iTraq

iTraq 3
User Guide

iTraq

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 extra-long battery life (up to 4 months) on a single charge.

- Provides accurate reporting both indoors and outdoors.

- Reports ambient temperature and can be triggered when it reaches some threshold.

- Can be triggered to report when motion or fall are detected.

- First 2000 location reports are included in price.

- Includes factory-installed SIM card that works globally.

- Powerful mobile applications for iTraq configuration and management.

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 to your luggage and make sure that no matter what country it is, you will always be able to find it.

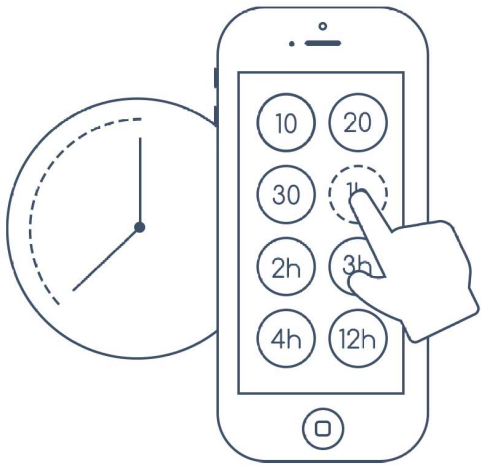- Keep iTraq in your car or on your bicycle and report its location to the authorities in case of theft.

In the BUSINESS world

Use iTraq location tracking Platform and API to:

- Track your valuable assets

- Track your shipments

How it works

iTraq operations are driven by a defined schedule. Using free iTraq 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 is in a deep sleep state, preserving the battery. However, it can be triggered to report by motion or temperature sensor.
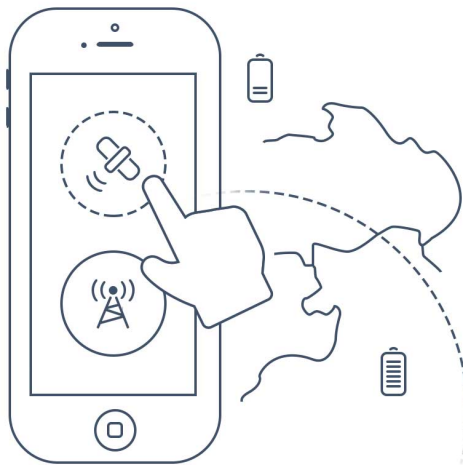
In the iTraq mobile application you can choose the device mode: Regular (accurate, shorter battery life) or Battery Saving Mode (not very accurate, longer battery life).

If you have multiple iTraq devices, you can track them all in a single mobile application.

You can share iTraq device with other people. They will be able to see the location of the shared iTraq, but will not be able to change its settings.
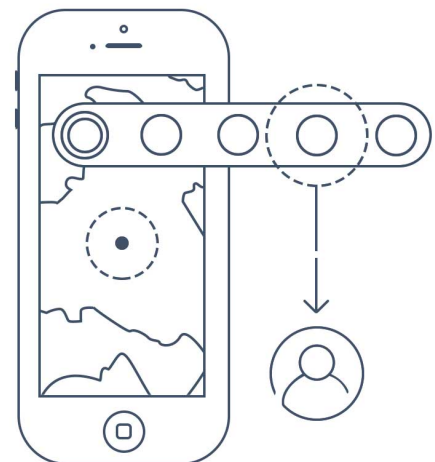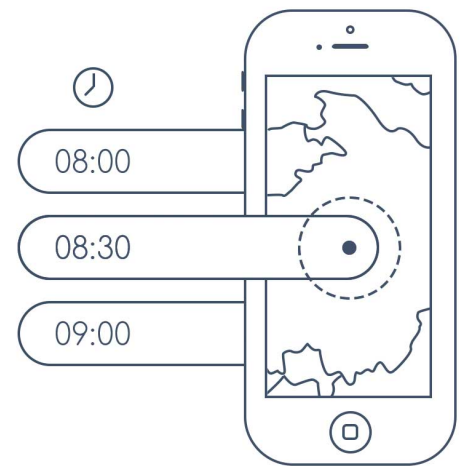
Connectivity

iTraq comes with global 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. iTraq is using 2G/3G cellular technology to communicate.

