AirLive Smart IoT Cloud User Guide

Table of Contents

IMPORTANT BEFORE YOU START, YOU NEED A WORKING GATEWAY, A GMAIL ACCOUNT, AND A SMARTPHONE. FOR GOOGLE HOME IT'S BEST TO ALSO HAVE GOOGLE HOME SPEAKER. ONLY GMAIL ACCOUNTS WORK NO OTHERS!

MAKE SURE ALL DEVICES HAVE BEEN SETUP AND ARE WORKING BEFORE YOU START THE VOICE SETUP.

Note: Only Smart Plug, Switch and Dimmer products are supported on Google Smart Home action.

1 Binding the Gateway.

Make sure you Gateway has been setup correctly and is working. The white led should be burning on top the Gateway and the Time must be correctly setup in the Gateway.

1 Run the Airlive SmartLife Plus APP

2 Go to Settings

3 Go to Other Settings

4 Click Connect to Cloud

5 Checkmark "I agree" and click OK

6 Click Auth Code

7 Copy the Auth code within 60 secs (to be used on the next page)
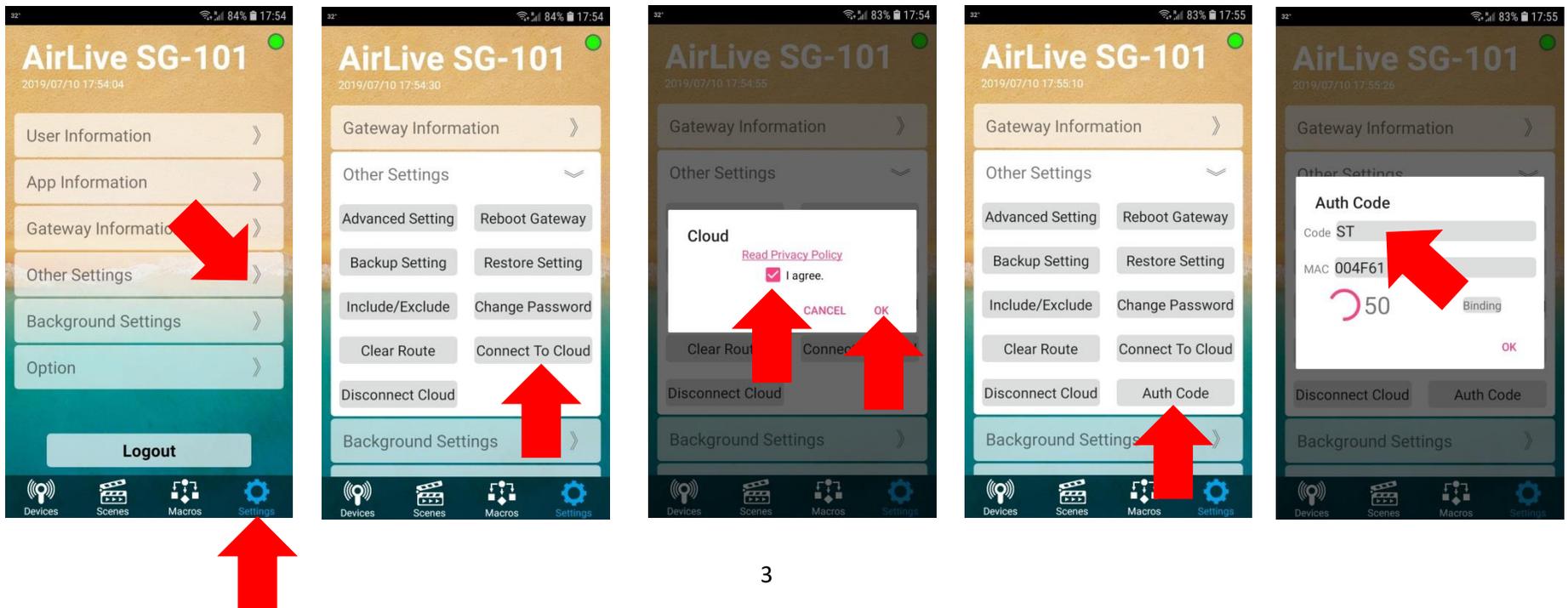
Now open a browser on your computer and Go to the following website https://cloud.airlive.com
Recommend is to use the Google Chrome browser.

1.1 Click the Login button to register. Note this MUST be a Gmail email address this SAME email address will also need to be used on your phone to make Google Home, Google Assistant and Amazon Alex work when you set it up.
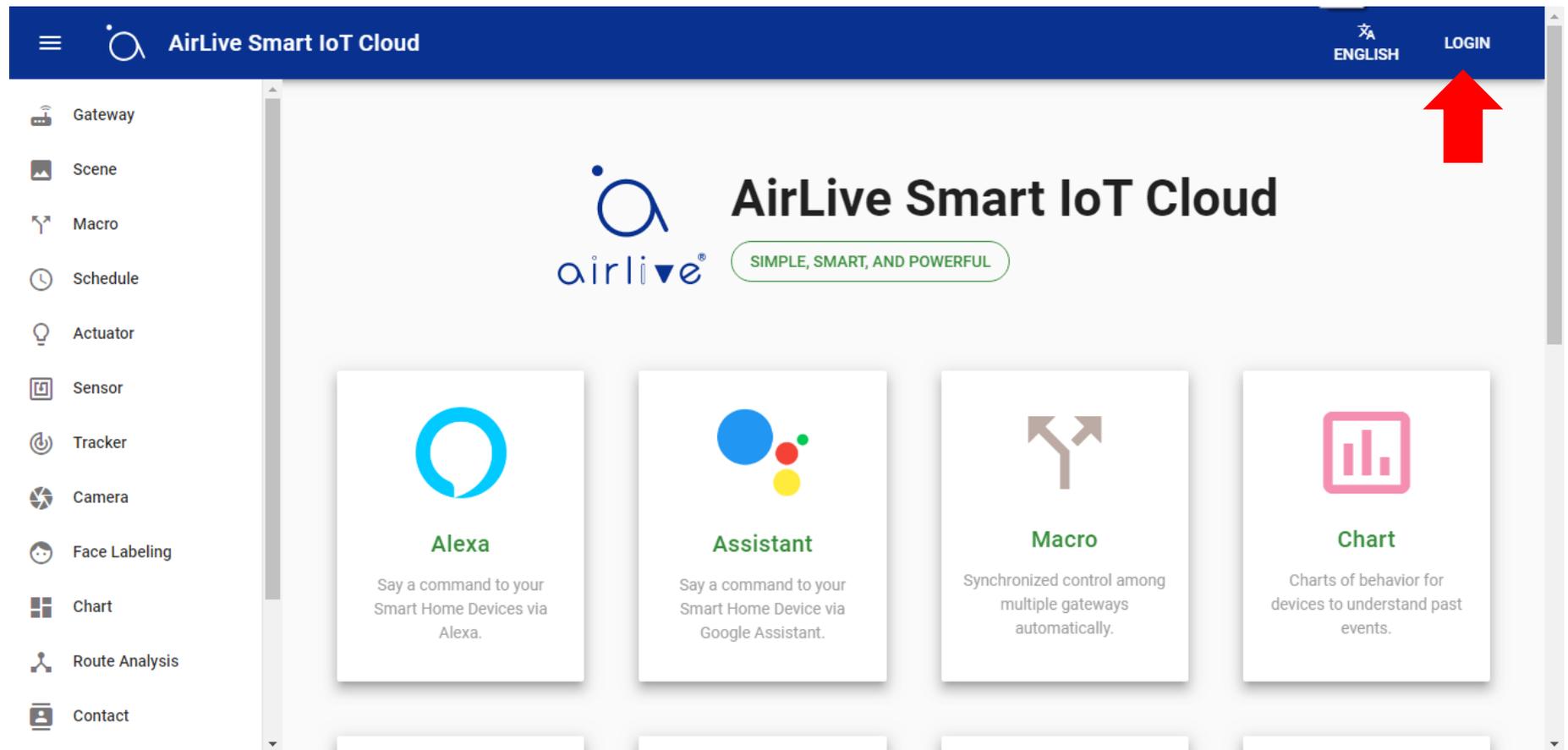
1.2. Select your email address or type in a new one. Again make sure your use the same Email address for the entire setup.
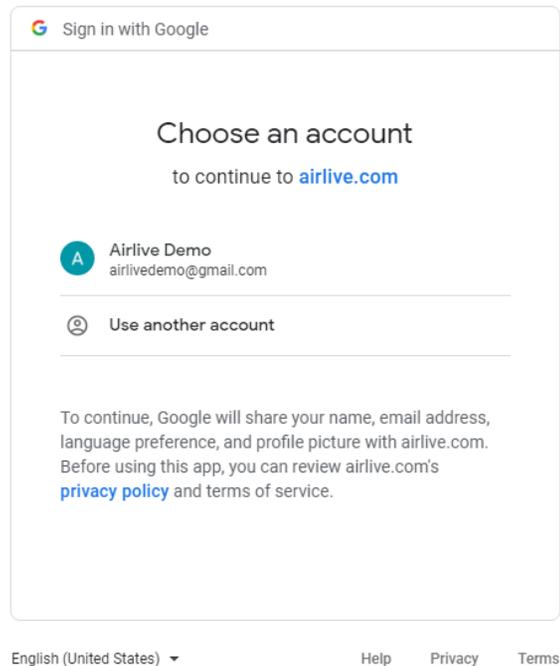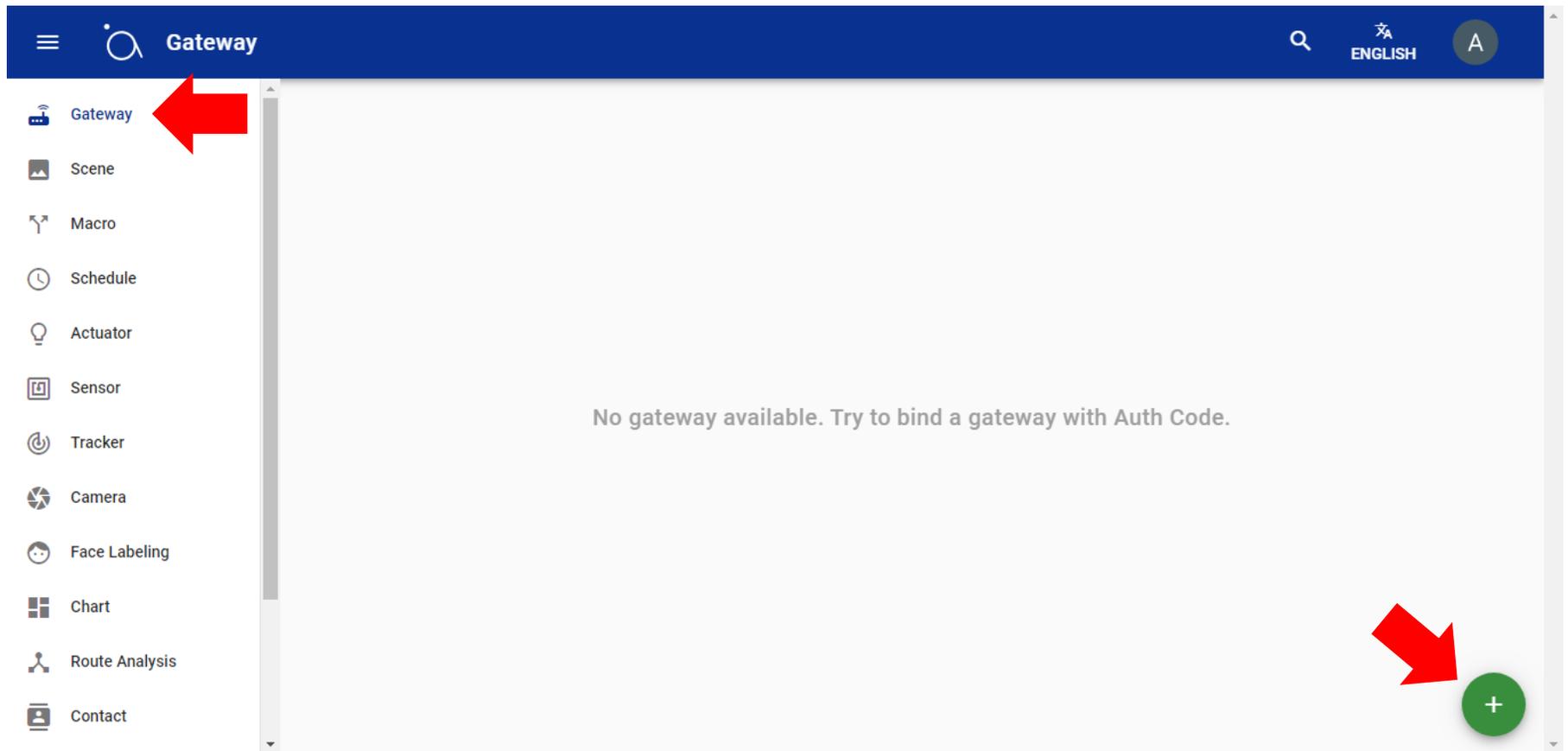

Ones this is done you can start to add the Gateway to the Cloud.

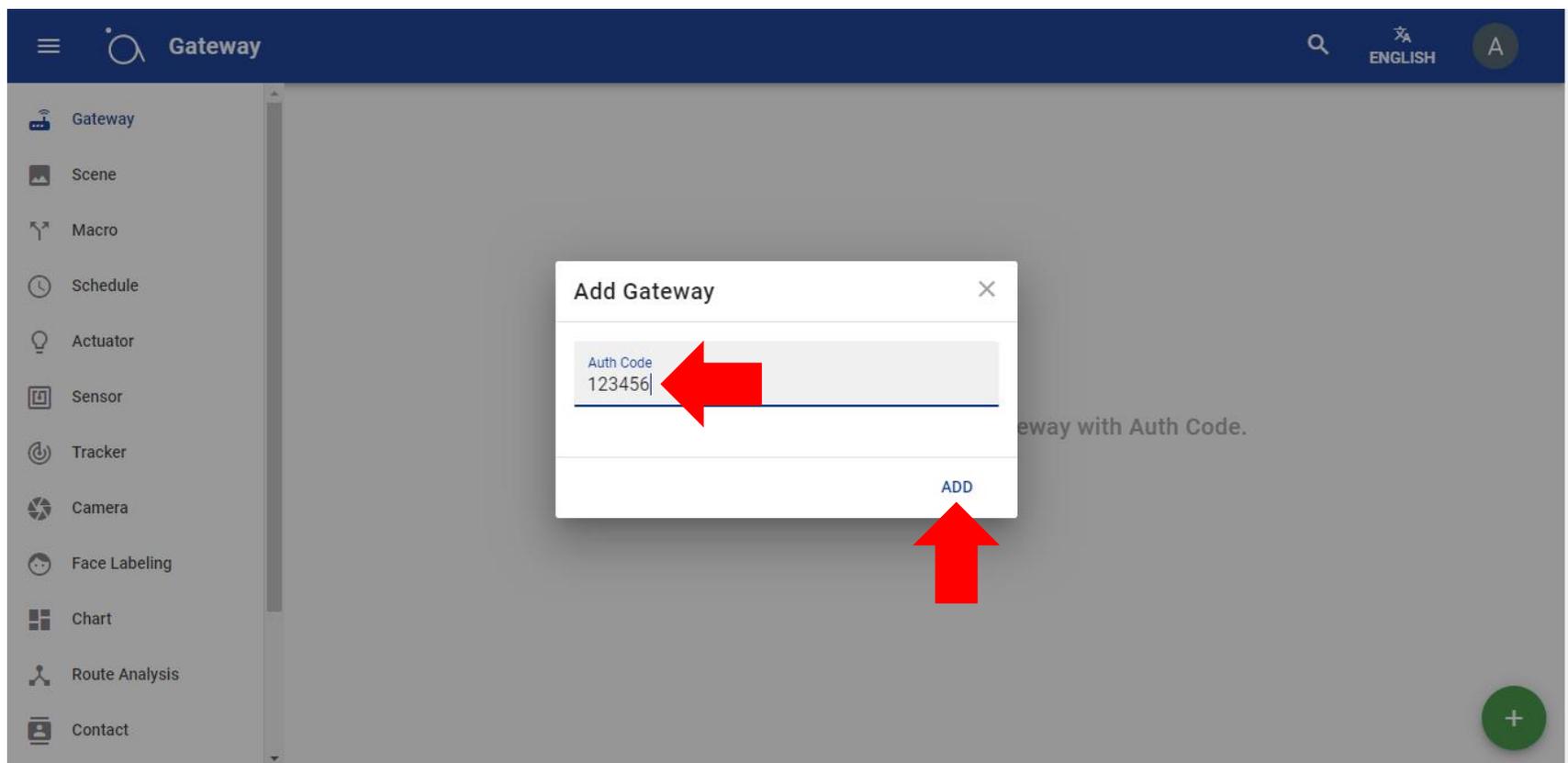1.3 Adding the Gateway to the Cloud using the Auth Code.

