



# User Guide

## **Taoglas EDGE™ EC40** with CO2 Sensor

# Taoglas EDGE™ EC40

## with CO2 Sensor

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## User Guide

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# 1. Introduction

**Taoglas Air Insights™** empowers people with the ability to understand what's in their air and to optimise their surroundings if needed. With a customisable dashboard for ease of use, the Taoglas Air Insights is a plug and play, advanced air quality solution that automatically connects to the mobile network and gives instant, actionable advice to its users.

## 1.1 What's in the Box?

1. Taoglas EDGE EC40
2. Taoglas EDGE™ CO2 Expansion Pack
3. Micro-USB Cable
4. USB Power Supply - US Version (Regional adapters supplied with other SKU's)
5. Taoglas EDGE Insights™ Activation Card
6. Quickstart Guide

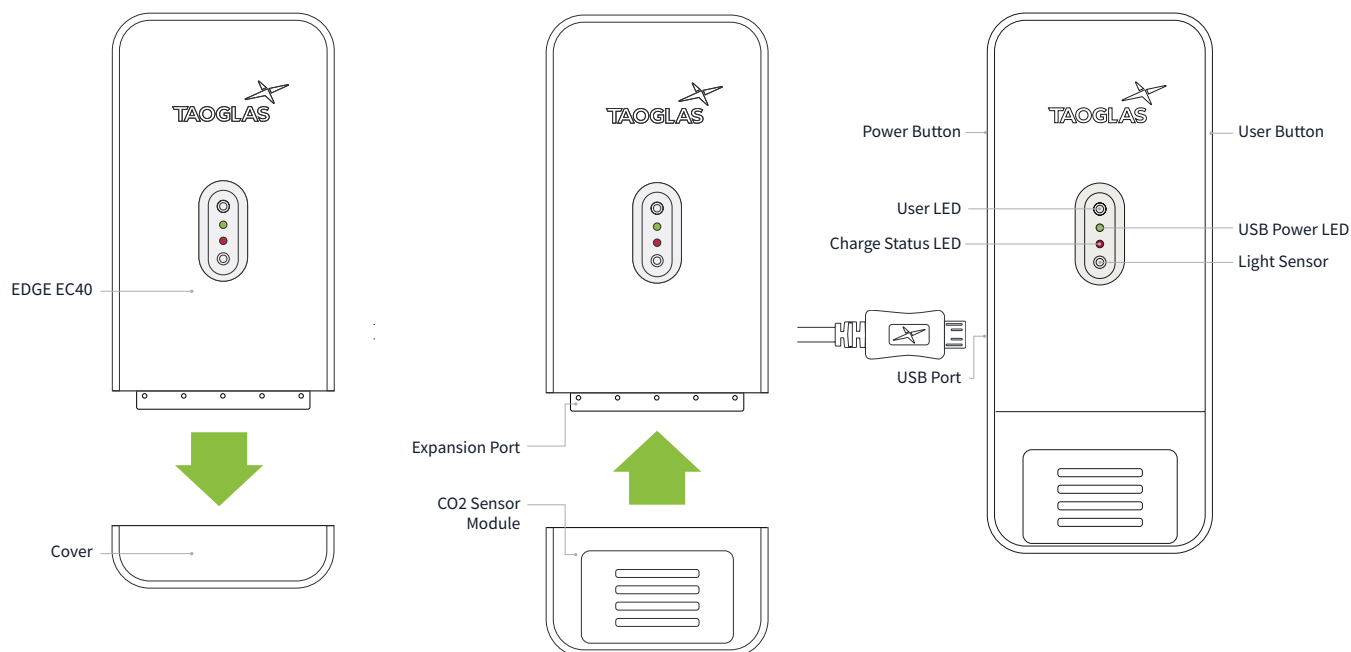


## 1.2 Support

For technical support please contact [iotsupport@taoglas.com](mailto:iotsupport@taoglas.com)

1. Go to <https://www.taoglas.com/product/edge-connect> to access
  - a. Datasheet
  - b. User Guides

## 2. Set Up



### 2.1 Device Startup:

1. Remove the cover from the bottom of the Taoglas EDGE™ Connect
2. Insert the **Taoglas EDGE™ CO2 Expansion Pack** in the EDGE EC40 Expansion Port 1.
3. To power on the EDGE EC40 press the Power Button once.
4. The EDGE EC40 should be **fully charged before use**, using the provided power supply. When you plug the EDGE EC40 into the provided USB power supply, the **USB Power LED** will illuminate. If the EDGE EC40 requires charging, the **Charge Status LED** will illuminate, otherwise the **Charge Status LED** will remain off. The EDGE EC40 is not intended to be charged using a computer USB.
5. Once powered on and initialised, the **User LED** will flash white **3 times**.
6. At this stage you can **check the battery level** by pressing the **Power Button once**. The **User LED** will blink a number of times according to the battery level. Find more information on this in the Device Overview section below.
7. The device will start uploading to Taoglas Insights straight away. To view any uploaded samples, you will need to register an account and activate your device on [connect.taoglas.com](https://connect.taoglas.com).

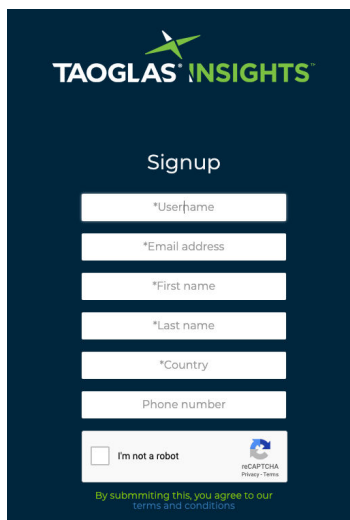
## 2.2 Account Setup

1. To create an Taoglas Insights account for your EDGE EC40 devices, navigate to **connect.taoglas.com** and click on '**Sign Up**'.