This means that 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.
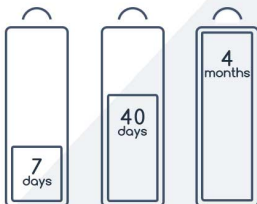
2G/3G

2G/3G

2G/3G
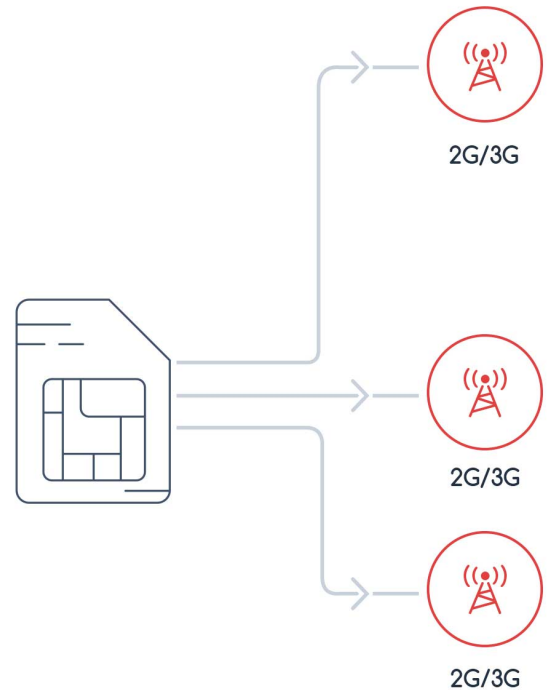
iTraq Battery
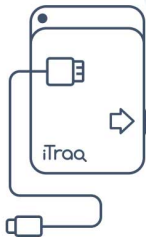
Charging iTraq

Connect Micro USB cable to the socket located on the right side of the device, under the rubber bumper.
Once the LED on iTraq turns on (red, when charging and green – when fully charged),
you iTraq is charging. It takes 2-3 hours to fully charge the iTraq.

Longest Battery Life

Depending on the reporting schedule you can expect 4 month of battery life for daily reports; over 40 days for once an hour reports; 7 days for reporting every 10 minutes.

iTraq service subscription

iTraq comes with 2000 location reports that have expiration time of one month.

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

The count of location reports and expiration time count start from the moment you add iTraq 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 your iTraq and cancel your subscription.
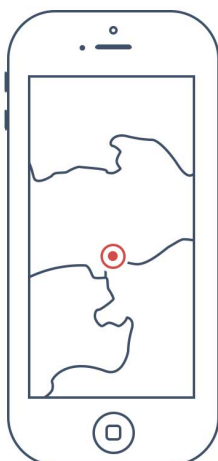
12:00
12:30
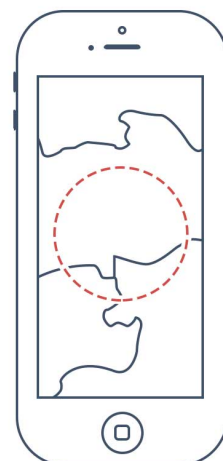13:00
13:30
14:00
14:30
15:00