On the left handside click on Gateway in the new window which now opens click on the + to add the Gateway.

1 Click on Gateway.

2 Click on the "+" icon in the bottom right corner.

1.4 Enter the Auth code which you got from the APP and Click Add.

When the Auth Code on the AirLive Smart IoT Cloud Website Shows "Invalid"

1. Check your gateway if it is connected to the internet. (White light on the top of gateway should be on.)
2. Check the time of the gateway if it is correct.
3. Disconnect the cloud and connect to the cloud before getting Authcode, After 5 mins then try again.

1.5 Your Gateway has now been added and your devices will also show up (if they were already added to the Gateway). In this example it will show 40 Actuators which are connected in total to the both Gateways.
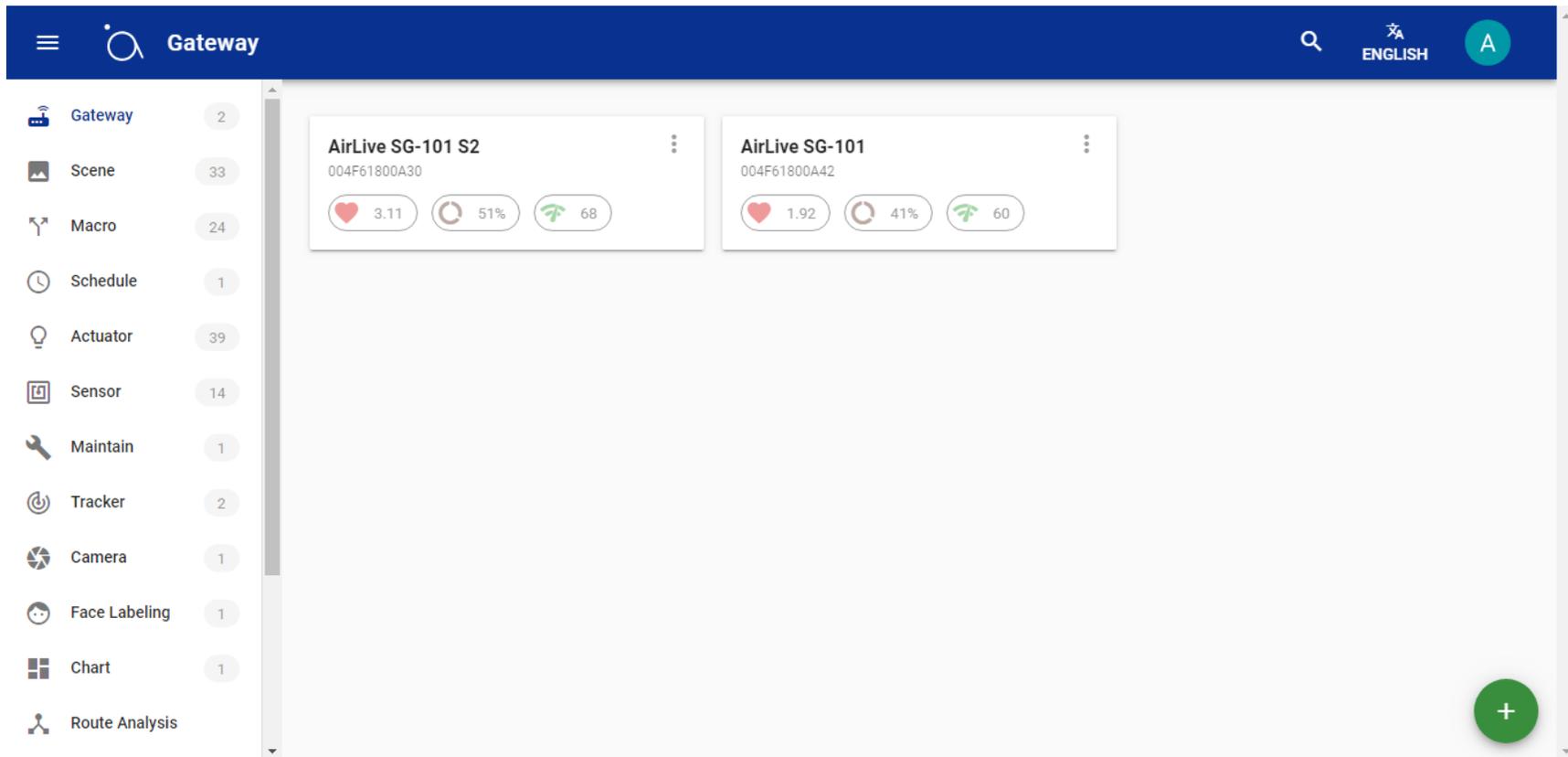
To continue directly with the Voice control Setup please go to Chapter 3,4,5 or 6 depending if you use Google Home ,Assistant or Amazon Alexa.

2 Gateway Settings.

After the Gateway has been added it will be shown in the AirLive Could.

1. Click on the Gateway to get more detailed information about the Gateway.

2.1 Detailed information:

1 Click on the Heart icon to see the Load Average graphic of the Gateway.

2 Click on the Circle icon to the see the Memory usage of the Gateway.

3 Click on the Wave icon to the see the Latency graphic of the Gateway.

4 Clock icon shows the time of set on the Gateway.

5 Location icon shows the current GPS location of the Gateway.

6 Link icon shows the UID of the Gateway.

7 Wave icon shows the current remote IP address of the Gateway (WAN IP).

8 Box icon shows the Current firmware version on the Gateway.

2.2 Backup and Restore

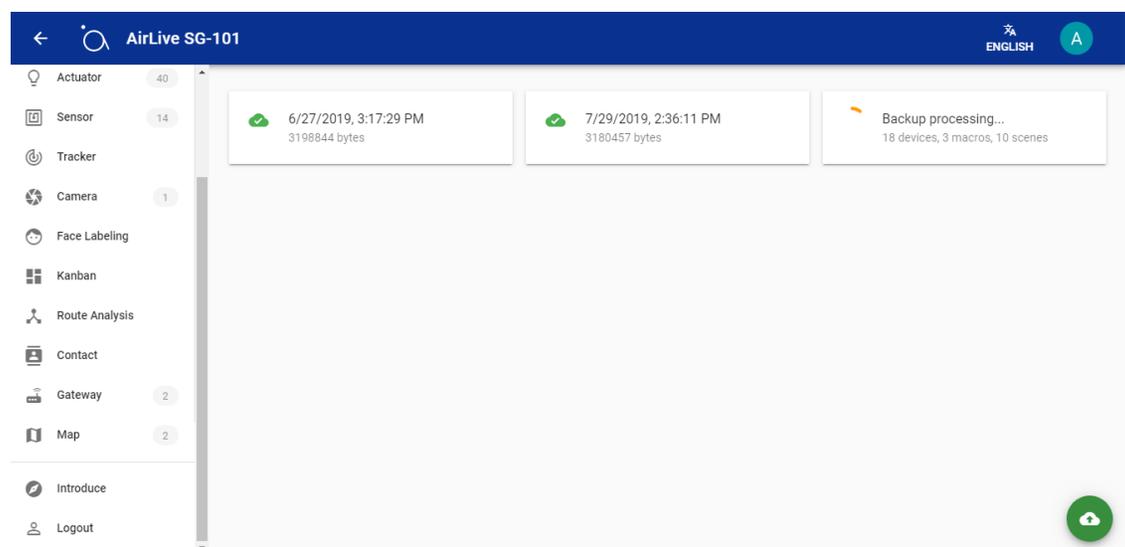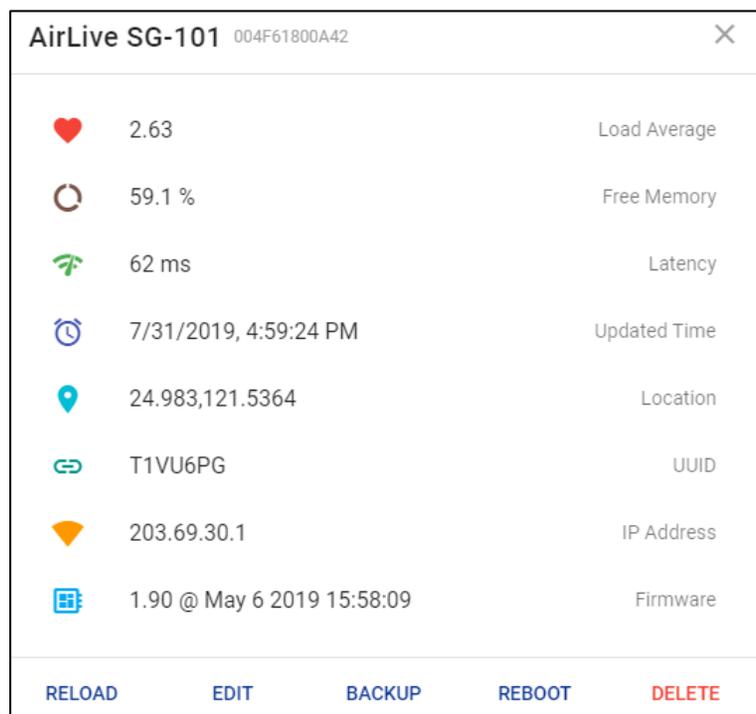1 Click on the Backup button to start the backup process, a new window will open.
2 Click on the Backup button in the bottom right corner and backup will begin.
3 Ones done the Backup will be shown.

To restore again click on Backup now a new window open showing the available backup files select the one you need by clicking on it.

1 Click on Backup (a new window will open).

2 Select your correct backup file and click on it.

3 To Restore click on the Restore button.

IMPORTANT: Do not disconnect the Gateway from Internet or Close the Airlive Cloud while the Restore is in progress as this may damage the Gateway.
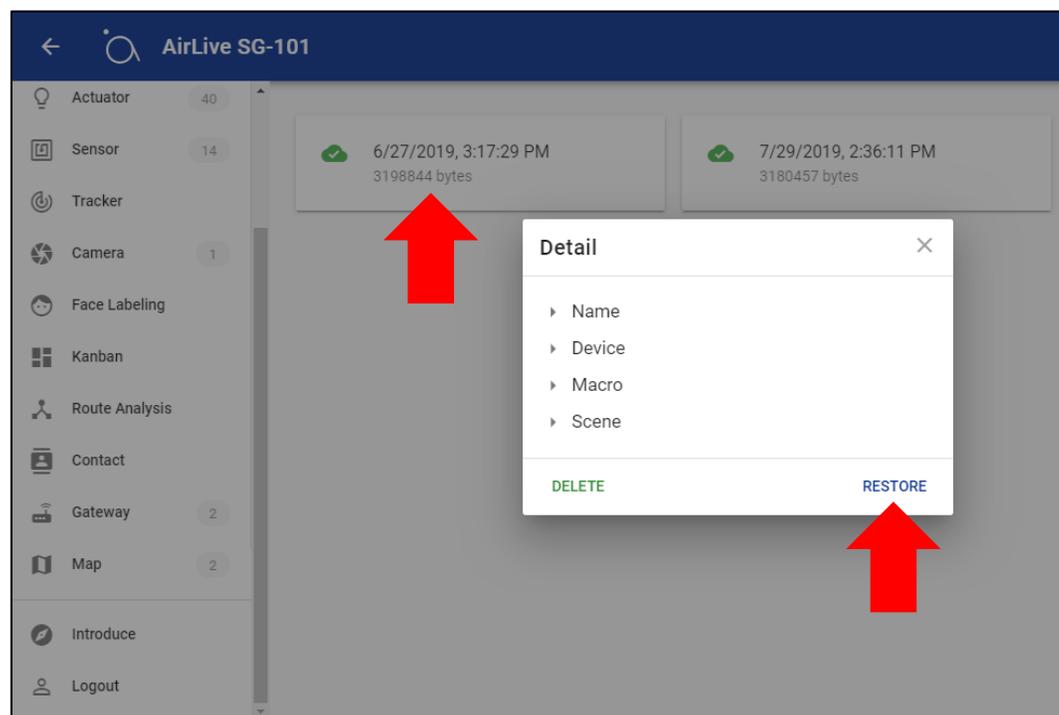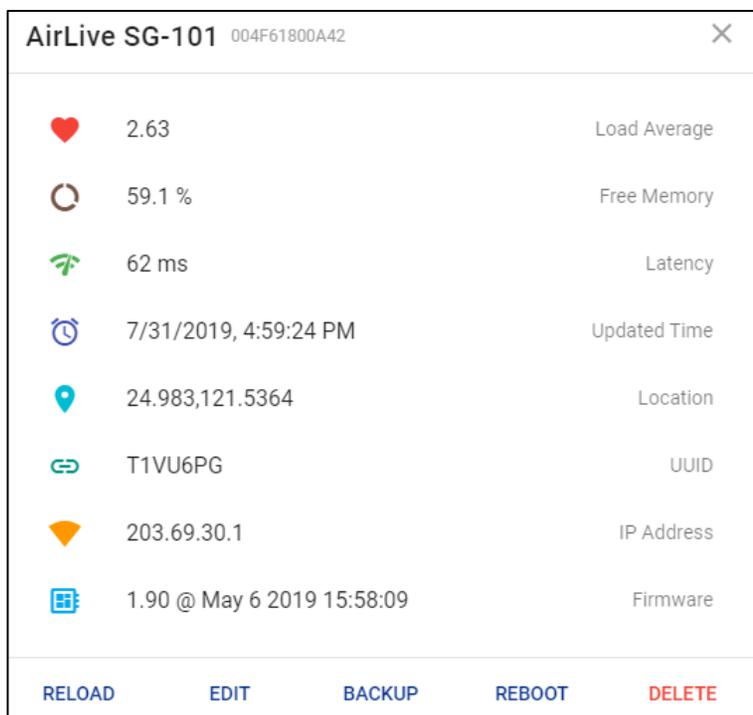
2.3 Reload, Edit, Reboot and Delete

1 Reload; Reload loads the Gateway information.

2 Edit; Edit the name of the Gateway.

3 Reboot; Reboot the Gateway.

4 Delete; Delete the Gateway from the Airlive Cloud.

| AirLive SG-101 004F61800A42		X
♥	2.63	Load Average
◖	59.1 %	Free Memory
📶	62 ms	Latency
⏰	7/31/2019, 4:59:24 PM	Updated Time
📍	24.983,121.5364	Location
🔗	T1VU6PG	UUID
▼	203.69.30.1	IP Address
▦	1.90 @ May 6 2019 15:58:09	Firmware
RELOAD	EDIT	BACKUP	REBOOT	DELETE

3. How to Setup Google Home for Android and iOS.

To use Google Home please install the Google Home APP and when you have make sure your Google Home Speaker is also working. You must login to the Google Home APP using the same account you used when setting up AirLive Smart IoT Cloud!