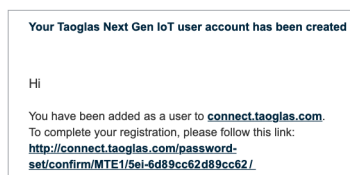
The image shows the Taoglas Insights login and signup page. It features the Taoglas Insights logo at the top. Below the logo are two input fields: 'Username or Email address' and 'Password'. There are two buttons: 'Login' and 'Sign Up'. At the bottom, there is a link for 'Forgot password?'.

2. Create a **username** and enter your details.



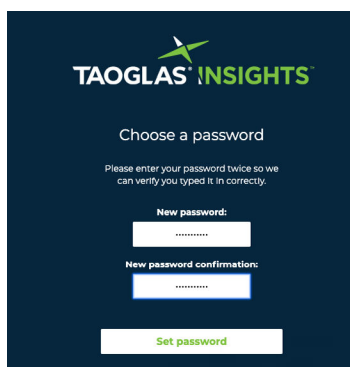
The image shows the Taoglas Insights signup page. It features the Taoglas Insights logo at the top. Below the logo is the heading 'Signup'. There are several input fields: '\*Username', '\*Email address', '\*First name', '\*Last name', '\*Country', and 'Phone number'. There is a checkbox for 'I'm not a robot' with a CAPTCHA icon. At the bottom, there is a link for 'By submitting this, you agree to our terms and conditions'.

3. Once your information has been submitted, you will need to confirm your registration by clicking the link sent to the email address provided.



The image shows an email confirmation message. It starts with the heading 'Your Taoglas Next Gen IoT user account has been created'. Below this is a greeting 'Hi'. The message states: 'You have been added as a user to [connect.taoglas.com](http://connect.taoglas.com). To complete your registration, please follow this link: <http://connect.taoglas.com/password-set/confirm/MTE1/5e1-6d89cc62d89cc62/>'.

4. Upon clicking the link, a browser will open and you will be requested to create a password.

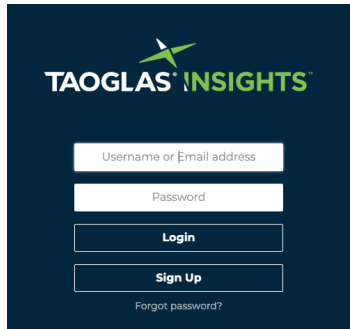


The image shows the Taoglas Insights 'Choose a password' page. It features the Taoglas Insights logo at the top. Below the logo is the heading 'Choose a password'. There is a sub-heading 'Please enter your password twice so we can verify you typed it in correctly.' Below this are two input fields: 'New password:' and 'New password confirmation:'. At the bottom, there is a button labeled 'Set password'.

5. After entering and confirming your password, registration is now complete, proceed to device activation.

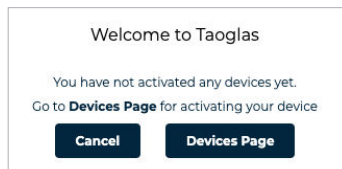
## 2.3 Activating your Device

1. Using the details registered in the sign up process, you will be required to login to the **Taoglas Insights™** platform in order to register your EDGE EC40.



The login page for Taoglas Insights has a dark blue background. At the top is the Taoglas Insights logo. Below it are two white input fields: 'Username or Email address' and 'Password'. Under the password field are two buttons: 'Login' and 'Sign Up'. At the bottom, there is a link that says 'Forgot password?'.

2. The first time you log in, you will receive a popup message notifying you that you have not activated any devices. Click on the **'Devices Page'** button on the pop up, this will direct you to the device list page.



A white popup box with a dark border. It says 'Welcome to Taoglas' at the top. Below that, it says 'You have not activated any devices yet.' and 'Go to **Devices Page** for activating your device'. At the bottom are two buttons: 'Cancel' and 'Devices Page'.

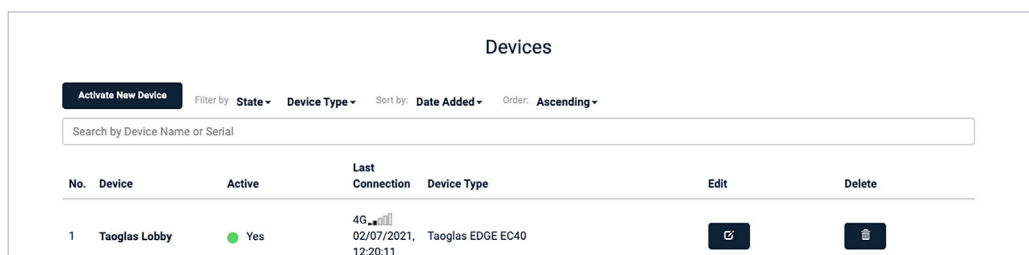
3. To activate your EDGE EC40, click **'Activate New Device'** at the bottom of the page, a popup window will request your EDGE EC40 **S/N** and **Activation Code**. After entering these, click **'Submit'** to finish the activation process. The EDGE EC40 **S/N** and **Activation Code** can be found on the card included in the box.



A white form titled 'DEVICE ACTIVATION'. It has two input fields: 'Enter Device S/N' and 'Enter Activation Code'. Below the fields are two buttons: 'Cancel' and 'Submit'.



4. After entering the EDGE EC40 **S/N** and **Activation Code**, click **'Submit'** to activate your EDGE EC40.
5. The EDGE EC40 will now be listed on the devices page, see an example of this below.