Location Accuracy

iTraq uses several methods to detect the location. It uses a cutting edge method to detect indoor locations, GPS when iTraq has visibility of the GPS satellites (usually outdoors) or Cell tower triangulation method. Depending on the method it can be shown differently in the app.
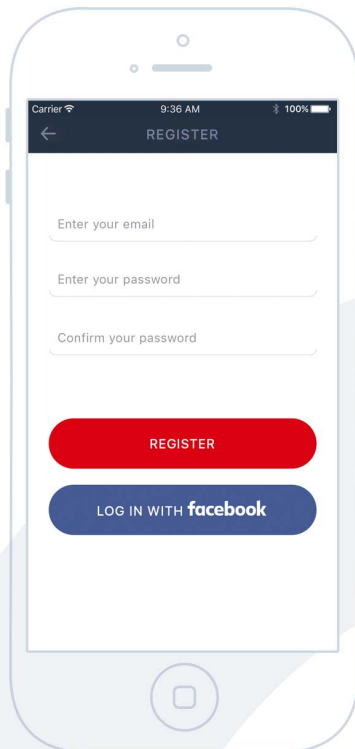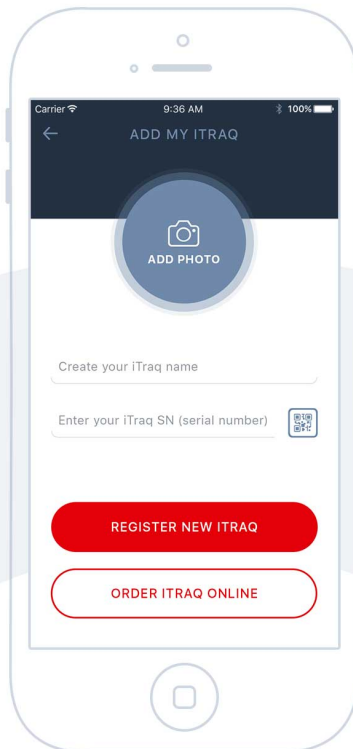
Accurate

Not very accurate

Using your iTraq mobile application

## Registering for the first time

When registering for the first time, enter your email and password. For simplicity, you can Login with your Facebook account.

Adding another iTraq

Click "+" on the top left of the main screen to register the new iTraq device. Give it a name, add photo and enter the serial number or click QR code button to read it off the device sticker with your phone camera.

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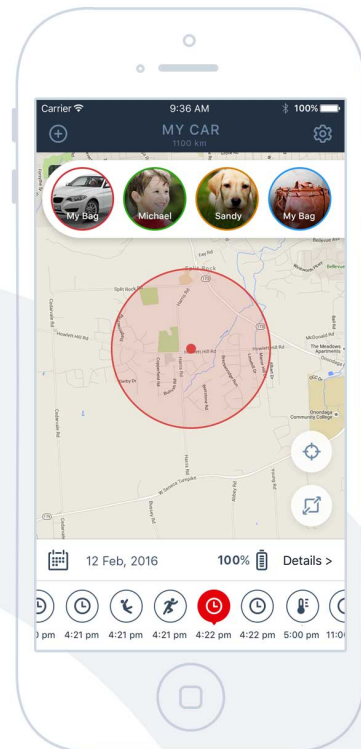
If you have multiple iTraq devices, click on the device icon on the main screen. This will show all devices added to your account

Location trigger types

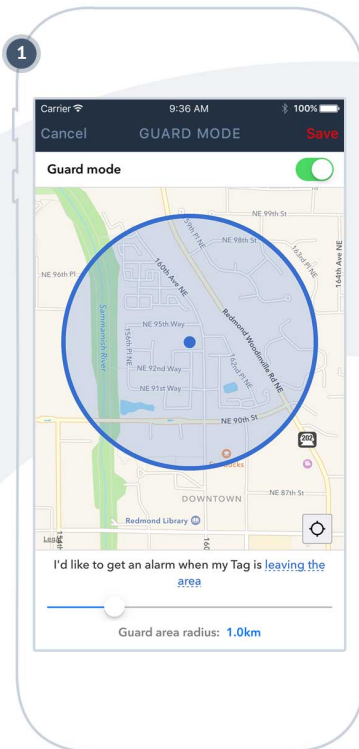Location was triggered by
free fall sensor

