

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 SOS button that allows iTraQ Nano to send an alert message to family members and friends notifying them of the 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

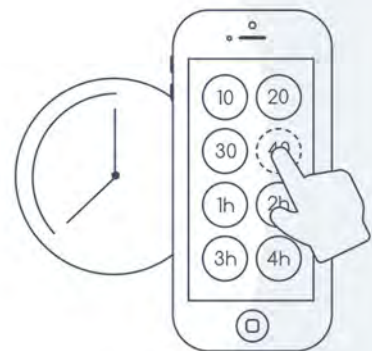


1. Download the iTraq Nano mobile application and Sign Up



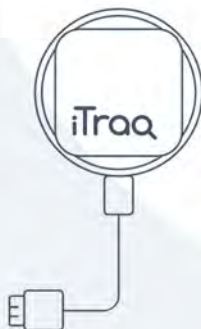
2. Add your iTraq Nano

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.

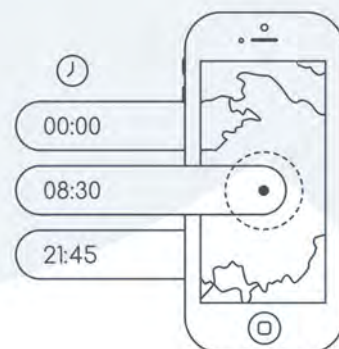


4. Charge your iTraq Nano

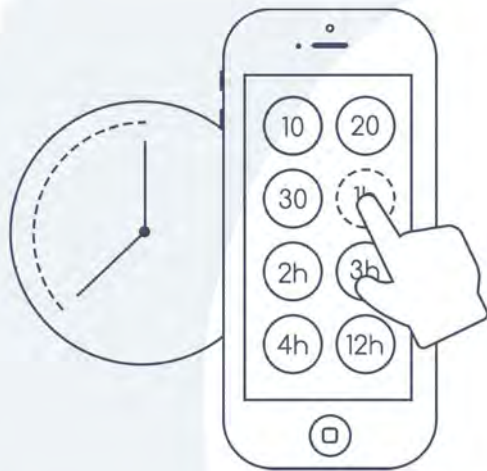
Place your device directly onto the charging pad. Make sure the iTraq Nano light turn on.

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.

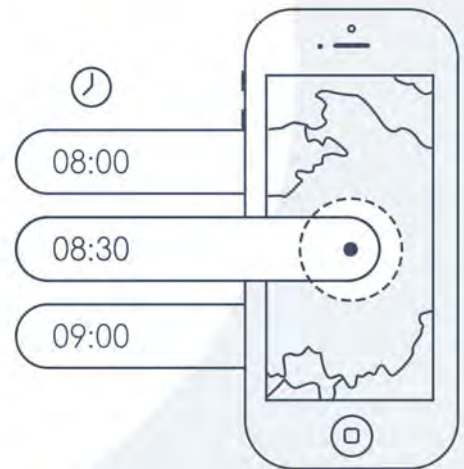


Important Information



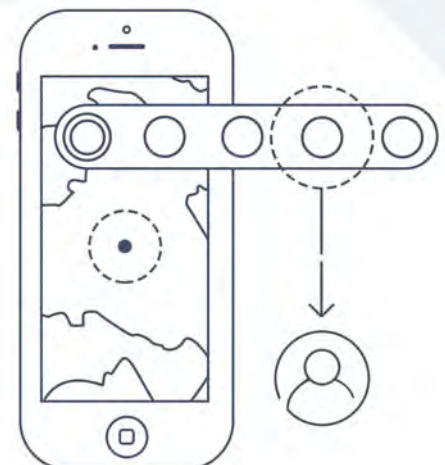
- iTraq Nano is NOT a real-time tracker. iTraq Nano operations are driven by a defined schedule. Using free iTraq Nano mobile application (iOS or Android), you can define the frequency of the location reports. These reports can range from every 10 minutes to once a day. The battery life depends on the frequency of the reports. More reports per day - 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, but power consuming)
 - Battery Saving Mode (may not be very accurate, but 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.





