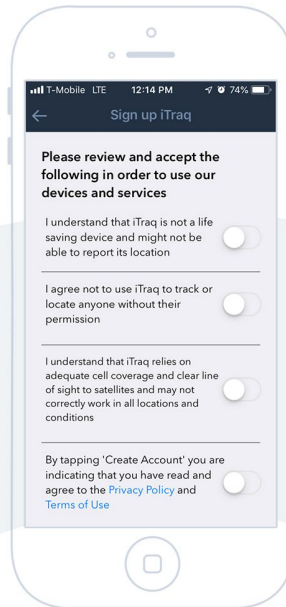
## 1. Registering for the First Time

When registering for the first time enter your email and password, and click "Register". You can also log in using your Facebook account.



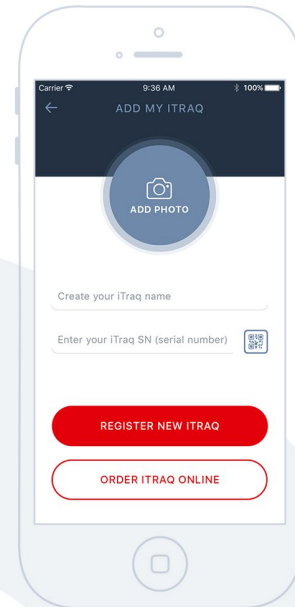
## 2. Acceptance

Review and accept the terms and conditions.

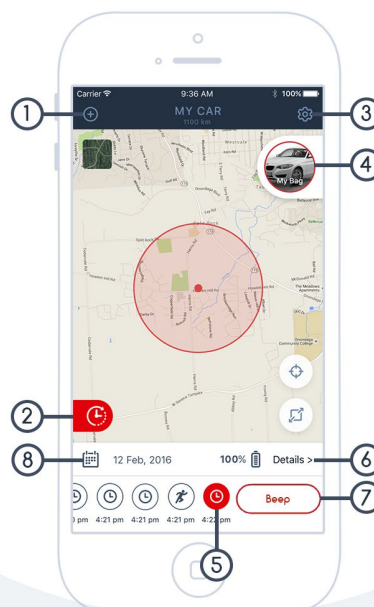


## 3. Adding iTraq Nano

Create name for your iTraq Nano, add photo, enter the serial number or scan QR code with your phone camera, and click "Register". To add another iTraq Nano device click "+" on the top left corner of the main screen.



## 4. Main Screen

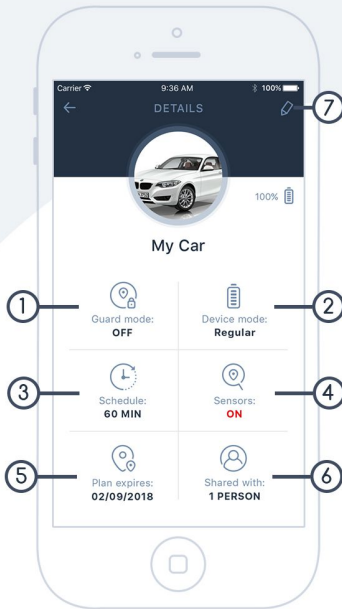


1. Click "+" if you want to add new iTraq Nano to your account.
2. Red Spinning Clock icon will appear when you make changes to the Traq Nano settings (Schedule, Sensors, Mode, Guard Zone). It will disappear when the settings are applied to the device.
3. Click "Cogwheel" if you want to change Account Settings.
4. Click "Device" if you want to see all devices added to your account.
5. Click "Report" if you want to get detailed information about the location report.
6. Click "Details" if you want to see or change the settings for the selected iTraq Nano device.
7. Click "Beep" button to make your iTraq Nano beep.
8. Click "Calendar" if you want to view location history of your iTraq Nano.



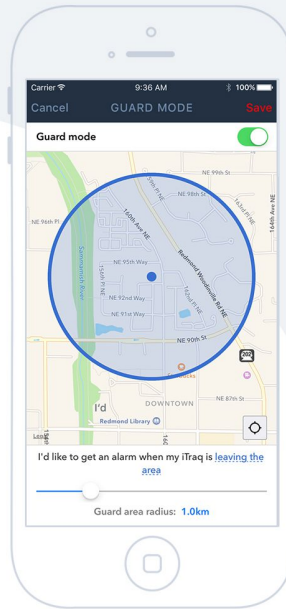
## 5. Details Screen

Once you click "Details" on the Main screen, you can see the settings for the selected iTraQ Nano device.



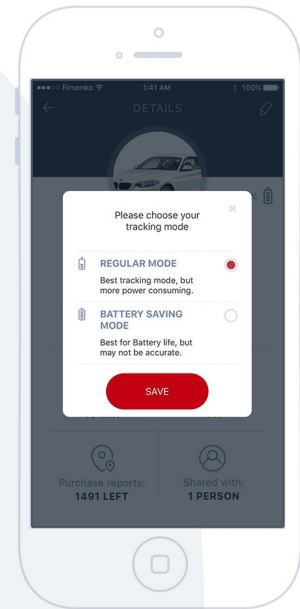
## 5.1. Guard Mode

You can define the Guard Zone by sliding the map and specifying the radius. Guard Zone alerts appear as notifications on your phone. Warning: The Guard Mode does not work in real time. The notification will be sent when device reports its location by: schedule, temperature or movement. iTraQ Nano will not send notifications if cell tower triangulation method is used.