The screenshot shows the 'Devices' page in the Taoglas Insights platform. It has a header with 'Activate New Device' and filters for 'State', 'Device Type', 'Sort by: Date Added', and 'Order: Ascending'. Below the filters is a search bar 'Search by Device Name or Serial'. The main content is a table with columns: 'No.', 'Device', 'Active', 'Last Connection', 'Device Type', 'Edit', and 'Delete'. There is one device listed: '1 Taoglas Lobby' with 'Active' status 'Yes' (green dot), 'Last Connection' '02/07/2021, 12:20:11', 'Device Type' 'Taoglas EDGE EC40', and 'Edit' and 'Delete' buttons.

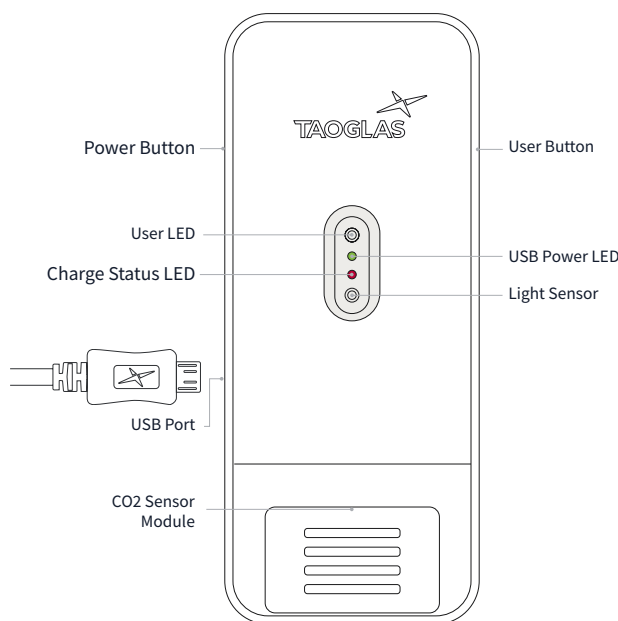
No.	Device	Active	Last Connection	Device Type	Edit	Delete
1	Taoglas Lobby	Yes	02/07/2021, 12:20:11	Taoglas EDGE EC40		

6. If device activation fails please contact Taoglas IoT support at [iotsupport@taoglas.com](mailto:iotsupport@taoglas.com)

## 3. Using the EDGE EC40

### 3.1 Device Overview

The EDGE EC40 has 2 buttons and 3 LED's. See the diagram below for an overview of the LED's and buttons.



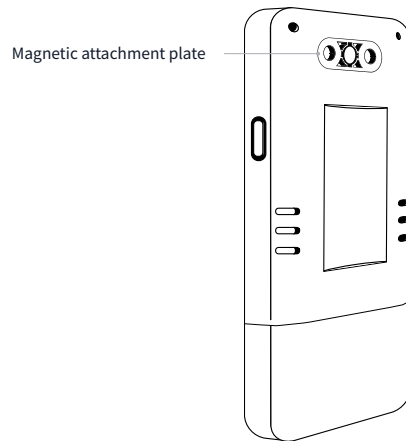
- Remove the cover from the bottom of the EDGE EC40
- Insert the EDGE CO2 Expansion Pack in the EDGE EC40 Expansion port.
- To power on the EDGE EC40, push the **Power Button** once. When the EDGE EC40 is powered on and has successfully initialised, the **User LED** will flash white **3 times** in quick succession.
- To power off the EDGE EC40, hold the **Power Button**, while the EDGE EC40 is powering down the User LED will blink red continuously. The **User LED** will stop blinking when the EDGE EC40 has completely powered off.
- When you plug the EDGE EC40 into the provided USB Power supply, the **USB Power LED** will illuminate. If the EDGE EC40 requires charging, the **Charge Status LED** will illuminate, otherwise the **Charge Status LED** will remain off.
- Once powered, the EDGE EC40 will automatically connect to Taoglas Insights to gather configuration information. The EDGE EC40 will continue to operate at the sampling and upload intervals set on Taoglas Insights, for more information on these intervals see **Device Management Section**.
- The EDGE EC40 can be forced into making a connection with Taoglas Insights outside of the upload interval using either of the following methods:
  - A single press of the **Power Button**, followed by a single press of the **User Button** will trigger the Taoglas Air Insights EC40 to connect to Taoglas Insights and gather new configuration information.
  - A single press of the **Power Button**, followed by a longer push of the **User Button** (more than 4 seconds) will trigger the EDGE EC40 to sample all configured sensors and upload them to Taoglas Insights.
- The EDGE EC40 uploads its battery level to Taoglas Insights, however, the battery status can also be checked by pushing the **Power Button** once. This will cause the **User LED** to flash red a number of times according to the battery level, as per the table below:

20%	1 Flash
40%	2 Flashes
60%	3 Flashes
80%	4 Flashes
100%	5 Flashes

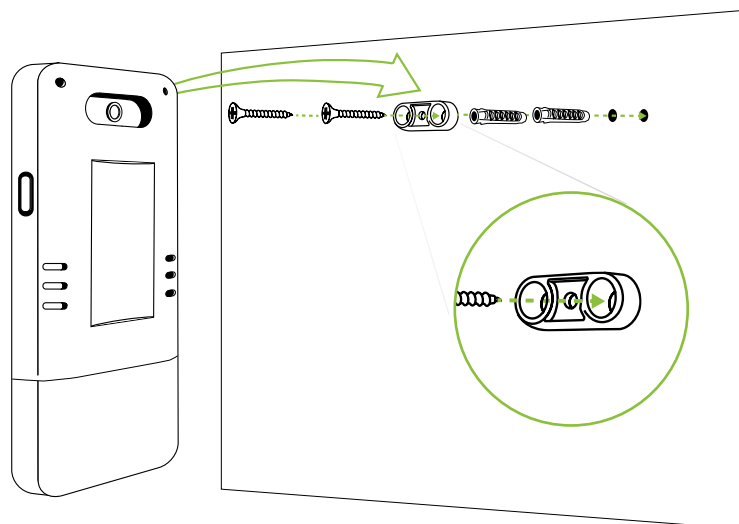
### 3.2 Wall Mounting the EDGE EC40

The EDGE EC40 can be mounted to a vertical surface using a magnetic attachment plate.