1 Start Google Home app (use the same account as used in AirLive Smart IoT Cloud).
2 Click Add.
3 Select "Set Up device".
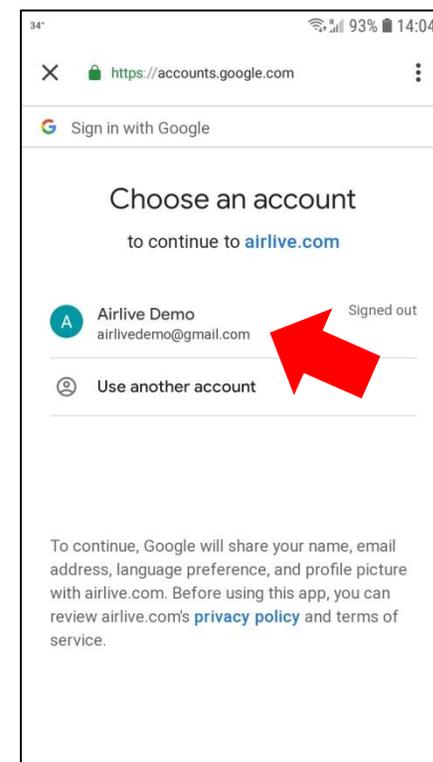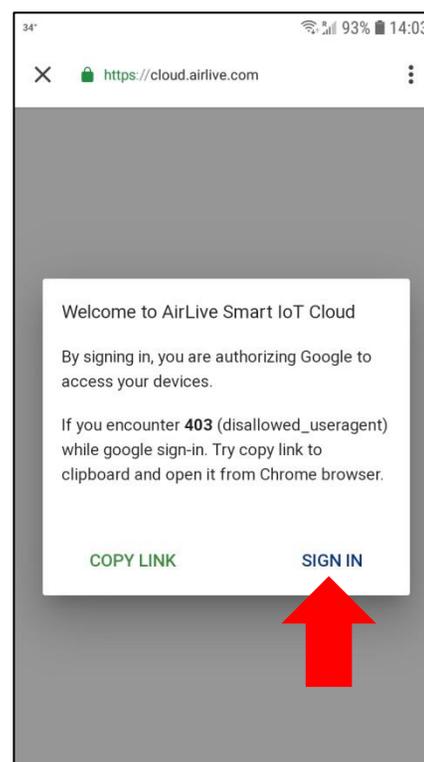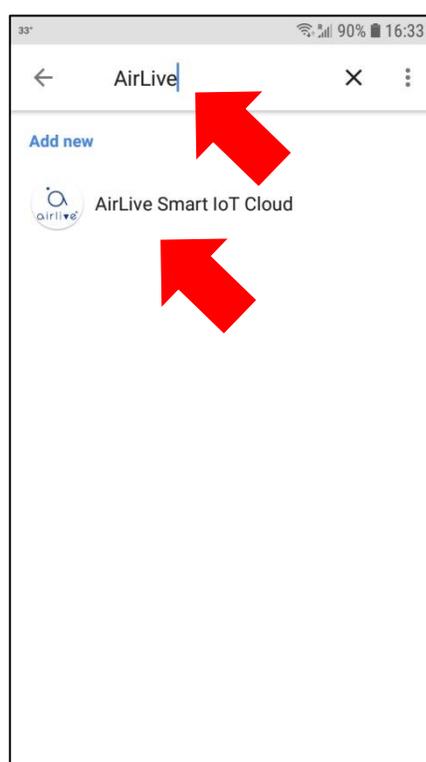4 Click Works with Google (Have something already set up?).
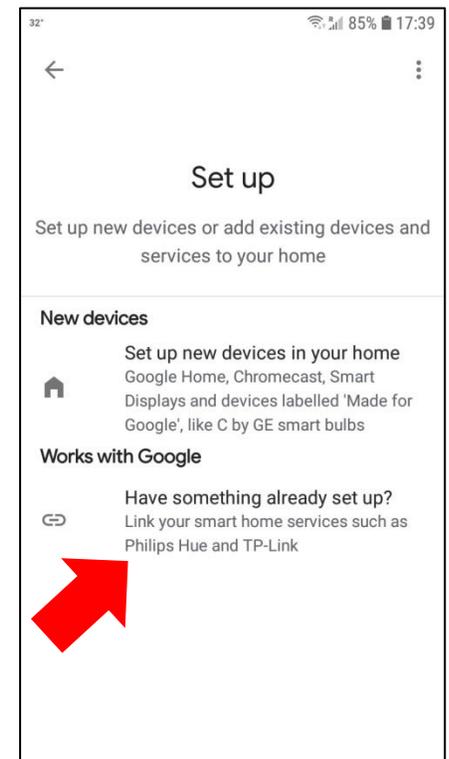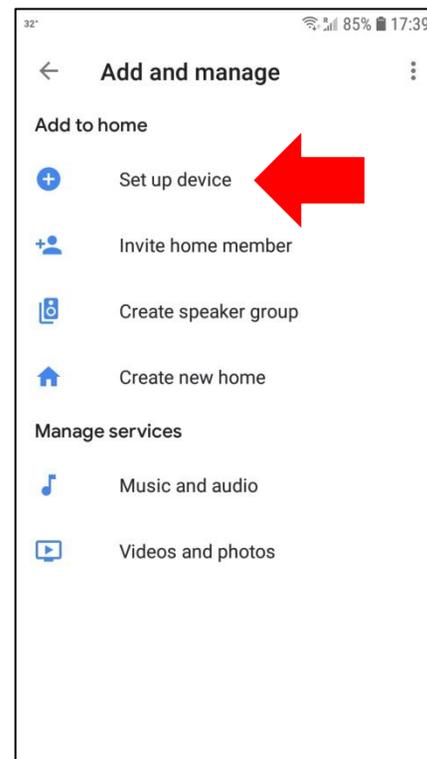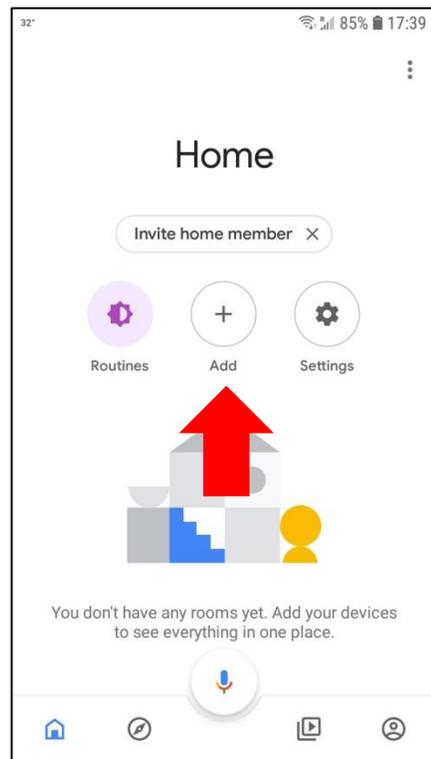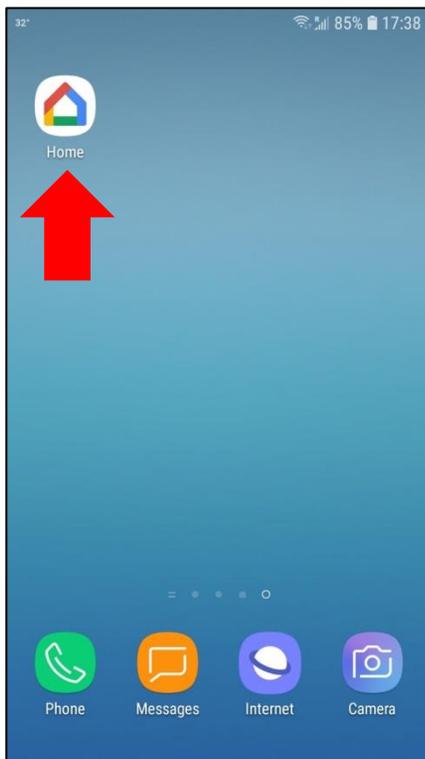
A new window will now open and continue with the following steps.

5 A new window will open with different brand names.

6 Type in the search bar Airlive and Click on AirLive Smart IoT Cloud.

7 Click on "Sign In".

8 Select the account you want use. MUST be the same as the one used for AirLive Smart IoT Cloud.
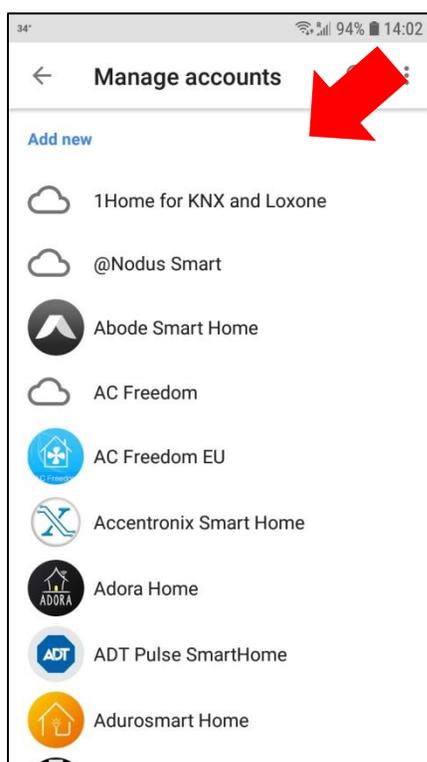
You now need to Join and your devices will be shown in the Google Home.

9 Click Join.

10 Your added devices are shown and can be added to a room to skip this part directly click "X". To add the devices to a Google Room, select the device and click next.

11 Select your Home and Select or make a Room.

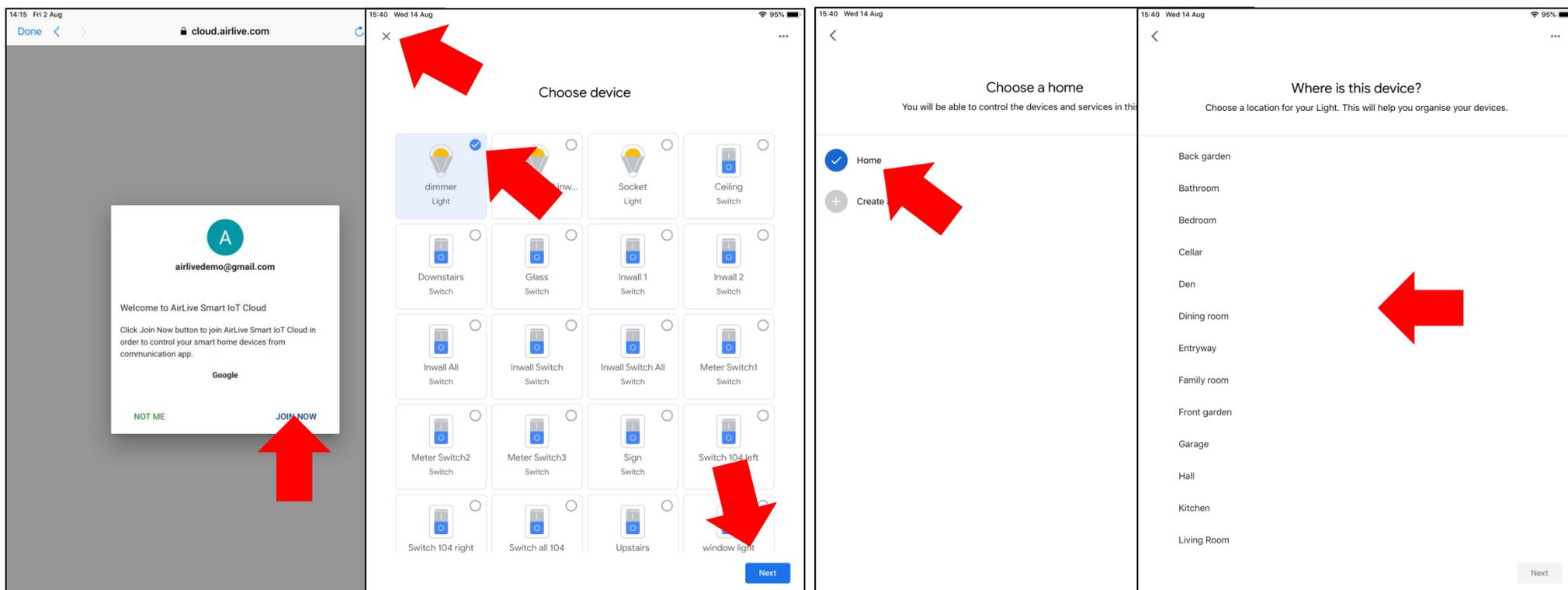Your devices will now be shown in Google Home and you can use them, they can be operated by the App or via Voice Control by saying Ok Google turn on/off (name of your light) or OK Google Dimmer 50%.

When you like to add additional devices to the Gateway on a later time and also see them in the Google app please say "OK Google Sync Devices".

To Unlink your devices Go back to the list page and Click on AirLive Smart IoT Cloud and select Unlink.

Lights

| To do this:	Say "Ok Google" or "Hey Google," then...
To turn on/off a light	"Turn on <light name>"
Dim a light	"Dim the <light name>"
Brighten a light	"Brighten the <light name>"
Set a light brightness to a certain percentage	"Set <light name> to 50%"
Dim/Brighten lights by a certain percentage	Dim/Brighten <light name> by 50%"
Change the color of a light	"Turn <light name> green"
Turn all lights in room on or off	"Turn on or off lights in <room name>"
Turn all lights on or off	"Turn on or off all of the lights"

Plugs and switches

To do this:	Say "Ok Google" or "Hey Google," then...
Turn plugs on or off	"Turn on or off the [plug name]"
Turn switch on or off	"Turn on or off the [switch name]"

4. How to Setup Google Assistant Android

Google Assistant is already in Android and you would not need to download a separate APP. Before setting up the devices make your Google Assistant is already working on your Phone.