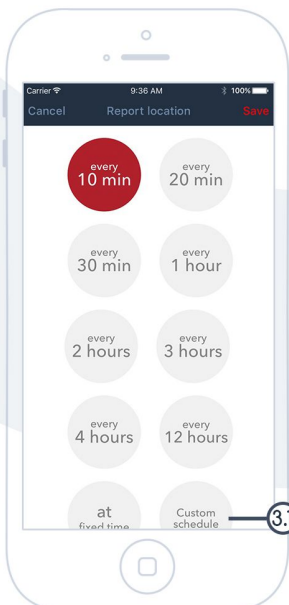
## 5.2. Switching Between Modes

You can choose your tracking mode: Regular Mode (best tracking mode) or Battery Saving Mode (best for battery life).



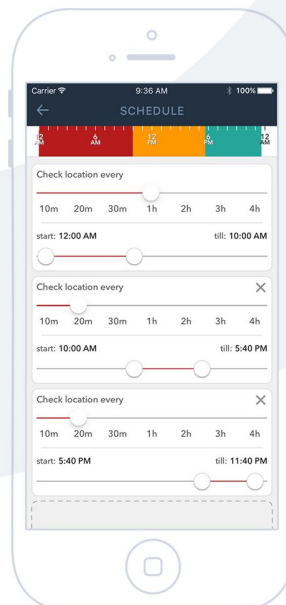
## 5.3. Scheduling Reports. Simple Scheduling.

Choose how often you would like the device to wake up and report its location.



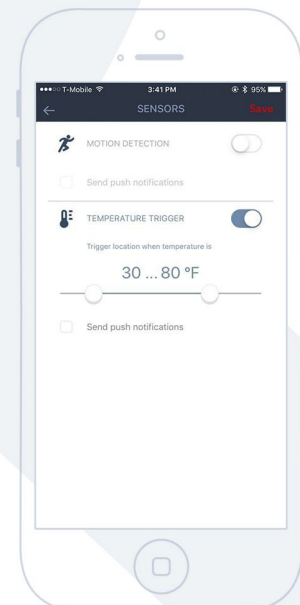
## 5.3.1. Scheduling Reports. Custom Schedule.

Set up custom schedule periods to report the location with different frequency.



## 5.4. Sensor Settings

Activate iTraQ Nano sensors to wake up when specific event occurs: motion is detected or specified temperature threshold is reached.



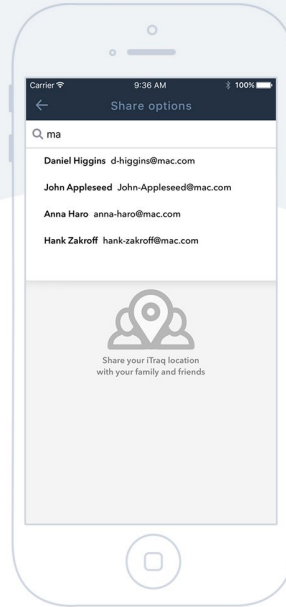
## 5.5. Buying iTraQ Nano Subscription

iTraQ Nano subscription plan includes an unlimited number of location reports. Subscription is non-refundable.



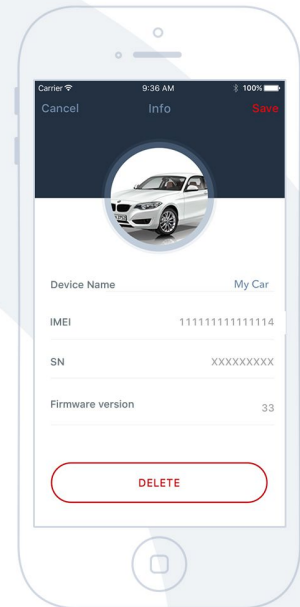
## 5.6. Sharing your iTraQ Nano With Other People

You can share your iTraQ Nano with other people. Just enter their email and ask them to install the iTraQ application. They will receive notification that iTraQ Nano has been shared with them.



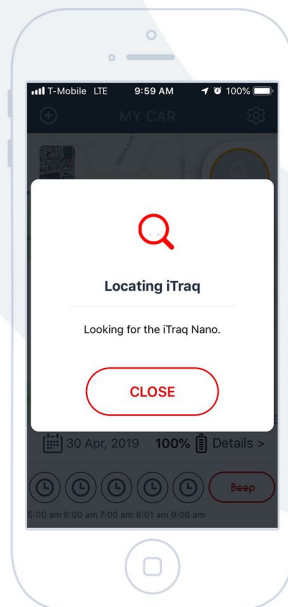
## 5.7. Edit iTraQ Nano Information. Deleting iTraQ Nano.

Click "Pencil" on the "Details" screen to see/edit device information. You can delete your iTraQ Nano from your account if you transfer ownership to another person.