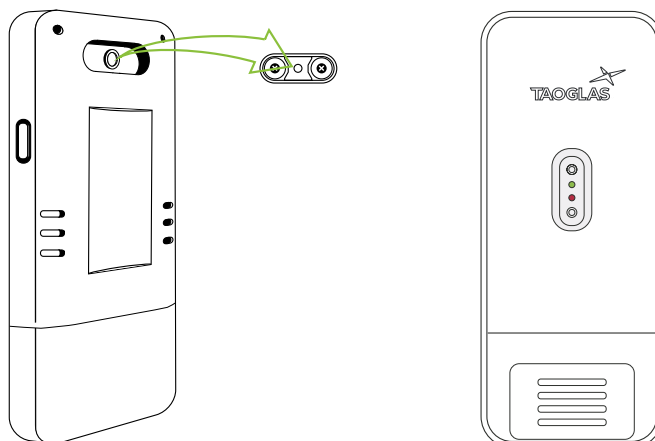
- The plate is supplied with the product, located in the upper rear of the enclosure.



- Two 4mm diameter screw holes allow for fixing the plate to the surface with screws (not supplied).



- The EDGE EC40 then clicks in place and remains in place on the magnetic and can be removed for charging etc.

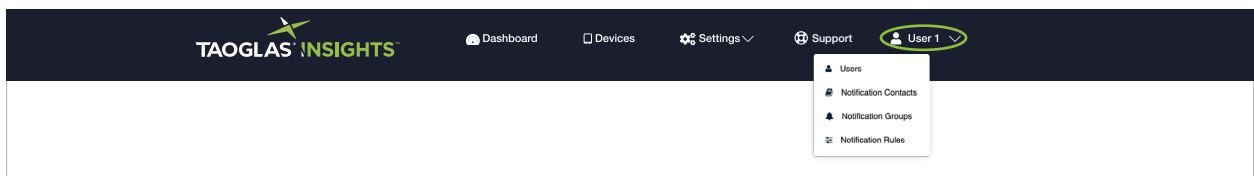




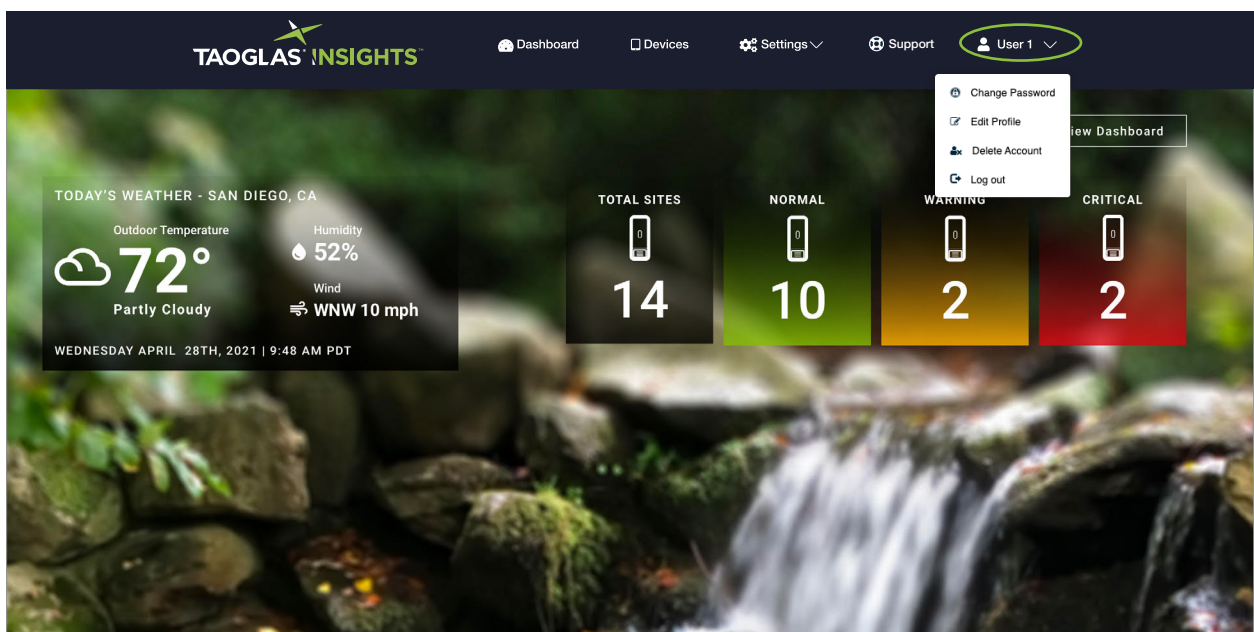
## 4. Using Taoglas Insights™

### 4.1 Insights Navigation

1. When you login to your account, you will land on the **Dashboard** page. For instructions on activating an EDGE EC40 on your account, please refer to the **Activating your Device** section.
2. You can use the links on the top of Taoglas Insights interface to navigate between your dashboard, device list page and account management pages.
  - a. **Dashboard** will bring you to your dashboard where you can see all the sensor data uploaded by your EDGE EC40.
  - b. **Devices** will bring you to your device list page, from here you can manage each of the devices you have activated on your account.
  - c. Clicking on **'Settings'** will display a dropdown with various account management options, including:
    - i. Add/edit Users
    - ii. Edit Device Notification Rules
    - iii. Edit Device Notification Groups
    - iv. Edit Device Notification Contacts



- d. Clicking on **'Support'** will display a dropdown with support links.
- e. Clicking on **'Username'** will display a dropdown with various account management options, including:
  - i. Changing your password
  - ii. Editing your account details
  - iii. Deleting your account
  - iv. Logging out of your account



## 4.2 Device Management

1. You can edit the details for an individual device by clicking the edit icon(✎) on the **devices** page.
2. This will direct you to the **Edit Device** page, from here you can amend the following:
  - a. **Device Name**, here you can enter a customized name for your EDGE EC40.
  - b. **Address**, here you can enter your address.
  - c. **Upload Interval**, this is the rate at which the EDGE EC40 will upload recorded sensor samples to Taoglas Insights.
  - d. **Upload Retries**, in the event where the EDGE EC40 fails to upload samples, this is the number of times it will attempt to upload before backing off.