1 Go to your Google app on your phone (default app) Click on "…".
2 Click on Settings (the account show in the top MUST be the same as the one used in AirLive Smart IoT Cloud).
3 Click on Google Assistant.
4 Click on Home Control (when you use Google Assistant for iOS start from this point).
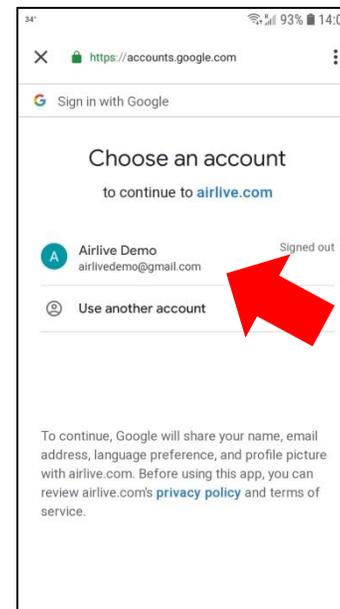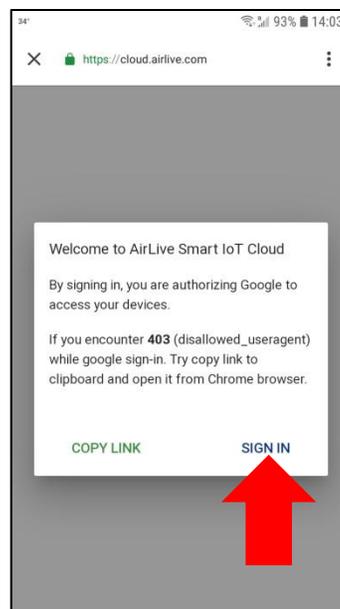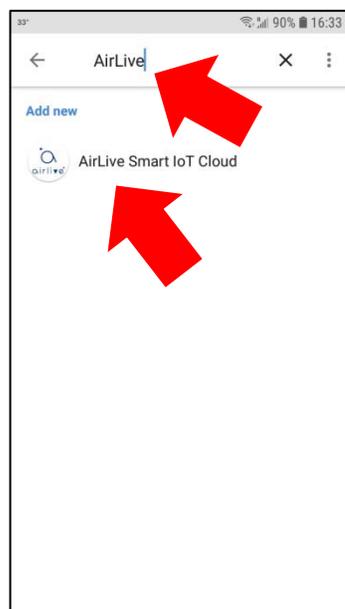5 Click on the "+" icon.
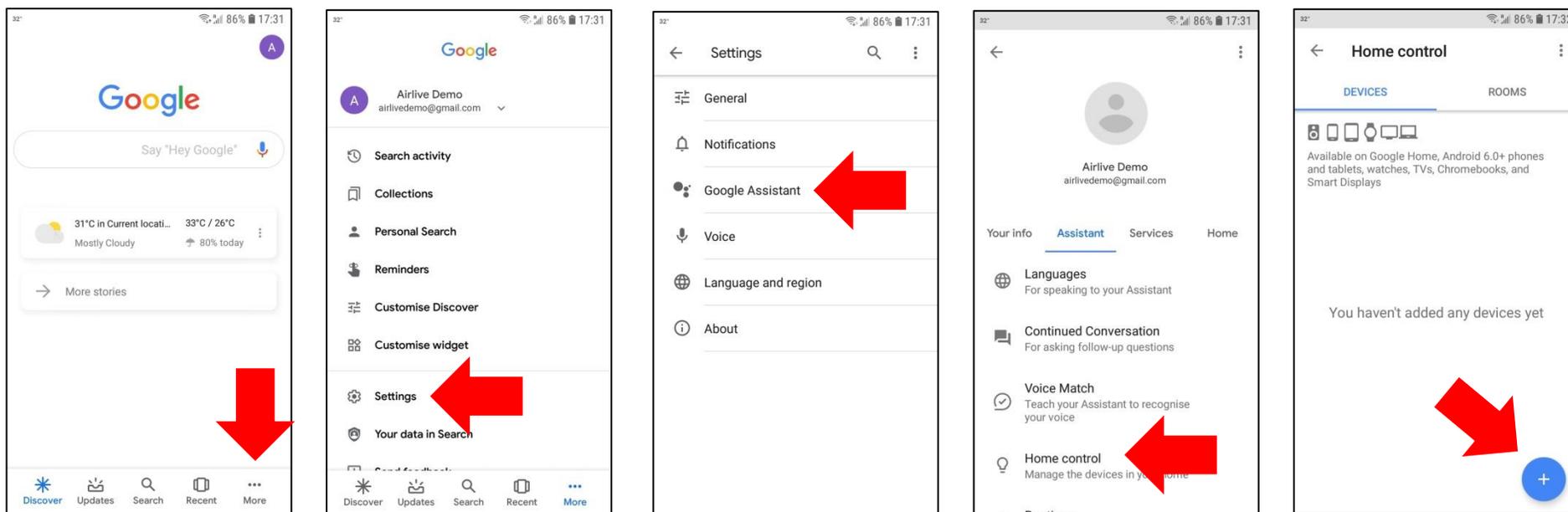
A new window will now open and we can continue the setup.

6 A new window will open with different brand names.

7 Type in the search AirLive and Click on AirLive Smart IoT Cloud.

8 Click on "Sign In"

9 Select the account you want use. MUST be the same as the one used for AirLive Smart IoT Cloud.
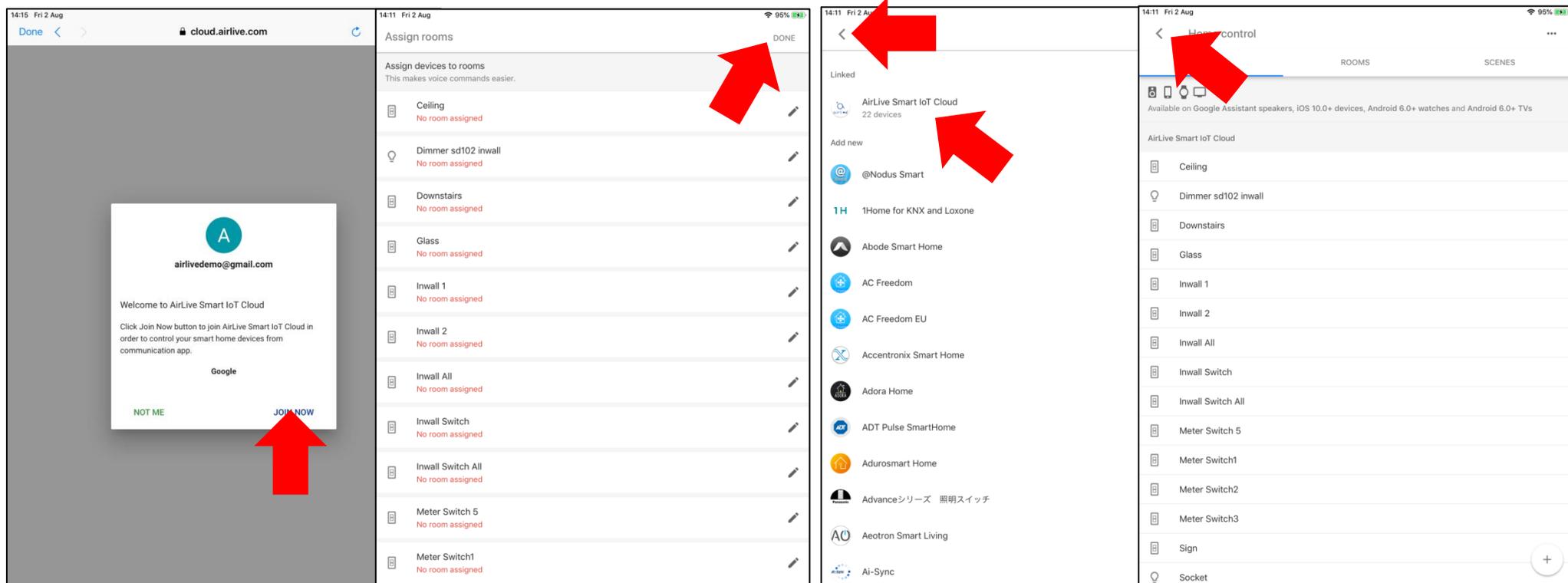
You now need to Join and your devices will be shown in the Google Assistant.

9 Click "Join Now".

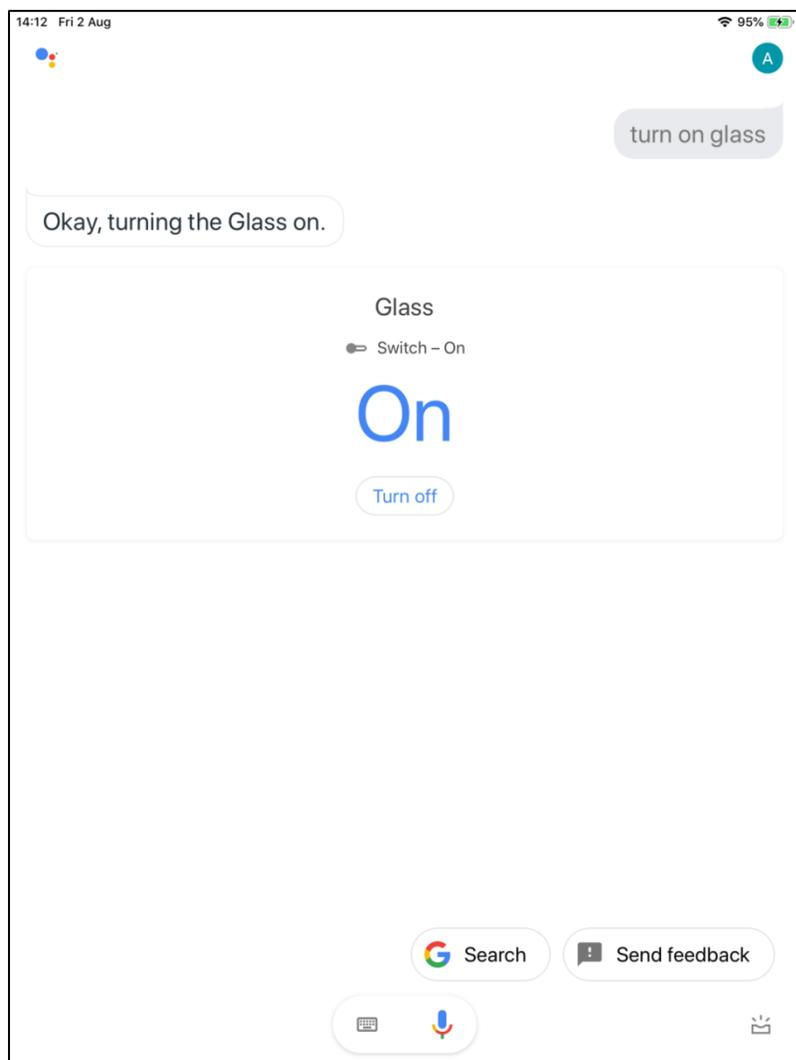10 Your added devices are now shown (add to Google Rooms if you like) or directly click "Done".

11 AirLive Smart IoT Cloud will show your Connected devices (only Switches and Dimmer) Click "<" to go back.

12 Click Left Pointing Arrow "<" button to go back

Your Devices have now been added; when you now go back to main screen of Google Assistant you can activate your devices by Voice Control. Say for example Ok Google turn on/off (name of your device)

When you like to add additional devices to the Gateway on a later time and also see them in the Google app please say "OK Google Sync Devices".

Lights

To do this:	Say "Ok Google" or "Hey Google," then...
To turn on/off a light	"Turn on <light name>"
Dim a light	"Dim the <light name>"
Brighten a light	"Brighten the <light name>"
Set a light brightness to a certain percentage	"Set <light name> to 50%"
Dim/Brighten lights by a certain percentage	Dim/Brighten <light name> by 50%"
Change the color of a light	"Turn <light name> green"
Turn all lights in room on or off	"Turn on or off lights in <room name>"
Turn all lights on or off	"Turn on or off all of the lights"

Plugs and switches

| To do this:	Say "Ok Google" or "Hey Google," then...
Turn plugs on or off	"Turn on or off the [plug name]"
Turn switch on or off	"Turn on or off the [switch name]"

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5. How to Setup Google Assistant iOS

The setup for Google Assistant for iOS is very similar as to the one for Android. Only with iOS you would first need to install the Google Assistant APP. Note that this Google APP is not available in every country. When you cannot download the Google Assistant APP from the APP Store then please search for the Google Home App and use that one instead.

1 Install the Google Assistant APP and start it.
2 Click the Login icon you MUST use the same account as used with AirLive Smart IoT Cloud.
3 Click Home Control, from this point on the setup is the same as for Android please continue from step 4 of the Google Assistant setup for Android.
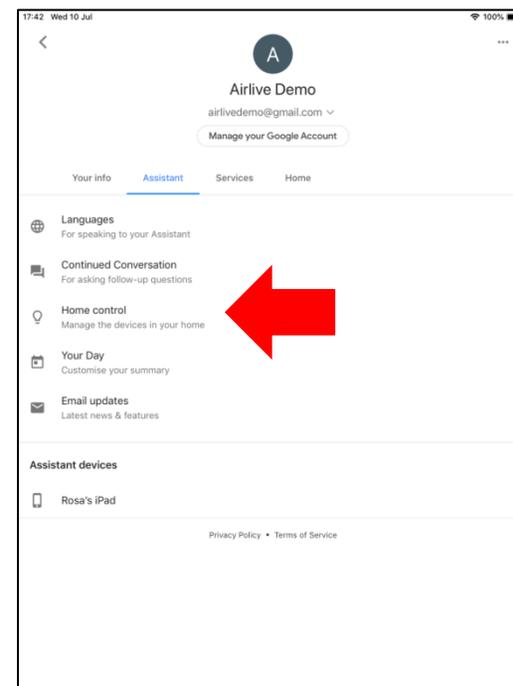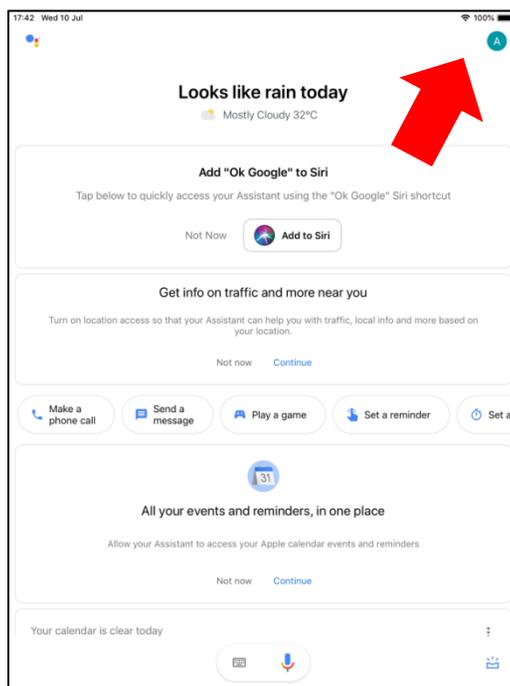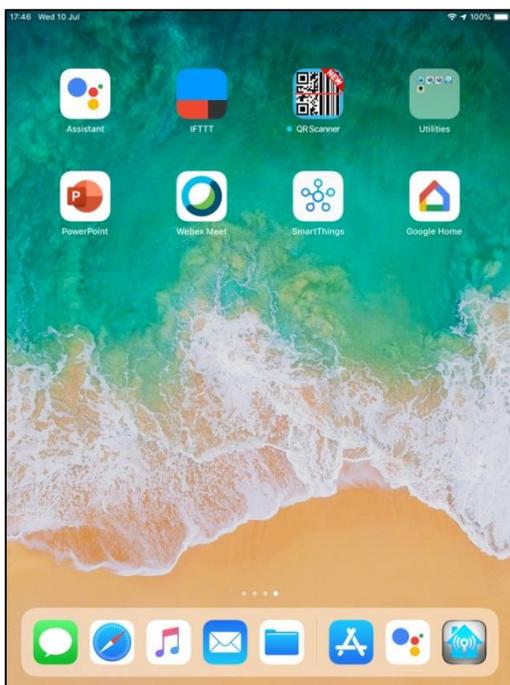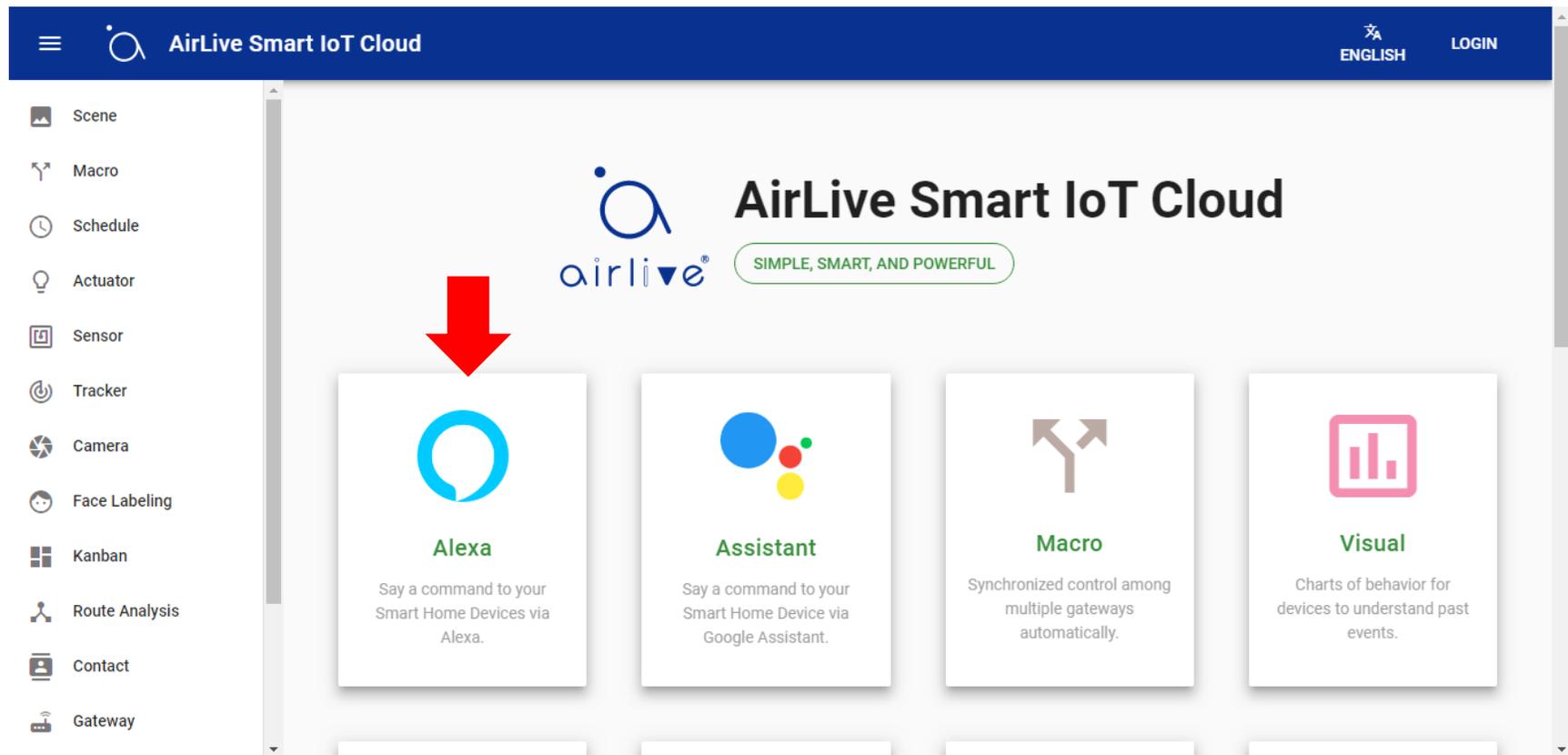
6. How to Setup Amazon Alexa Option 1

To setup Amazon Alexa using Option 1 please make sure you have already setup your Alexa Speaker and use the same Email account as was used for AirLive Smart IoT Cloud!