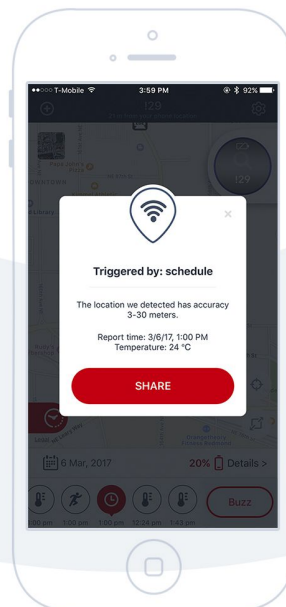
## 6. Using Beep Function

To make your iTraQ Nano beep, click "Beep" button on the bottom right corner. The range is up to 10m (33ft).



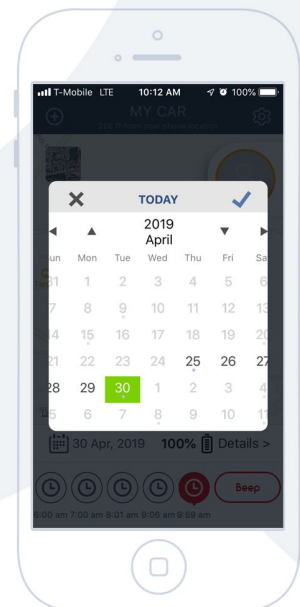
## 7. Detailed Information

Click any "Report" icon to see detailed information in the location report. When you click "Share" you will be able to see the location of iTraQ Nano in Maps or share it with another person using other options.



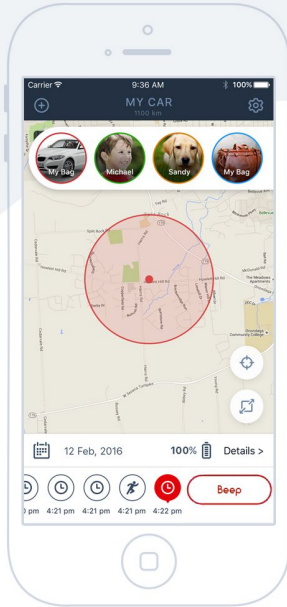
## 8. Viewing Location History of your iTraQ Nano.

Click "Calendar" on the Main Screen to view a particular date. Then click a date to view location history of your device.



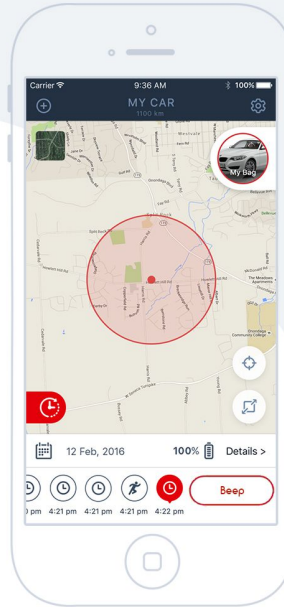
## 9. Switching Between Multiple iTraQ Nano Devices.

If you have multiple iTraQ Nano devices, click on the Device icon on the Main screen to see all devices added to your account.



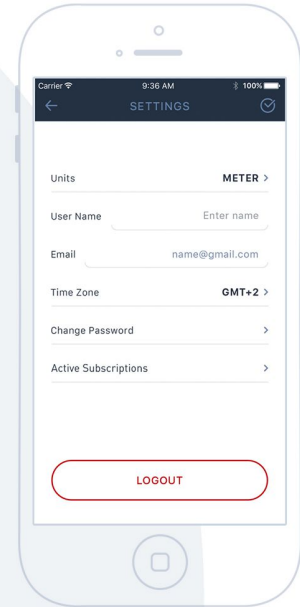
## 10. Waiting for Changes to be Sent to iTraQ Nano

Once you make changes to the iTraQ Nano settings (i.e. Schedule, Sensors, Mode, Guard Zone) you will see a Red Spinning Clock icon on the screen. It will disappear when the settings are applied to the device.



## 11. Account Settings

Click "Cogwheel" on the Main screen to change account settings.



# Technical Specification



## General Specifications

Dimensions	2.16 x 2.16 x 0.43in (55 x 55 x 8mm)
Weight	1.09oz (31g)
Battery	3.7v, Li-Ion 450mAh
SIM Card	Embedded SIM
Operating Temperature	-20°C ~ +60°C
Certification	FCC & CE

## Standby Time

One Report per Day	4 months
One Report per Hour:	14 days
One Report every 10 minutes	3 days

## Navigation

Wi-Fi Triangulation indoor / outdoor	Yes
GPS & GLONASS	Yes
Cell tower triangulation	Yes

## Miscellaneous

Beep function	Yes
SOS button	Yes
Wireless charging (Qi compatible)	Yes
LED	Yes

## Wireless

Cellular Network	2G/3G - iTraq Nano, Global version NB-IoT - iTraq Nano, USA version
Bluetooth	v4.1
Wi-Fi	IEEE 802.11 b/g/n

## Sensors

3-axis Accelerometer	Yes
Temperature Sensor	Yes

## Materials

Housing	Matt finish painted plastic
Dust / Water resistance	IP68