**TAOGLAS INSIGHTS** Dashboard Devices Settings Support User 1

**Devices**

Activate New Device Filter by: State Device Type Sort by: Date Added Order: Ascending

Search by Device Name or Serial

No.	Device	Active	Last Connection	Device Type	Edit	Delete
1	Taoglas Lobby	Yes	4G 02/07/2021, 12:20:11	Taoglas EDGE EC40		

**Edit Device**

Parameters Display Mode

Device Name: Taoglas Lobby Device IMEI: [Field]

Device S/N: 6858650723368620 BLE Name: [Field]

Address: DCU Alpha, Old Finglas Road, Glasnevin, Dublin, Ireland

Upload Interval: 01:00:00 Upload Retries: 3

Notification Rules: 6 items selected

**Device Parameters**

**Edge-Connect-C02**

Ambient Light - Ambient Light Sense Interval: 15 minutes

Battery - Battery Sense Interval: 15 minutes

Temperature - Temperature Sense Interval: 15 minutes

Humidity - Humidity Sense Interval: 15 minutes

Pressure - Pressure Sense Interval: 15 minutes

Shock - Shock Sense Interval: 15 minutes

CO2 - CO2 Sense Interval: 00:02:00

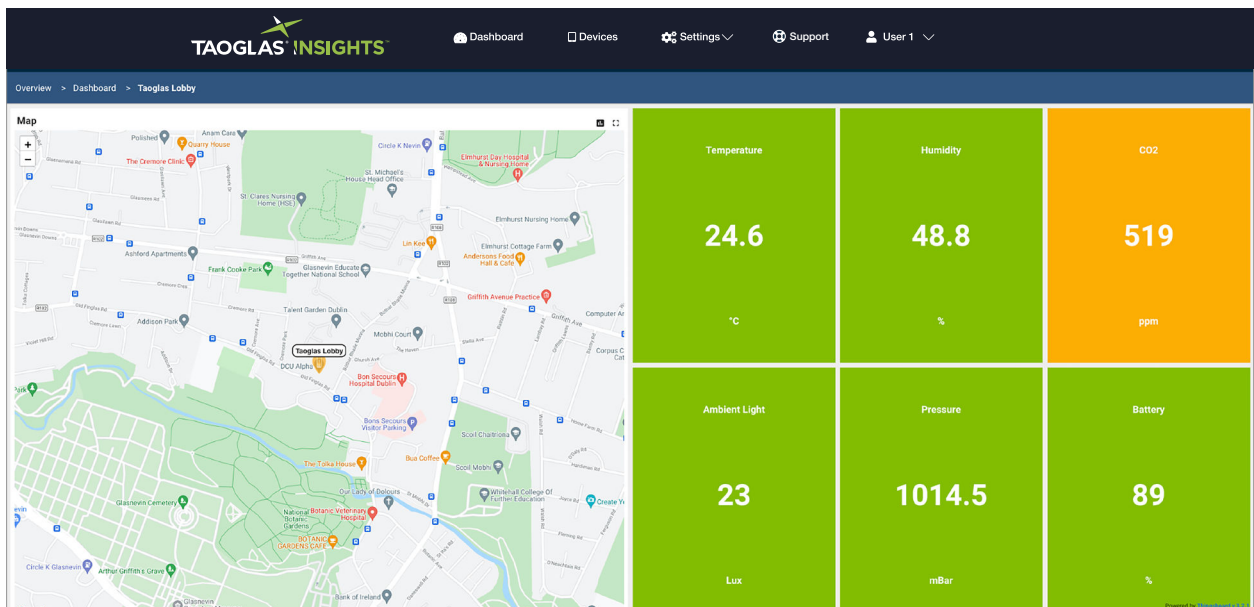
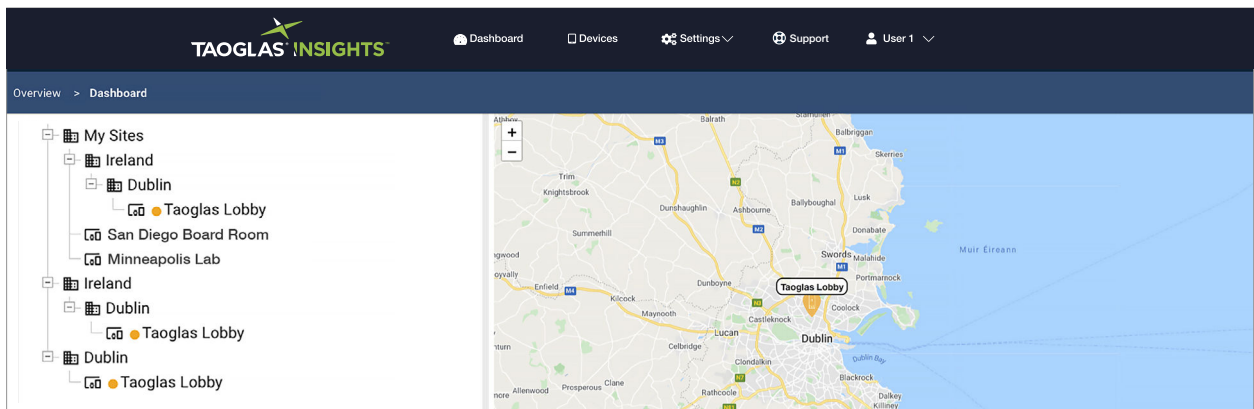
Cancel Submit

3. Depending on your device type and the sensors associated with it you will be able to set the individual sensor sampling intervals in the Device Parameters section.
  - a. Simply enter the sampling interval in the format **HH:MM:SS** into the text box next to the sensor name.
  - b. For an example, see see CO2 sensor which has a sampling interval of 15 minutes(00:15:00).