1 On the AirLive Smart IoT Cloud main page Click on the Alexa logo.
2 You will be redirected to the Amazon home page.

A new window will open on the Amazon website showing the AirLive Smart IoT Cloud Skill. First make sure you have setup your Alexa Speaker already.

1 Login to Amazon using the SAME account as was used for the AirLive Smart IoT Cloud. Click "Sign In".
2 A new smaller window will pop up. Enter your account details again using the same account as was used for AirLive Smart Iot Cloud.

After signing into to Amazon you will have the option to Enable the Skill. This is needed for Voice Control for Alexa.

1 Click Enable at Get this Skill

The Skill will now be enabled and linked to your Gateway, note that again when are asked to sign in to use the same account as was used to AirLive Smart IoT Cloud.

1 Click on "Sign In".
2 Select the SAME account as was used for AirLive Smart IoT Cloud.
3 Click on "Join Now".

Alexa has now been successfully linked to your Gateway.

After closing the above window a new window will open, when following the Amazon instructions it will allow Alexa to search your devices which are connected to the Gateway.

1 Click on "Discover Devices" to let Alexa search, follow the Amazon instructions.

Amazon also mentioned a new browser page will open; this is the Amazon Alexa Setup page. Go to Smart Home to see your connected Z-Wave devices.
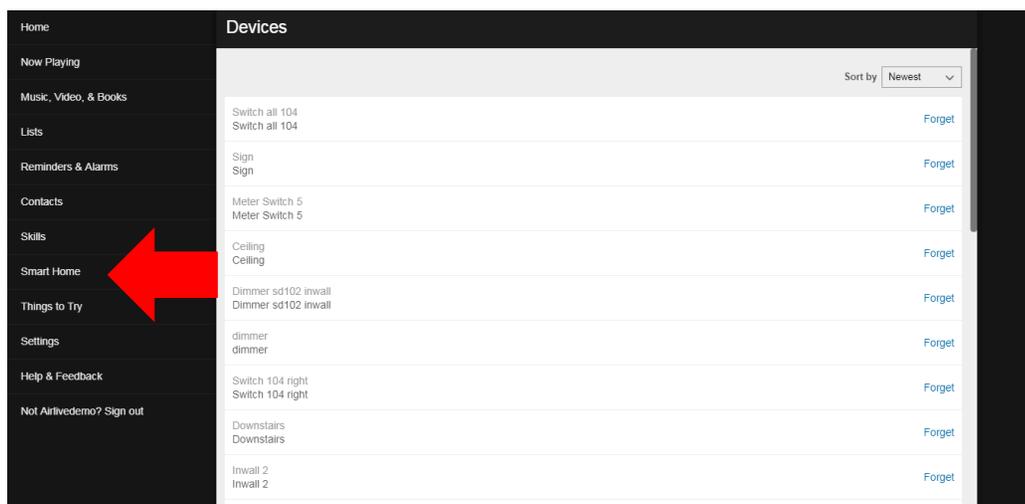
To control your devices please use the following Alexa Commands.

Alexa Smart Home Skill Command list

Discover New Devices

"Alexa, discover new devices."

Simple Switch Control

" Alexa, Turn on / off [smart home device / group name]."

"Alexa, Start / Activate [scene]."

"Alexa, Turn on / off [smart home device] in [group name]."

Dimmer/Curtain Control

" Alexa, Set [smart home device / group name] to [##]%."

"Alexa, Brighten / dim [smart home device / group name]."

Door sensor/Door Lock Status

" Alexa, Is the [smart home device] open?"

" Alexa, Did I close my [smart home device]?"

6.2 How to Setup Amazon Alexa Option 2

To setup Amazon Alexa using Option 2, We will first setup the Alexa Speaker and then go directly to the Amazon Alexa webpage. There is no need to click on the Alexa logo in AirLive Smart IoT Cloud. Again please make sure you use the same Email account as was used for AirLive Smart IoT Cloud.

1 Please go to the website https://alexa.amazon.com/spa/index.html#cards . And create an account. Please use the same Google account as AirLive Smart IoT Cloud.
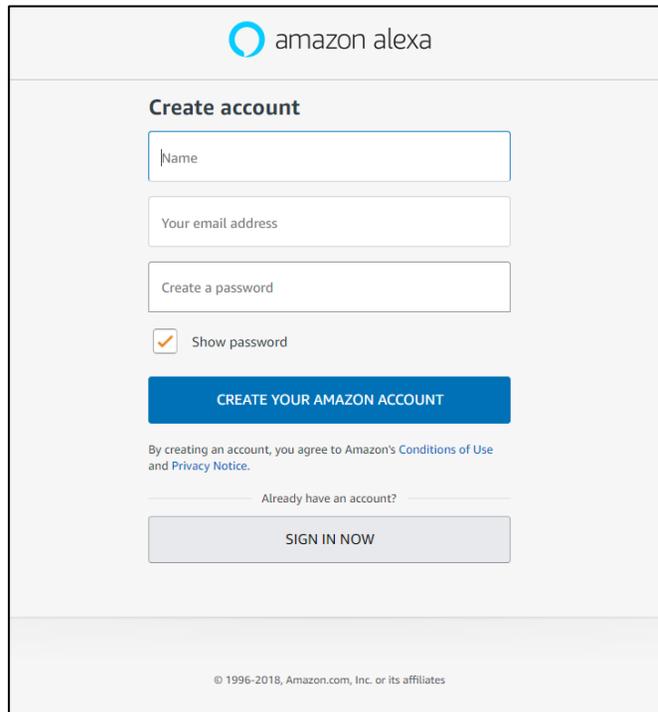
First the Amazon Alexa speaker would have to be setup. Follow the steps as instructed by Amazon.
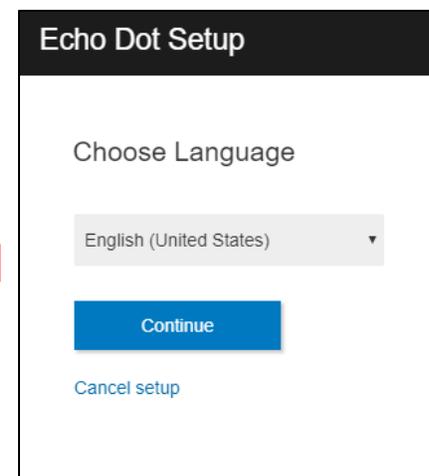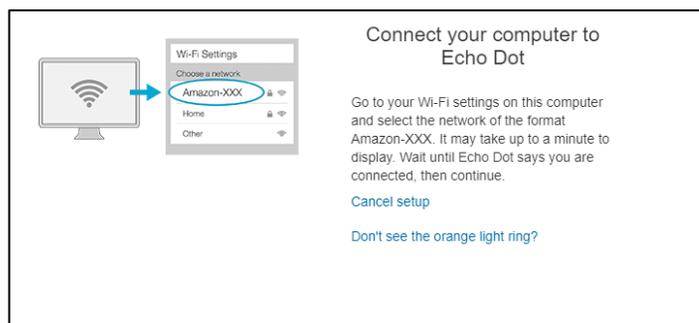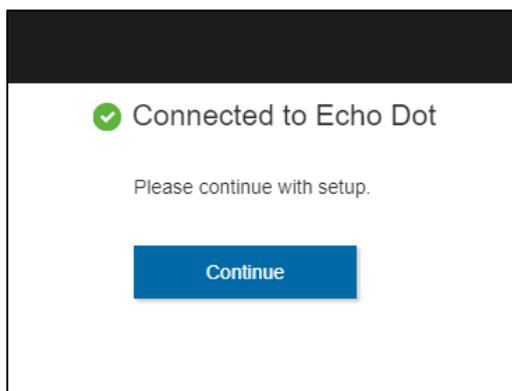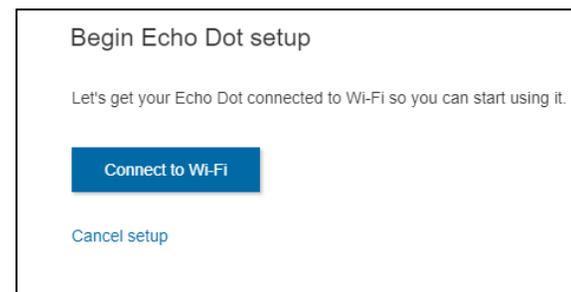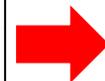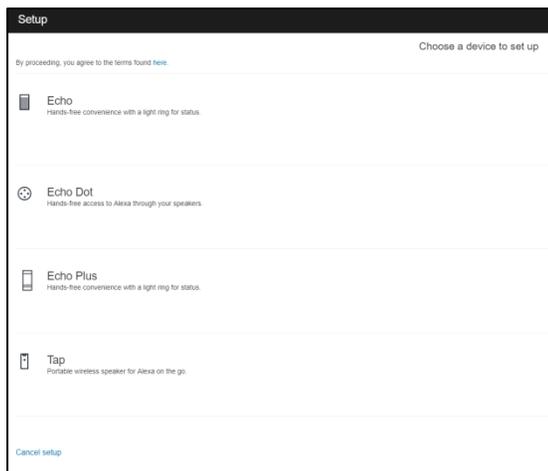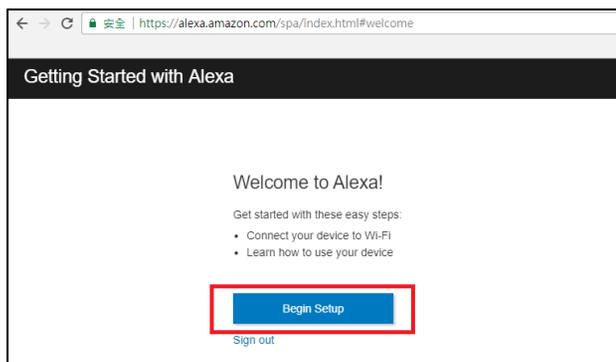
Select your Wi-Fi network.

Select your Wi-Fi network

Previously Saved to Amazon.   Learn More

No Wi-Fi networks have been saved.

Other Networks

Luffanet2G

Luffanet5G

ASUS_KP

CHT WI-Fi(HiNet)

Chris 2F

Luffa

PS

TFTC

Tommy_268_4G

Add a Network

Cancel setup   Rescan

Setup Complete

Echo Dot is now connected to Wi-Fi.

Continue

Welcome to Alexa!

Amazon processes and retains audio, interactions, and other data in the cloud to provide and improve our services. Alexa allows purchasing by voice using your default payment and shipping settings. You can require a speakable confirmation code, turn off voice purchasing, and see product and order details in your Alexa app or on alexa.amazon.com. Alexa also allows you to call and message your friends and family. Learn more.

By clicking "Continue", you agree to Amazon's Conditions of Use and all the terms found here.

Continue

Sign out

On the Amazon Alexa webpage you would now first need to add a Skill.

1 Go to Skills.
2 In the search bar of the Skills page type AirLive and select the "AirLive Smart IoT Cloud" Skill.
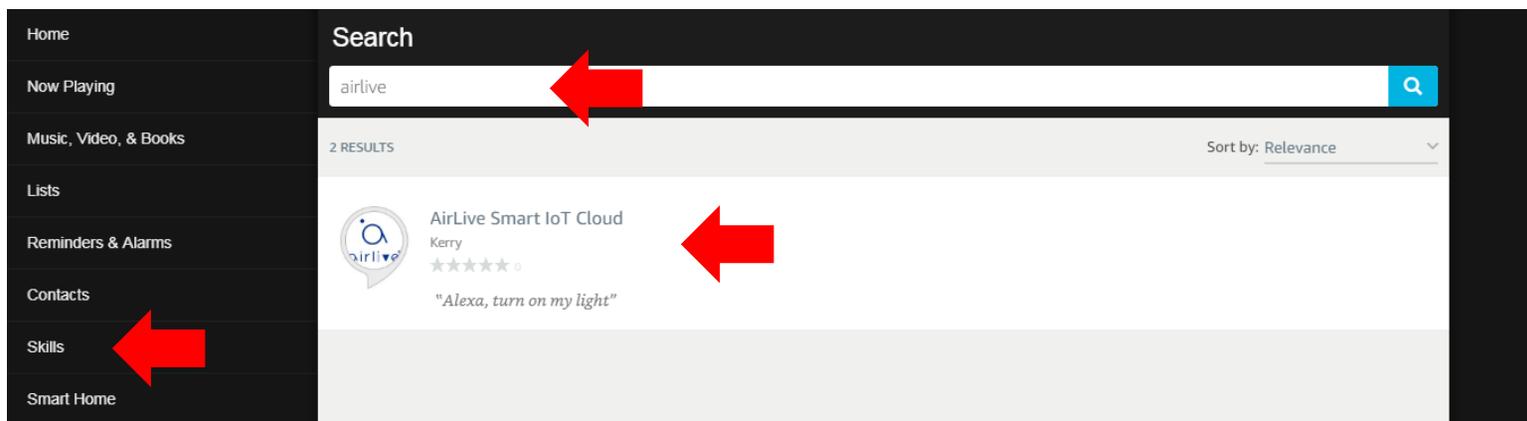
To start using Alexa and your devices you need to enable the skill. Again use the same account which you used for the AirLive Smart IoT Cloud when you are asked to login.

1 Click on "Enable".
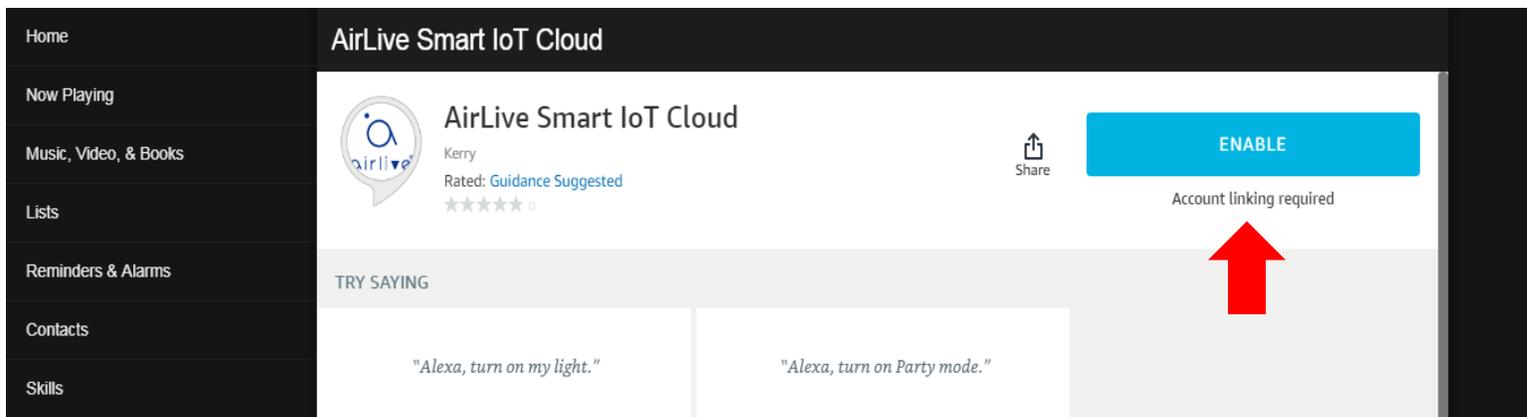
The Skill will now be enabled and linked to your Gateway, note that again when are asked to sign in to use the same account as was used to AirLive Smart IoT Cloud.