Location was triggered by
motion sensor

Location was triggered by
**temperature sensor**

Location was triggered by
schedule

Guard Mode

Zoom and slide the map to select the Guard Zone radius. "Leaving" or "Entering the area" criteria can be switched by clicking on the link .
Guard zone alerts are coming as notifications on your smartphone and are triggered only when accurate methods of triangulation are used (excluding Cellular triangulation).
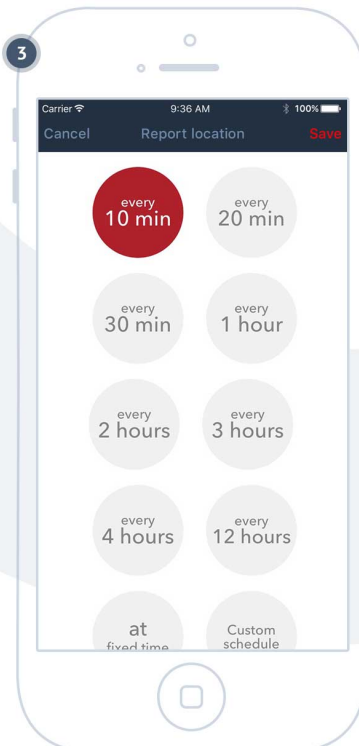
Details screen
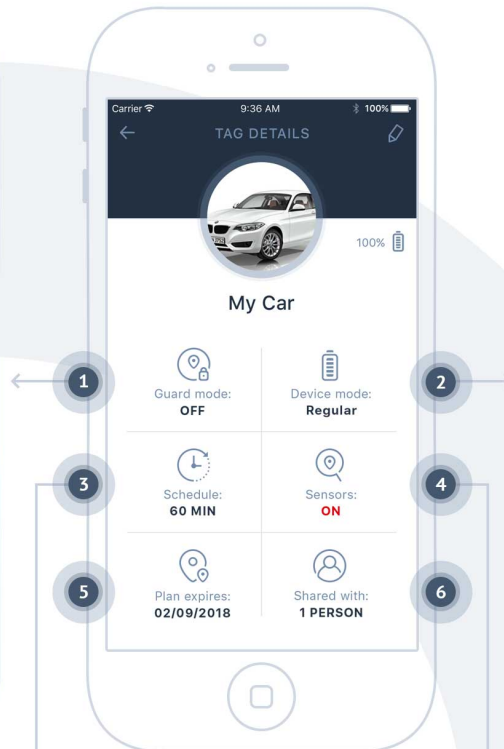
Once you click "Details" on the main screen, you can see settings for the selected iTraq device.
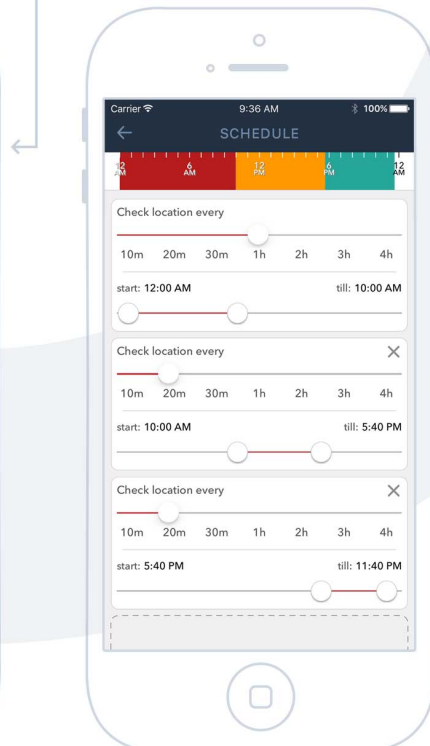
Switching between Modes
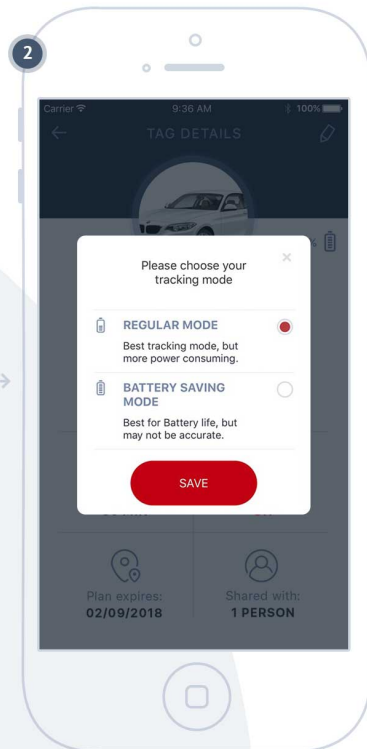
Switch between default location tracking mode. You can choose Regular mode (accurate, shorter battery life) or Battery Saving Mode (not very accurate, longer battery life).