## 4.3 Dashboard

1. To view the samples uploaded for an individual device, select and click on the device device name. This will bring you to the Sensor Data view of the dashboard.



2. Realtime and historic sensor data for each of your devices can be viewed on the dashboard tab of Taoglas Insights.



3. The sensor data view of the dashboard allows you to:
  - a. View plots of sensor data over a period of time.
  - b. Download historical sensor data by clicking the download icon(↓) at the top right of each plot, this will download the data as comma-separated values.

#### 4.4 Sensor Notification Rules

1. Taoglas Insights allows you to notify a group of contacts based on an uploaded sensor value.
2. To do this you will first have to add a contact to Taoglas Insights, click '**Settings**' followed by '**Notification Contacts**' at the top of the screen.
3. A page listing all the contacts associated with your account will appear, this will be empty if no contacts have been added. Click the '**Add New Contact**' button.

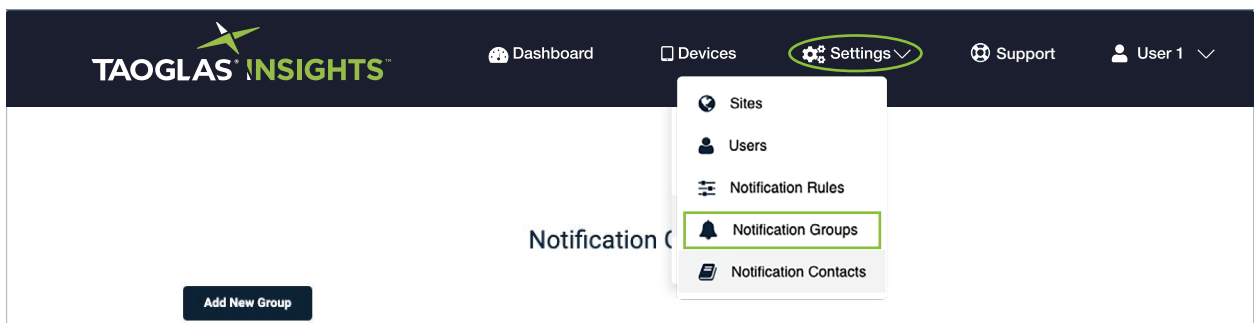
The screenshot shows the 'Taoglas Insights' dashboard with the 'Settings' menu open. The 'Notification Contacts' option is highlighted. Below the menu, the 'Notification C' page is visible, featuring an 'Add New Contact' button and a table of notification contacts.

No.	Name	Email	Email Notifications	Edit	Delete
1	User1	User1@taoglas.com	Yes		

4. On the next screen, enter the name and email address of the contact you want to notify, then click **‘Submit’**.

The screenshot shows the 'Add New Contact' form in the Taoglas Insights dashboard. The form has two input fields: 'Name' and 'Email'. Below the 'Name' field is a toggle switch for 'Receive Email Notifications', which is currently turned 'On'. At the bottom right of the form, there are two buttons: 'Cancel' and 'Submit'. The 'Submit' button is circled in green.

5. Repeat steps 3 and 4 multiple times to add multiple contacts, regardless of whether or not they are Taoglas Insights users.
6. After adding all the contacts you wish to notify, click **‘Settings’** followed by **‘Notification Groups’**. This will display a list of your notification groups, which will be empty initially.



7. Click, **‘Add New Group’**, on the screen that follows, please:
- Enter the name you wish to give the notification group
  - Select the contacts you wish to add to the group.

The screenshot shows the 'Notification Groups' page in the Taoglas Insights dashboard. At the top left, there is a button labeled 'Add New Group'. Below this is a table with the following structure:

No.	Name	Edit	Delete
1	CO2 Alert Group		

The 'CO2 Alert Group' text in the table is circled in green.

- c. Select the max frequency you wish to notify the group, for example selecting **‘Once a day’**, will only notify the group once in a 24 hour period, regardless of the number of times the rule associated with the notification is triggered.

8. Once you have entered the above information, click **‘Submit’** to create the group.

9. Now that the group has been created, will be required to add a rule which will trigger the notification. Click, **‘Settings’** followed by **‘Notification Rules’**. This will bring you to your list of rules. To add a new rule, click **‘Add new Notification Rules’**. This will bring you to your list of rules. The device comes with a set of default rules based on the recommendations of world renowned entities and follows and the table below:

**Notification Rules**

**Default Rules**

Name	Metric	Condition	Severity	Category	Enable	Edit
Carbon Dioxide	CO2	Greater than 1000 ppm	WARNING	None	Off	
Humidity High	Humidity	Greater than 65 %	WARNING	None	Off	
Humidity Low	Humidity	Less than 30 %	WARNING	None	Off	
Temperature High	Temperature	Greater than 26 °C	WARNING	None	Off	
Temperature Low	Temperature	Less than 20 °C	WARNING	None	Off	

**Custom Rules**

Name	Metric	Condition	Severity	Enable	Edit	Delete
CO2 Warning Notice	CO2	Greater than 400 ppm	WARNING	On		
High temperature - critical	Temperature	Greater than 10 °C	CRITICAL	Off		
Low temperature - critical	Temperature	Less than -30 °C	CRITICAL	Off		

10. These rules can be turned on or off depending on the use taken for the device, and they can be edited to show different notes when the e-mail is sent.
11. Custom rules can also be added according to the user’s needs. To add a new rule, click **‘Add new’**.