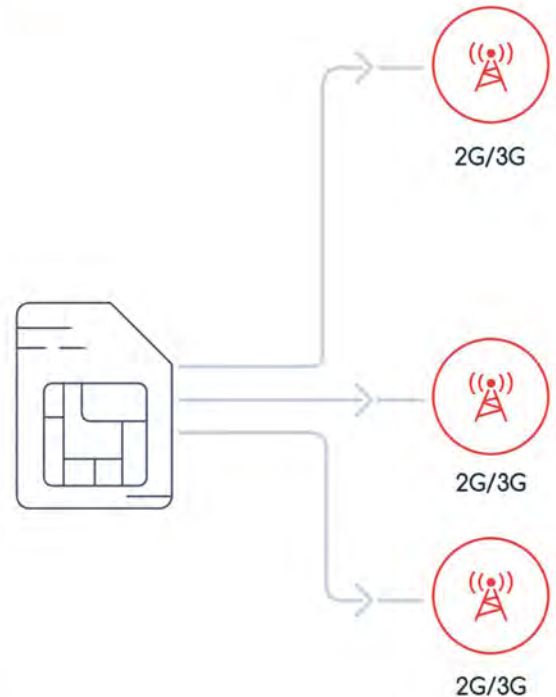
Connectivity

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 application 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, US only version.



iTraq Nano Battery



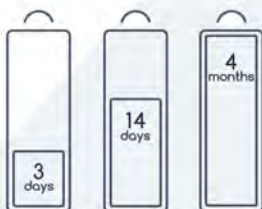
Charging iTraq Nano

Place your device directly onto the charging pad. Make sure iTraq Nano lights 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 was fully discharged it might take some time (10-20min) before the device will charge enough to send the first report.

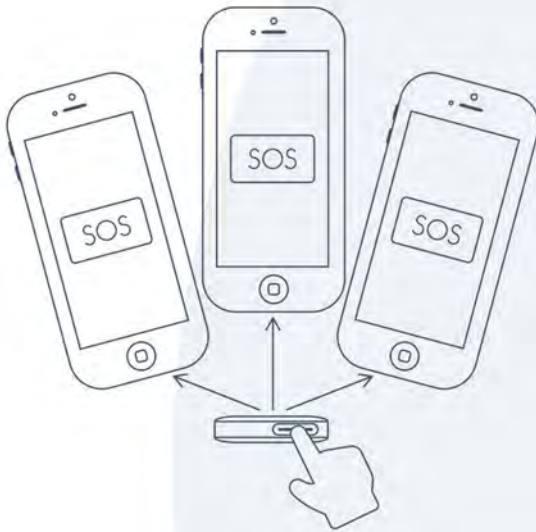


Longest Battery Life

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 with exact location to you and users whom you shared iTraq Nano with. When alert message will be delivered you will hear short beep.



Location Triggers

iTraq Nano can be triggered to report by 3 conditions:



Schedule

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



SOS button

You will get report out of schedule when SOS button is pressed.



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 service subscription



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

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.

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

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

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.

Location Accuracy



iTraq Nano uses several methods to detect the location:

- WiFi triangulation. The most optimal method in terms of accuracy and power consumption. Usually iTraq Nano uses this method indoors.
- GPS/GLONASS. The most accurate method but more power consuming. Usually iTraq Nano uses this method outdoors.
- Cell tower triangulation method. Not very accurate.

Depending on the method it can be shown differently in the app.