1 Click on "Sign In".
2 Select the SAME account as was used for AirLive Smart IoT Cloud.
3 Click on "Join Now".
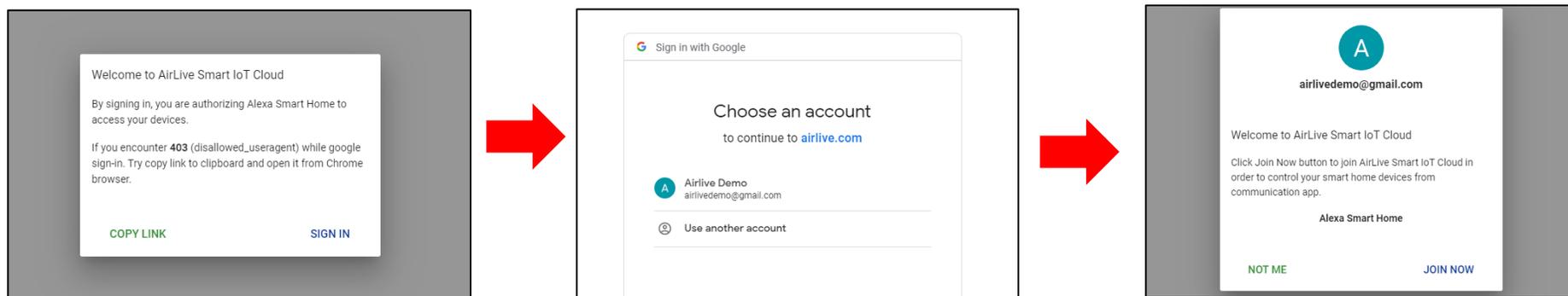
Alexa has now been successfully linked to your Gateway.
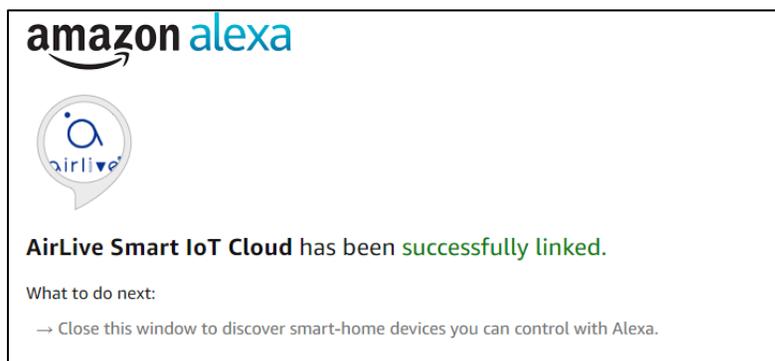
After closing the above window a new window will open, when following the Amazon instructions it will allow Alexa to search your devices which are connected to the Gateway.

1 Click on "Discover Devices" to let Alexa search, follow the Amazon instructions.
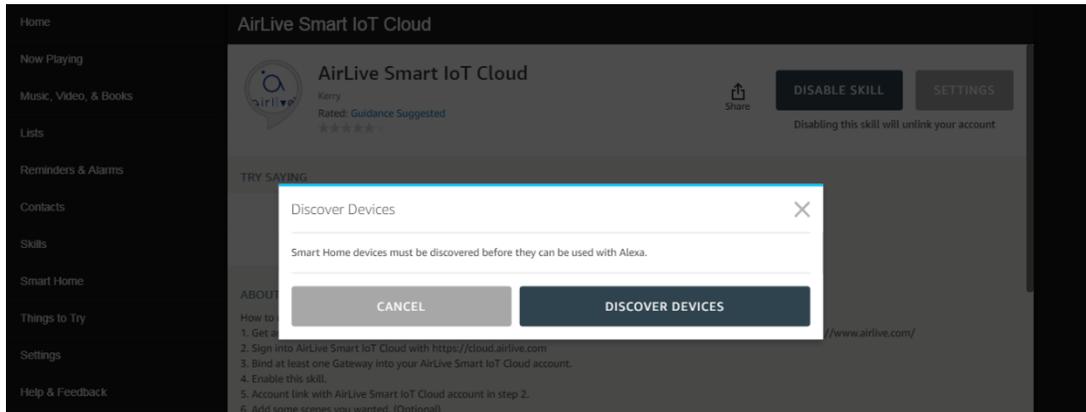
Go to Smart Home in the left menu to see your connected devices.

1 Click on Smart Home.
2 Click on Devices to see your connected devices or to do a new search.
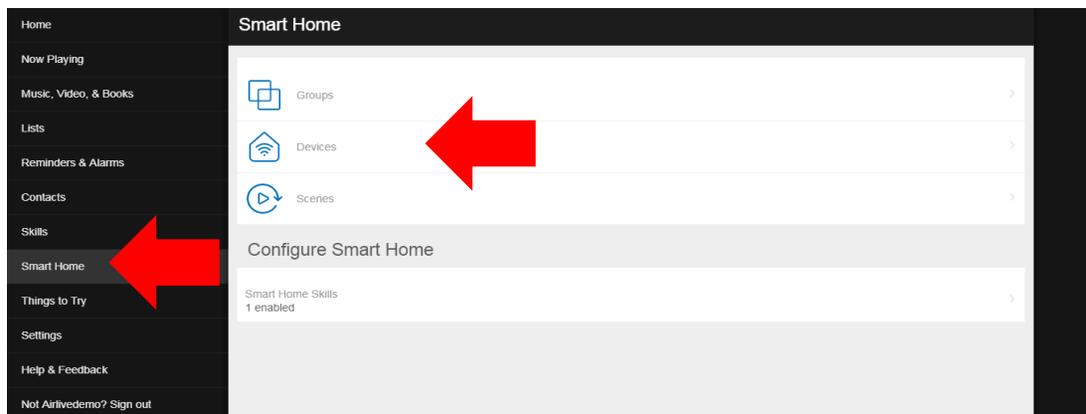
To control your devices please use the following Alexa Commands.

Alexa Smart Home Skill Command list

Discover New Devices
"Alexa, discover new devices."

Simple Switch Control
" Alexa, Turn on / off [smart home device / group name]."
"Alexa, Start / Activate [scene]."
"Alexa, Turn on / off [smart home device] in [group name]."

Dimmer/Curtain Control
" Alexa, Set [smart home device / group name] to [##]%."
"Alexa, Brighten / dim [smart home device / group name]."

Door sensor/Door Lock Status
" Alexa, Is the [smart home device] open?"
" Alexa, Did I close my [smart home device]?"

Points to note:

Make sure your Gateway and all the devices are working.
Make sure your Alexa is working.

7 Scene Configuration.

A Scene can control a single or multiple devices with one button. Note that Scenes which were made with the AirLive App will already show up in the Airlive Cloud after the Gateway has been added. When making a Scene in the AirLive Cloud it will also be displayed in the App.

When multiple Gateways have been added to the Airlive Cloud, ALL scenes will be shown on this page. To see only the Scene from one Gateway click on the Gateway icon and select the Gateway for which you want the Scenes to be displayed.

Click on the Search button to search for a Scene by name.
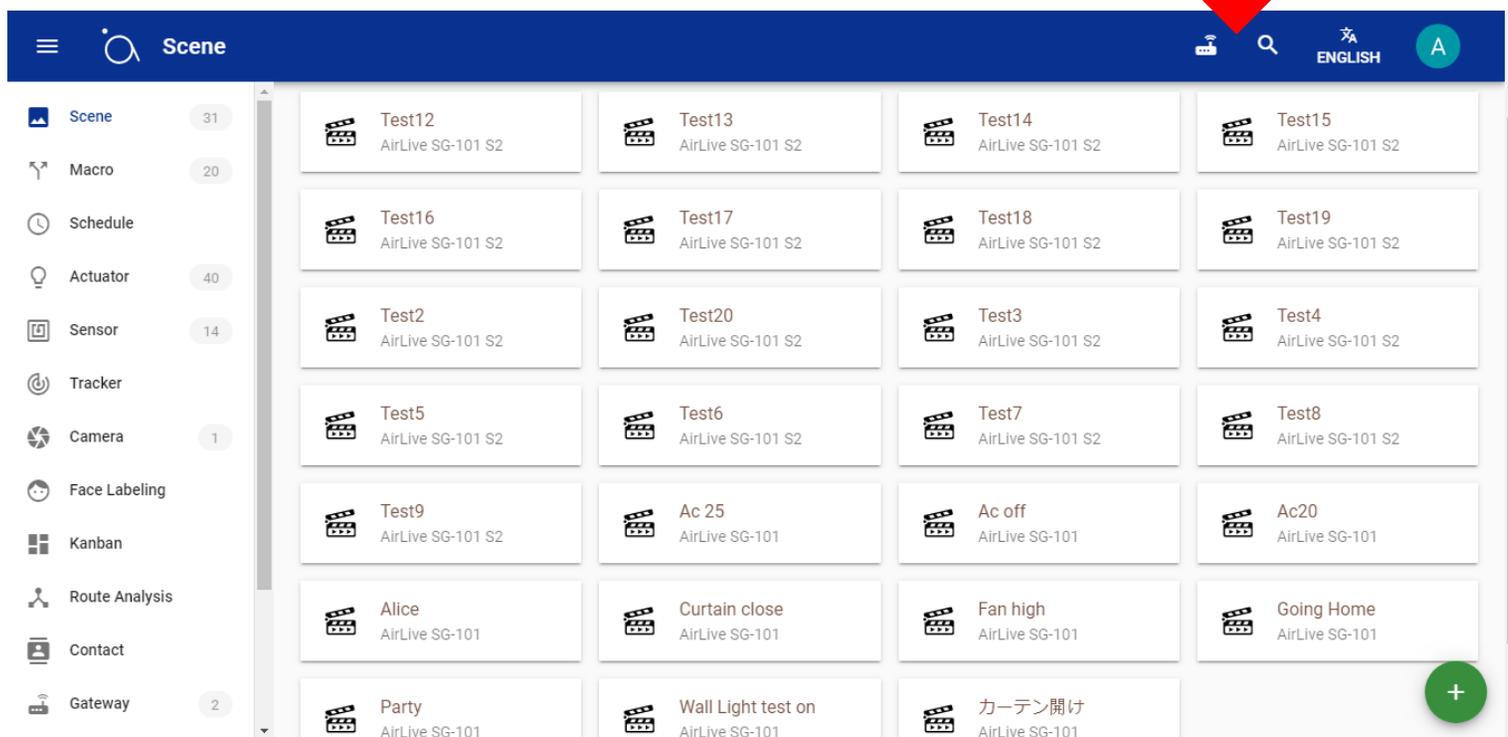
7.1 Adding a Scene

To Add a Scene click on the "+" Button on the bottom right corner of the screen. A new window will open, Select the Gateway for which you need to make the Scene and enter the name of the Scene and click Create.
After the Scene has been created click on it to add the devices you would like to control with the Scene.

1 Click on the "+" icon in the bottom right corner to add a new Scene.
2 Select a Gateway and enter a name for the Scene, Click Create to finish.
3 Click on the newly made Scene to add Devices.
4 Press Save to save the Scene settings.
5 Press Activate to Start your Scene.
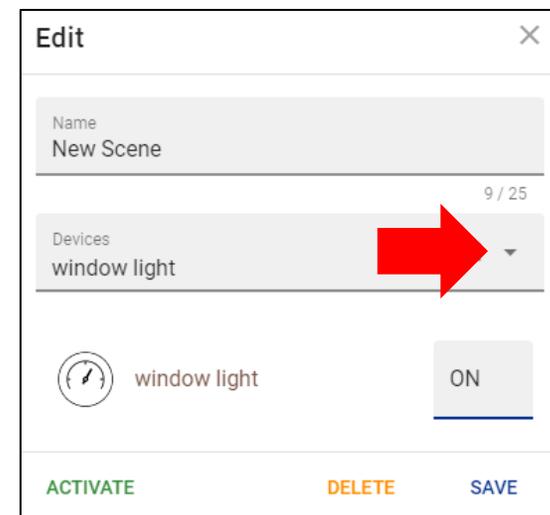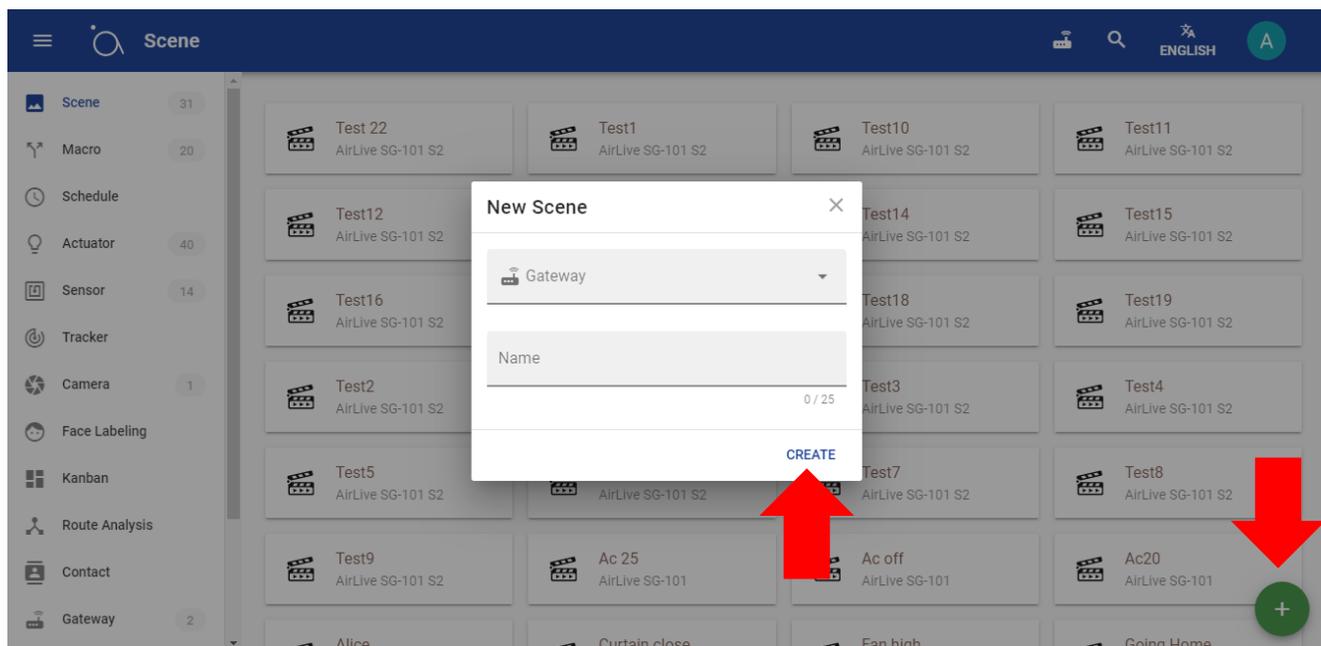
8 Macro Configuration and Control of devices using Multiple Gateways.