12. On the window that appears:
  - a. Select a metric (sensor)
  - b. Give the rule a name.
  - c. Select the severity (Warning for yellow status or Critical for red status).
  - d. Select the device that the rule is applied to.
  - e. Enter a threshold.
  - f. Select the notification group.
  - g. Write the message that will be sent via e-mail when the threshold is reached.

**TAOGLAS INSIGHTS™** Dashboard **Devices** Settings Support User 1

### Create a new Notification Rule

Select Metric: Temperature

**Information:**

Name: Temperature Warning

Severity: WARNING

Enable: ☒ On

**Devices:**

Apply to: Taoglas Lobby | 3554650723

**Threshold:**

Level: Less-than (<) 10

**Notification List:**

Select the group that will receive the notifications

Groups: CO2 Alert Group

**Notification Message:**

Message sent by email when the notification is triggered


Message: The temperature is too low, we recommend to turn on the heating system.

Cancel Submit

The above screenshot will trigger the notification if a temperature sample with a value less than 10°C is uploaded to Taoglas Insights.

13. Once all the information has been completed, click **'Submit'**.
14. The rule is now available to apply to the devices associated with your account.
15. To do this, navigate to the devices list page by clicking **'Devices'**.

16. Click the edit icon (✎) on the device you want to add the rule to, this will bring up the device edit page.
17. Select the rule from the 'Notification Rules' dropdown as in the screenshot below and click 'Submit'.



[Dashboard](#) [Devices](#) [Settings](#) [Support](#) [User 1](#)

### Edit Device

Parameters

Display Mode

Device Name

Taoglas Lobby

Device S/N

685865074336507

Device IMEI

BLE Name

Address

DCU Alpha, Old Finglas Road, Glasnevin, Dublin, Ireland

Upload Interval

01:00:00

Upload Retries

3

Notification Rules

Temperature Warning

Rules Selection

Select All

Deselect All

CO2 Warning Notice

High temperature - critical

Temperature High

Temperature Low

Humidity High

Humidity Low

Carbon Dioxide

Low temperature - critical

Temperature Warning

Device Parameters

Edge-Connect-C

Ambient

15 min

Battery -

15 min

Temperat

15 min

Humidity

15 minutes

Pressure - Pressure Sense Interval

15 minutes

Shock - Shock Sense Interval

15 minutes

CO2 - CO2 Sense Interval

00:02:00

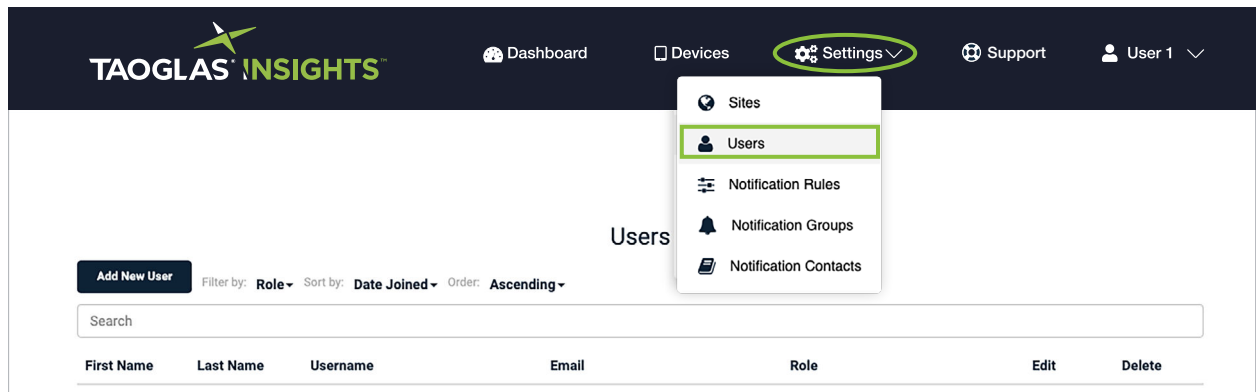
Cancel

Submit



## 4.5 Add New Users

1. To add a new user so that they can view the devices you have activated on your account, click **'Settings'** followed by **'Users'**.



2. The users list page will appear, click **'Add New User'**, which will bring you to a page which allows you to add a new user.

The screenshot shows the 'Add New User' form. It includes input fields for Email address, Username, First name, Last name, Address (with a placeholder 'Enter a location'), and a Sites dropdown menu. There is also a Role dropdown menu and a toggle switch for 'User Enabled' which is currently turned 'On'. At the bottom right, there are 'Cancel' and 'Submit' buttons, with the 'Submit' button highlighted by a green circle.