Accurate

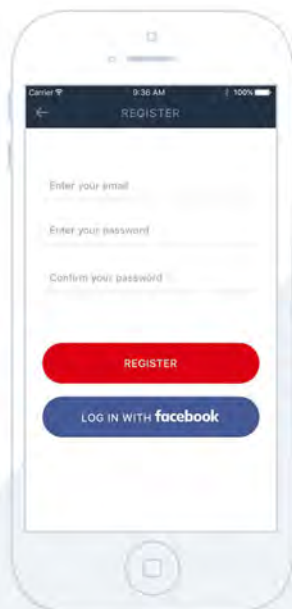
Not very
accurate



Using your iTraq Nano Mobile Application

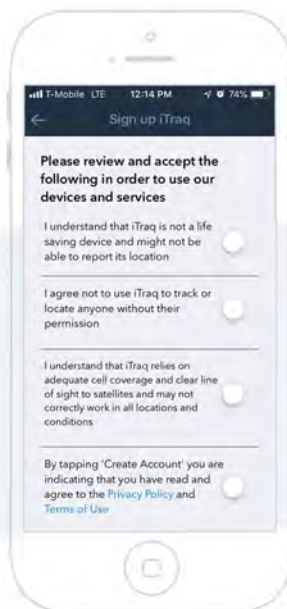
1. Registering for the First Time

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



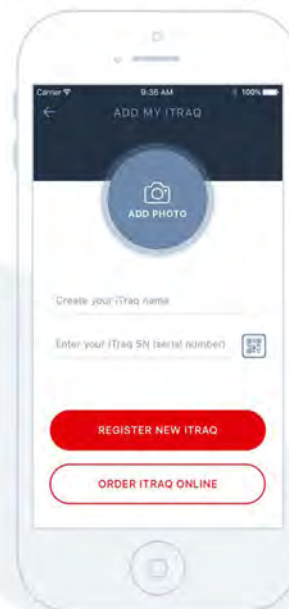
2. Acceptance

Review and accept the terms and conditions.



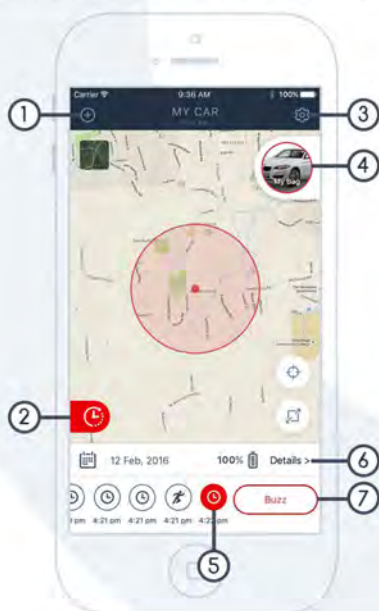
3. Adding iTraq Nano

Click "+" on the top left corner of the main screen to register the new iTraq Nano device. Give it name, add photo, and enter the serial number or scan QR code with your phone camera. You can remove sticker after adding. To add another iTraq Nano repeat steps.



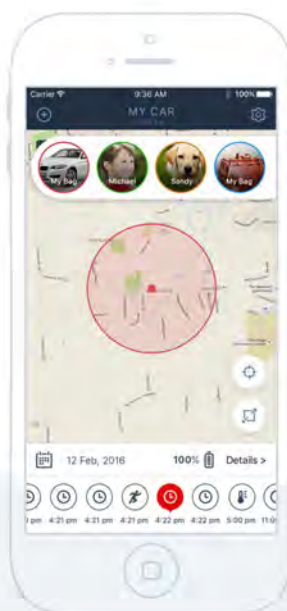
4. Main Screen

1. Click "+" if you want to add new iTraq Nano to your account.
2. You will see red Spinning Watch Icon, when you make changes to the Traq Nano settings (Schedule, Sensors, Mode, Guard Zone). It will be present until 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 devices.
7. Click "Buzz" button to make your iTraq Nano buzz.



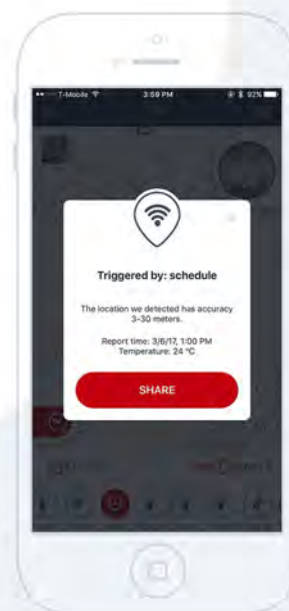
5. Switching Between Multiple iTraq Nano Devices.

If you have multiple iTraq Nano devices, click on the device icon on the main screen. This will show all devices added to your account.



6. Detailed Information

Tap the any report icon to get detailed information about 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 different options.