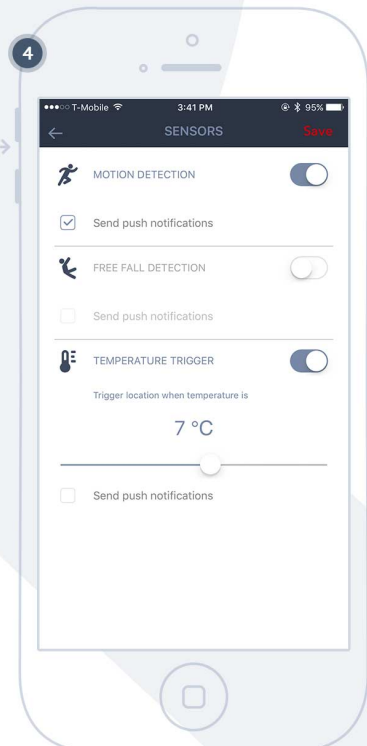## Scheduling reports. Simple schedule.

Choose how frequently you want the device to wake up and report its location.

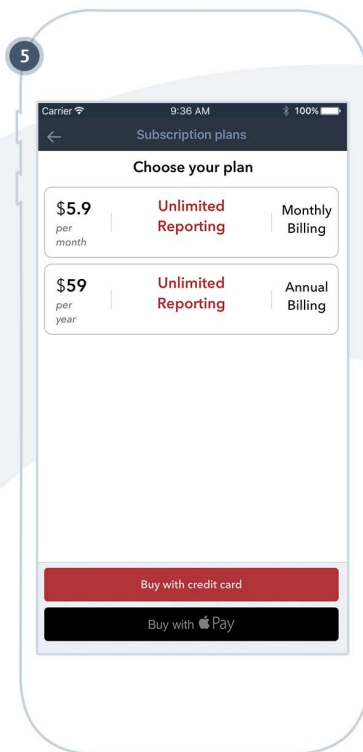## Scheduling reports. Custom schedule

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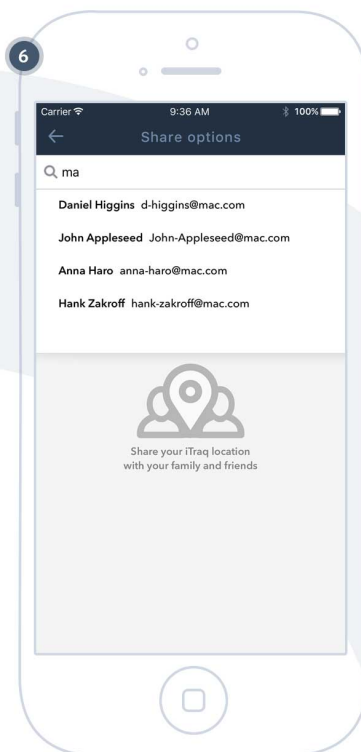
Sensor settings

Activate iTraq sensors to wake up the device when specific event occurs.

Buying iTraq subscription

When you subscribe to theiTraq service plan, it includes unlimited number of location reports . Subscription is non-refundable.

## Sharing your iTraq with other people

You can share your iTraq with other people. Just enter their email and ask them to install iTraq application using this email for registration. They will receive notification that iTraq has been shared with them.

Additional information
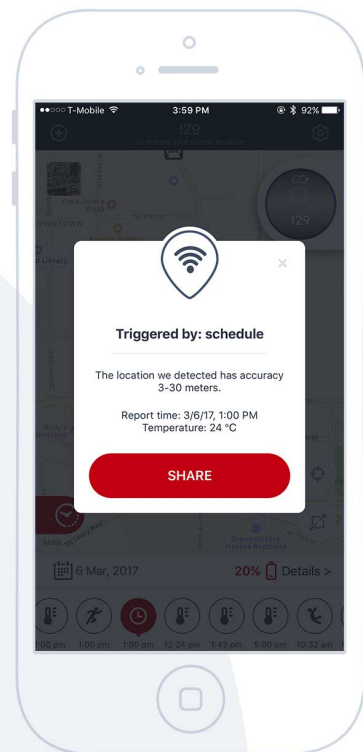
Tap the icon a second time to get detailed information about the location report.