3. On this page enter the users:

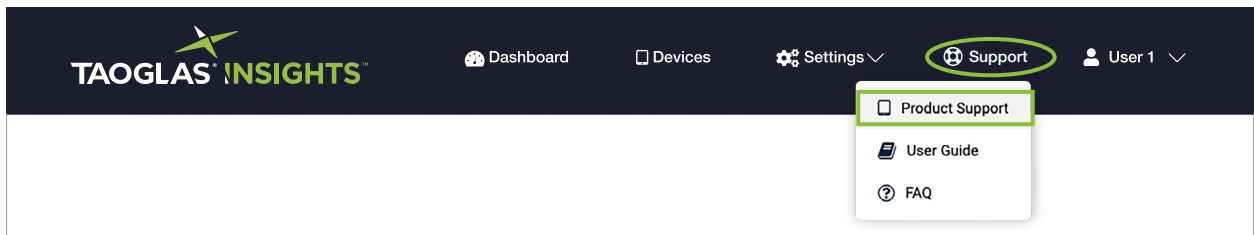
- a. Email address
- b. Username
- c. First name
- d. Last name
- e. Address
- f. Role
- g. Site

4. Click **'Submit'** to add the user.

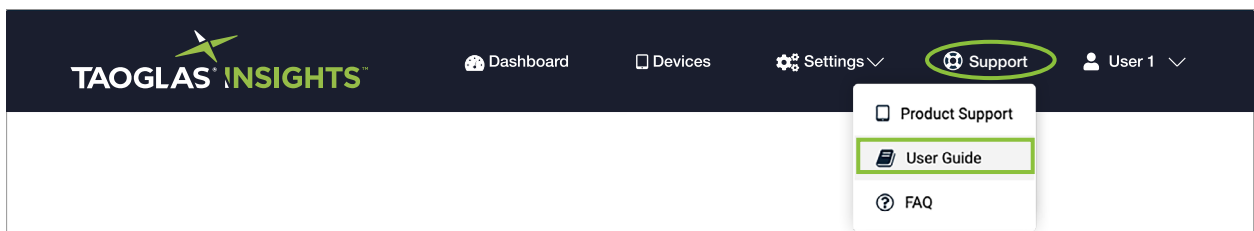
5. A new user will be emailed informing them of their new account.

## 4.6 Support

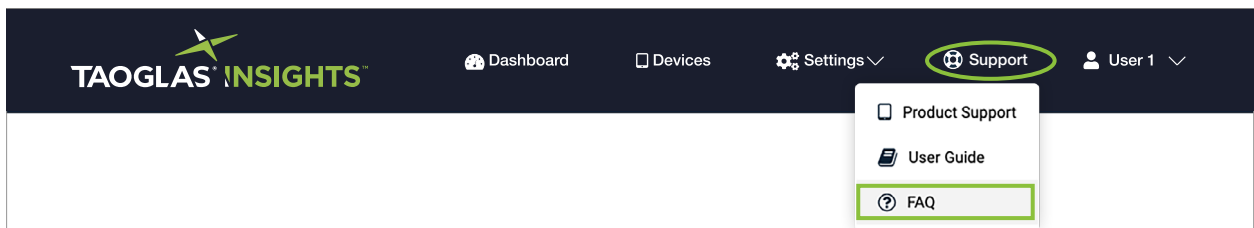
1. To access Product Support, click '**Support**' followed by '**Product Support**' which will bring you to an online Product support page.



2. To access the User Guide click '**User Guide**', which will bring you to an online user guide.



3. To access the '**FAQ**', which will bring you an online source for Frequently Asked Questions.



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## 5. Appendix

### 5.1 Security

The EDGE EC40 device security is provided by four mechanisms:

1. Connection to the Cloud-based components via HTTPS, with the servers public certificates held on the EDGE EC40 device.
2. Authentication of the device by the Taoglas Insights Platform, with the unique and individual private key held securely in a cryptographic coprocessor.
3. Whitelisting of the domains to which the EDGE EC40 APN can connect – Taoglas Insights and Taoglas Insights Platform and NTP servers only.
4. The device periodically reports its configuration hash (security), firmware versions, and certificate bundle version to the Taoglas Insights Platform. A report is sent each time a device is powered up, or when the configuration, certificate, or firmware has changed.

### 5.2 Safety and Regulatory Requirements

**Warning:** Failure to follow instructions could increase risk to safety and noncompliance with regional laws and regulations.

**Warning: DO NOT SHORT CIRCUIT, DISASSEMBLE, CRUSH, PENETRATE OR INCINERATE.**

**BATTERY MAY LEAK OR EXPLODE IF HEATED ABOVE 100 °C (212 °F).**

**Warning: HAZARDOUS AREA WARNING:** This instrument has not been designed to be intrinsically safe for use in areas classified as hazardous locations. For your safety, DO NOT use it in hazardous (classified) locations.

**Caution:** In the case of an emergency, degraded performance will occur if wireless reception is inhibited.

**Note:** The device has an operating range between -20 and +60 degrees Celsius (-4 to 140 Fahrenheit).

The device can be safely charged in an ambient temperature range of between 0 – 40 degrees Celsius (32-104 degrees Fahrenheit).

The device can be charged with a 5 V/0.5 A power supply and Micro USB Cable.

**Note:**

- a) Do not disassemble or open crush, bend or deform, puncture or shred
- b) Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- c) Only use the battery for the system for which it is specified
- d) Only use the battery with a charging system that has been qualified with the system per CTIA Certification Requirements for Battery System Compliance to IEEE 1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- e) Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- f) Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard. Only authorized service providers shall replace battery. (If the battery is non-user replaceable).
- g) Promptly dispose of used batteries in accordance with local regulations
- h) Battery usage by children should be supervised.
- i) Avoid dropping the device or battery. If the device or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- j) Improper battery use may result in a fire, explosion or other hazard.

**Caution:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

## Federal Communication Commission Interference Statement

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.

This device 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.

### FCC Caution:

- Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### RF Exposure Information (SAR)

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. \*Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. The highest SAR value for the model device as reported to the FCC when worn on the body, as described in this user guide, is 1.1 W/Kg (Body-worn measurements differ among device models, depending upon available accessories and FCC requirements.)

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of [www.fcc.gov/oet/ea/fccid](http://www.fcc.gov/oet/ea/fccid) after searching on FCC ID: WYPEU0312.

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and be positioned a minimum of 1 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.



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