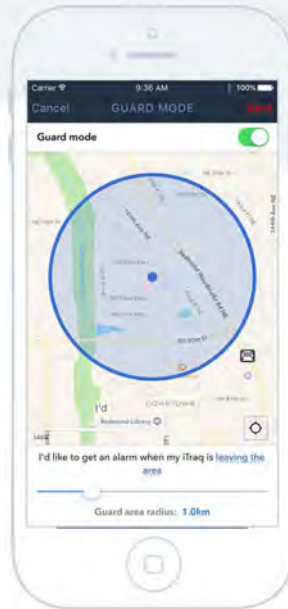
7. Details Screen

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



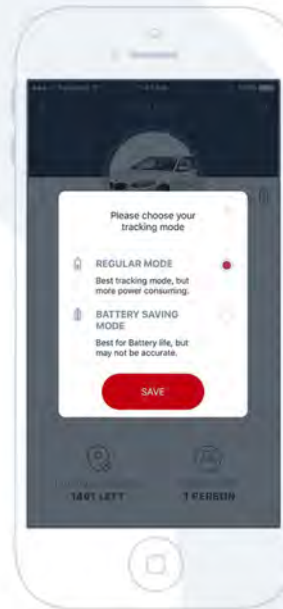
7.1. Guard Mode

You can define the Guard Zone by sliding the map and specifying the radius. "Leaving the area" and "Entering the area" criteria can be switched by clicking on the link. Guard Zone alerts are coming as notifications on your phone. Warning: iTraq Nano will not send notifications if cell tower triangulation method is used.



7.2. Switching Between Modes

You can choose your tracking mode: Regular Mode (best tracking, but more power consuming) or Battery Saving Mode (best for battery life, but may not be accurate).



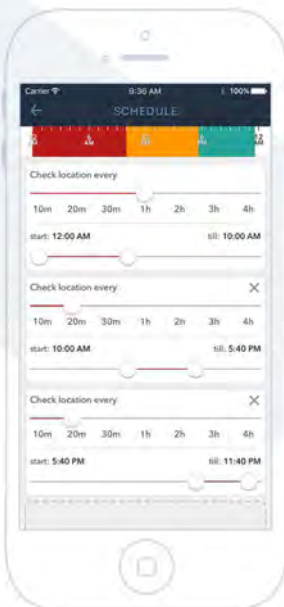
7.3. Scheduling Reports. Simple Scheduling.

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



7.3.1. Scheduling Reports. Custom Schedule.

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



7.4. Sensor Settings

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



7.5. Buying iTraq Nano Subscription

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



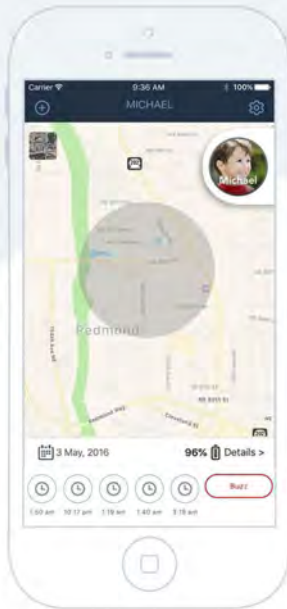
7.6. Sharing your iTraq Nano With Other People

You can share your iTraq Nano with other people. Just enter their email and ask them to install iTraq Nano application. They will receive notification that iTraq Nano has been shared with them. They will be able to see the location of the device, but will not be able to change settings.



8. Using Buzz Function

To make your iTraq Nano buzz, click Buzz button on the bottom right corner. The range is up to 10m (33ft).



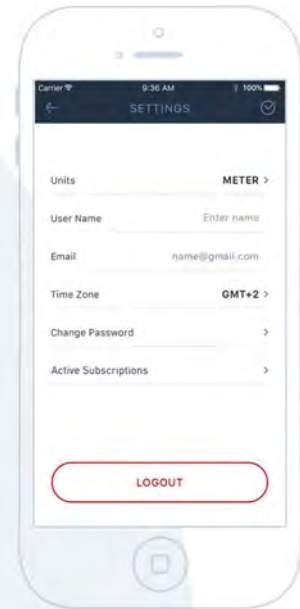
9. Edit iTraq Nano information. Deleting iTraq Nano.

Click "pencil" icon on the "Details" screen to see/edit device information. Also, you can delete your iTraq Nano from your account. It is useful when you transfer ownership to another person.



10. Account Settings

Click "Cogwheel" icon 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

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

Wireless

Cellular	2G/3G - iTraq Nano, Global version
Network	NB-IoT - iTraq Nano, USA only 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

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.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

Specific Absorption Rate (SAR) information:

This Mobile Phone meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.