A Macro is an "IF This Then That" action meaning for example when a Motion Sensor is triggered the light will turn on automatically. When Macros were already made using the AirLive SmartLife Plus APP before the Gateway was added to the AirLive Cloud then those Macros will automatically be displayed ones the Gateway has been added to the AirLive Cloud. Note when more than one Gateway is added to the Airlive Cloud ALL macros will be shown in the macro page. To see the specific Macros from only one Gateway click on the Gateway icon and select the Gateway for which you want the Scenes to be displayed.

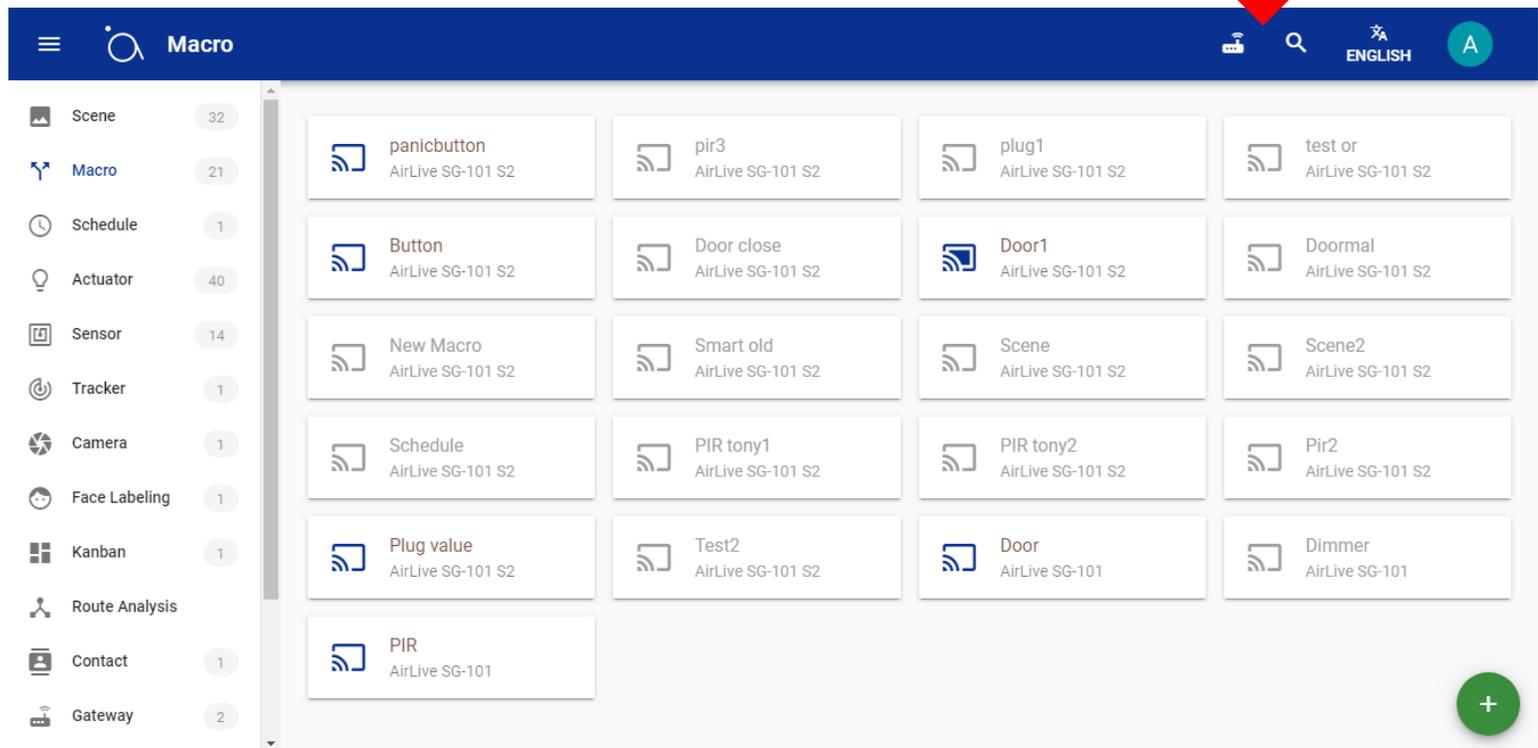Click on the Search button to search for a Macro by name.

8.1 Adding a Macro

To Add a Macro click on the "+" Button on the bottom right corner of the screen. A new window will open, Select the Gateway for which you need to make the Macro and enter the name of the Macro and click Create.
After the Macro has been created click on it to add the devices you would like to control with the Macro.

1 Click on "+" to add a new Macro.

2 Select a Gateway and enter a name for the Macro, Click Create to finish.

3 Add IF (Trigger) this is a Sensor.

4 Select Operator and Threshold for the selected Sensor (The value which will trigger the Sensor).

5 Add Then (Action) this is a Actuator.

6 Select what the Actuator should when the Sensor is triggered.

7 Press Save to Save the Macro.

8 Press Enable to Enabled the Macro.
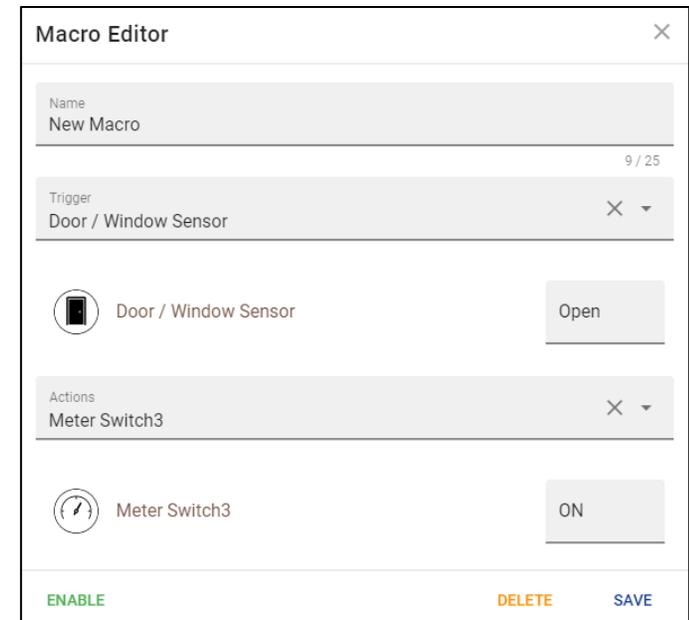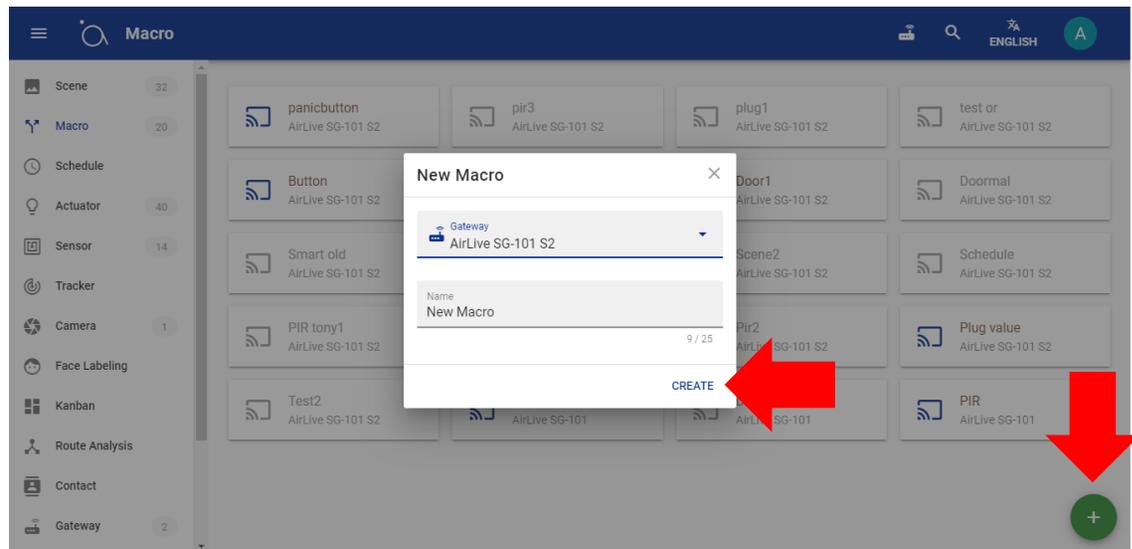
8.2 Reflect Control multiple Gateways

Reflect is a function which can let a Sensor which is connected to Gateway A activate a Scene which is made on Gateway B. For example Door Sensor on Gateway is triggered and the Light Switch connected to Gateway B is turned on.

To Enable the Reflect function click on the Macro you want to use, and select Reflect.

1 Click on Macro Name for which to use Reflect and Select Reflect
2 Select the Scene you want use on Gateway B (or any other connected Gateway)
3 Select Email contact is needed for notification. (Email contact is added via Contact menu)
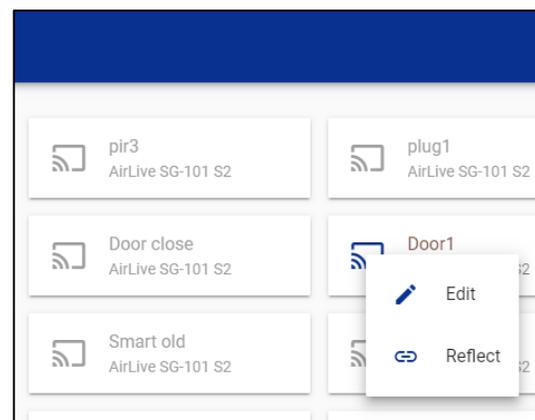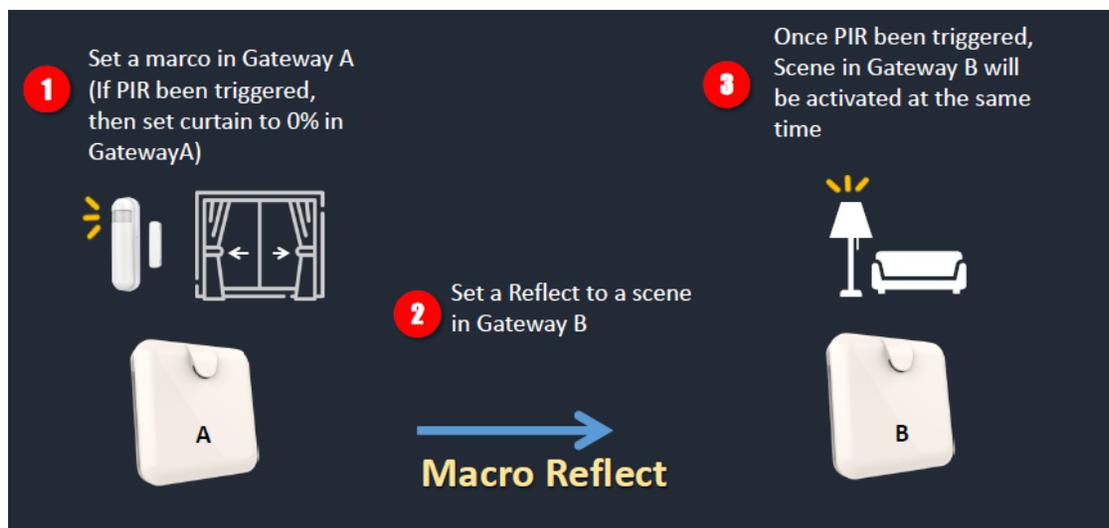
8.3 Macro Setting

To Edit a Macro click on the Macro you like to edit and select Edit from the menu.
The Macro icons can have 3 different colors, Blue filled box, Grey and Blue

Enabled Macro with Reflect

Disabled Macro

Enabled Macro
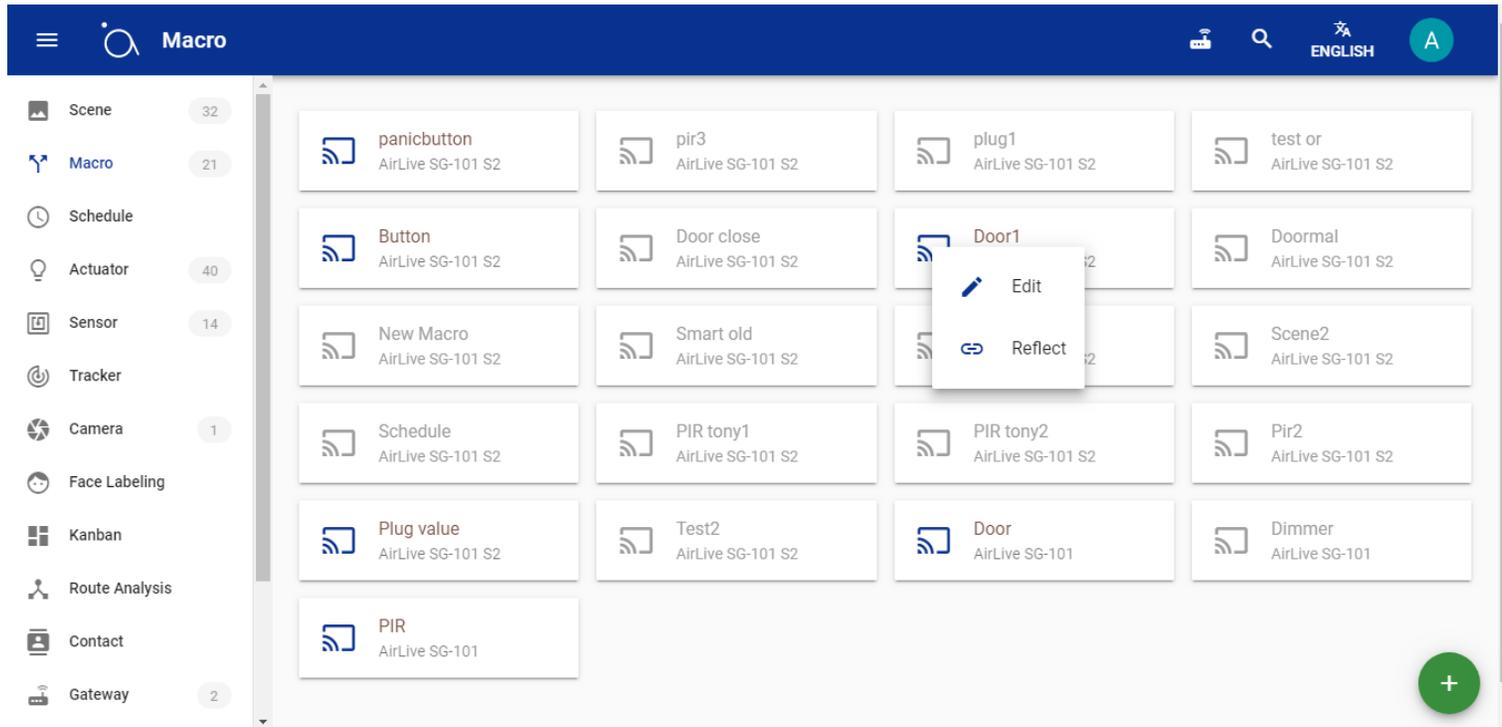
9 Schedule Setup.

A Schedule can be setup to start or stop a Scene at fixed time and day(s). To use this function a Scene must have been made via the AirLive SmartLife Plus app or via the Scene setup in the AirLive Cloud.
To make a Schedule first a name must be given to it, then select the Scene(s) the Schedule should control. For the correct time select your Region and Timezone. Time is the start time for the Schedule and Days is which day(s) the Schedule should be active.