Waiting for changes to be sent to iTraq
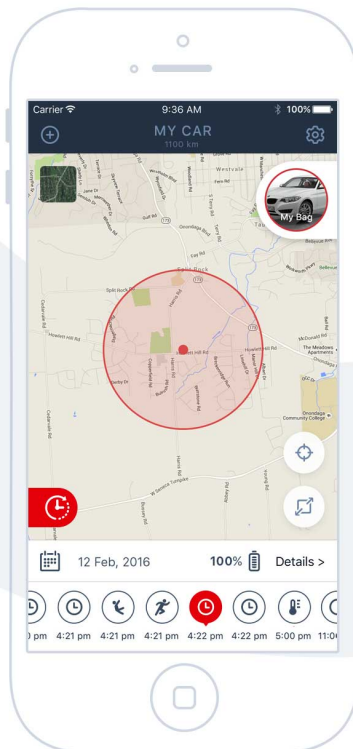
Once you make changes to the device settings (Schedule, Sensors, Mode, Guard zone), you will see this red spinning watch icon on the screen. It will be present until the settings are applied to the device.

Edit iTraq information. Deleting iTraq
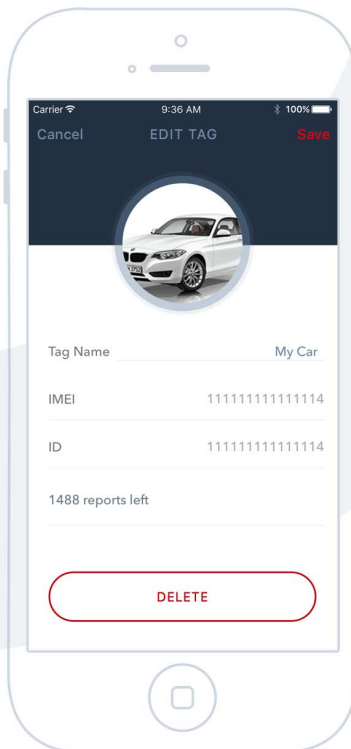
Click "pencil" icon on the "Details" screen to see/edit device information. This is also the place where you can delete the device from your account. (It is useful when you transfer ownership to another person).

Account settings
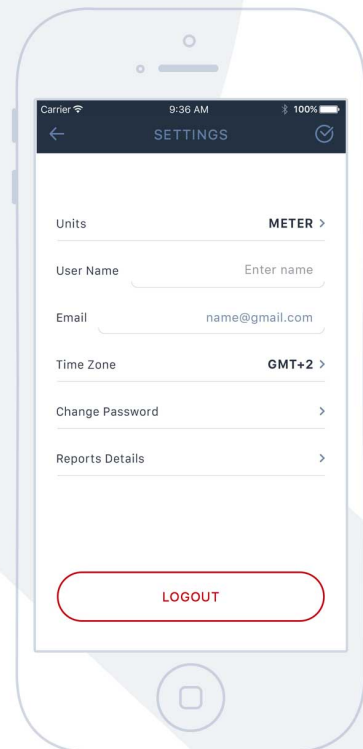
Click Cogwheel icon on the main screen to Edit/change account settings.

Technical specifications

General Specifications

Dimensions	99 x 56 x 8mm
Weight	55g
Battery	3.7v, Li-Ion 1200 mAh
SIM Card	Nano SIM (factory installed)
Operating Temperature	-20C ~ +60C
Certification	FCC & CE

Wireless

GSM	2G/3G Quad Band 850/900/1800/1900 MHz
Bluetooth	v4.1
Wi-Fi	IEEE 802.11 b/g/n

2/3G Test data refers to FCC ID:XPY1CGM5NNN

Standby Time

One Report per Day	4 months
One Report per Hour:	40 days
One Report every 10 minutes	7 days

Sensors

3-axis Accelerometer	Yes
Temperature Sensor	Yes

Navigation

Wi-Fi Triangulation indoor / outdoor	Yes
GPS & GLONASS	Yes
Base Station Triangulation / Cell-ID	Yes

Materials

Housing	Matt finish painted plastic
Dust / Water resistance	IP55

RE Exposure Statement
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 10mm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

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.