1 Click on the "+" icon in the bottom right corner to make a schedule.
2 Enter a Name for the Schedule.
3 Select the Scene or Scenes which the Schedule should control.
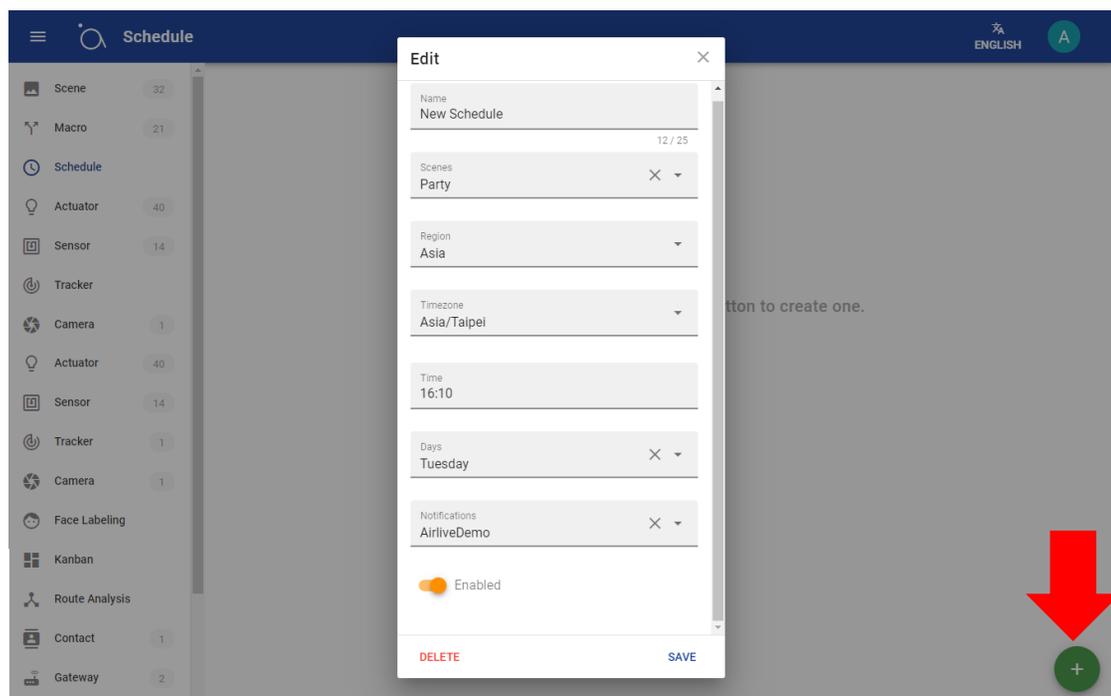4 Make sure the Region and Timezone are correct.
5 Setup the Start Time of the Schedule.
7 Select which day or days
the Schedule show be active.
8 Press Save to Save the made Schedule.
9 And Enable the Schedule.

10 Actuator Control.

All Actuators connected to the Gateway will be shown on this page, When multiple Gateways have been added to the AirLive Cloud All Actuators will be shown. To see only the Actuators from one Gateway click on the Gateway icon and select the Gateway for which you want the Actuators to be displayed.

Click on the Search button to search for an Actuator by name, or the Light icon to search by Device type.

A Red circle around the Actuator means no data was send from the device in the past 24 hours.
No red circle means normal operation.
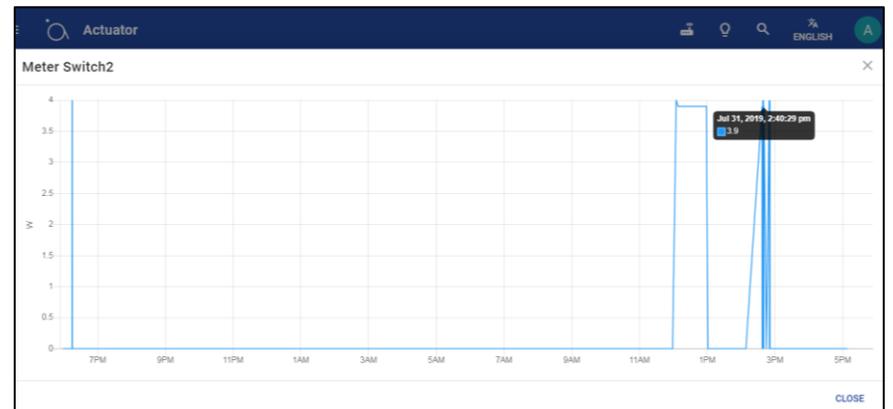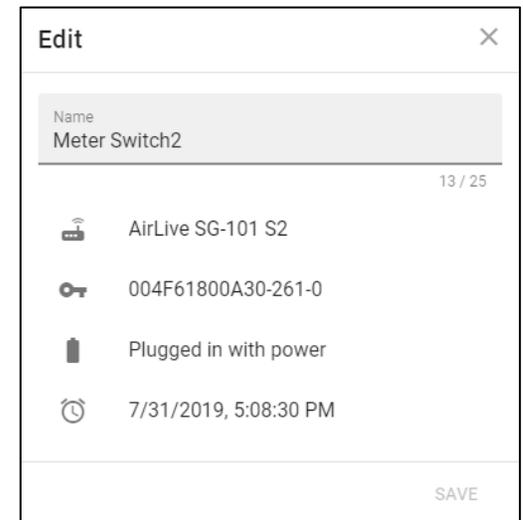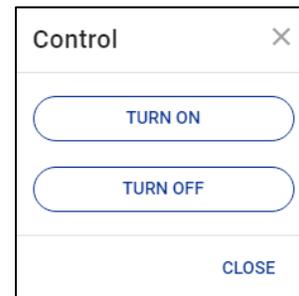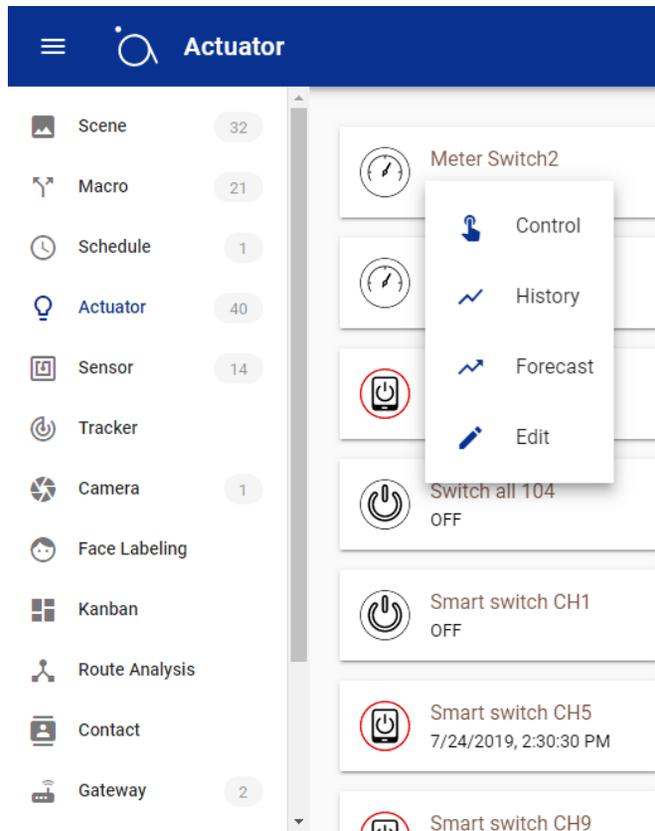
10.1 Actuator Extra Settings

For extra settings click on the Actuator and a new menu will pop up.

Control: Operate the Actuator for example turn it on/off
History: Shows a graph of the usage of the past 24 hours
Forecast: The graph displayed is a forecast of the power usage
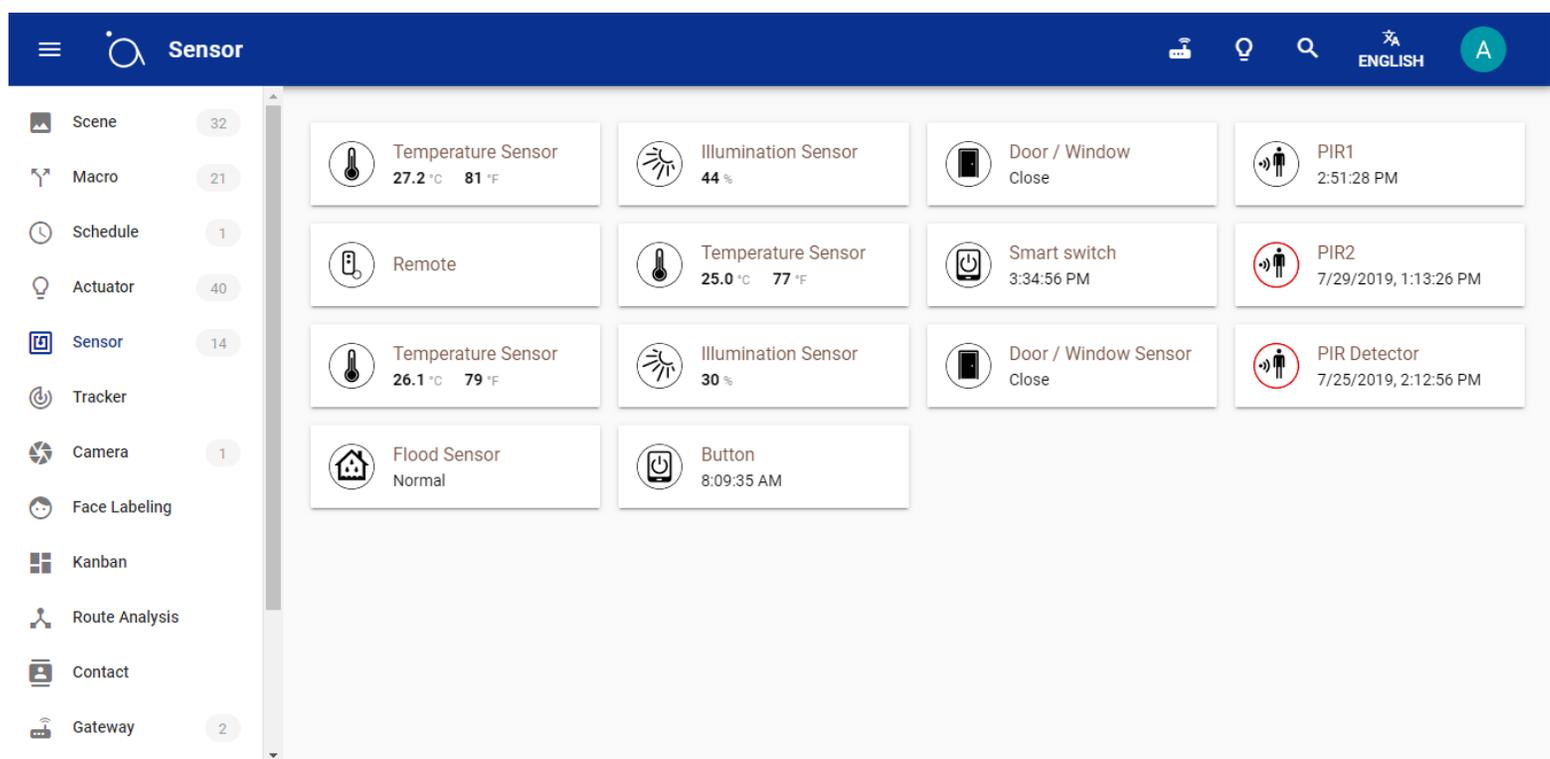Edit: Change the name of the Actuator and see the last time data was send.

11 Sensor Control.

All Sensors connected to the Gateway will be shown on this page, When multiple Gateways have been added to the AirLive Cloud All Sensors will be shown. To see only the Sensors from one Gateway click on the Gateway icon and select the Gateway for which you want the Sensors to be displayed.

Click on the Search button to search for a Sensor by name, or the Light icon to search by Device type.

A Red circle around the Sensor means no data was send from the device in the past 24 hours.
No red circle means normal operation.

11.1 Sensor Extra Settings

For extra settings click on the Sensor and a new menu will pop up.

History: Shows a graph of the usage of the past 7 days
Edit: Change the name of the Sensor and see the last time data was send as well as the battery status
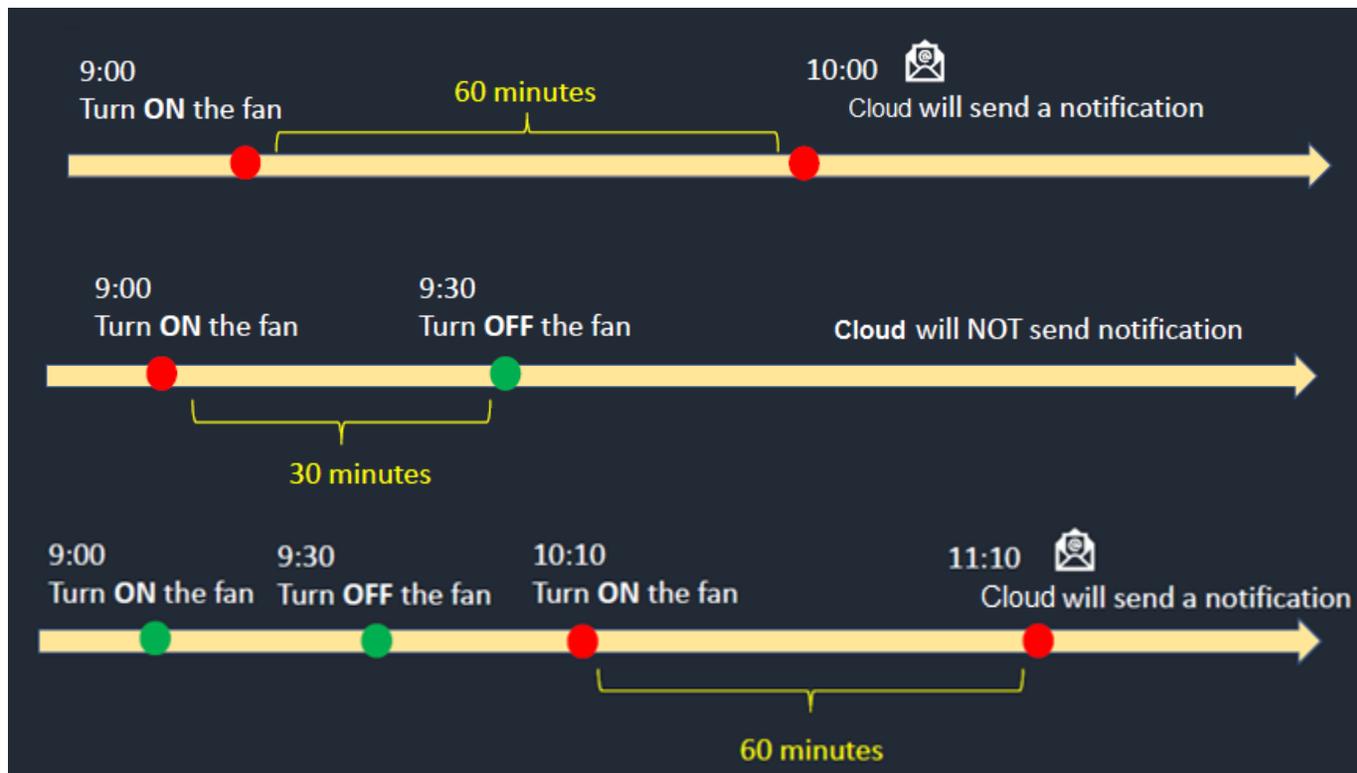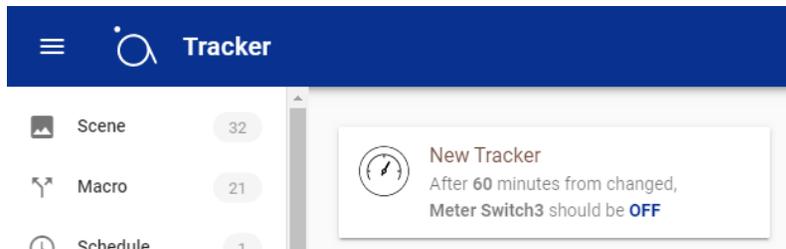
12 Tracker, Track an Active device.

Tracker is a function which can let you Track a switch or doorlock and get a notification (email) ones the status of the device has changed after a specific time. See the below 3 examples.

12.1 Adding a Tracker

To setup the Tracker makes sure you have an active Actuator.

1 Click on the "+" Icon to add a Tracker

2 Enter a name for Tracker and Select a Device

3 Choose the Status of the Device

4 Define the Time Period (max 60min)

5 Choose Notification Email address (added via Contact menu)
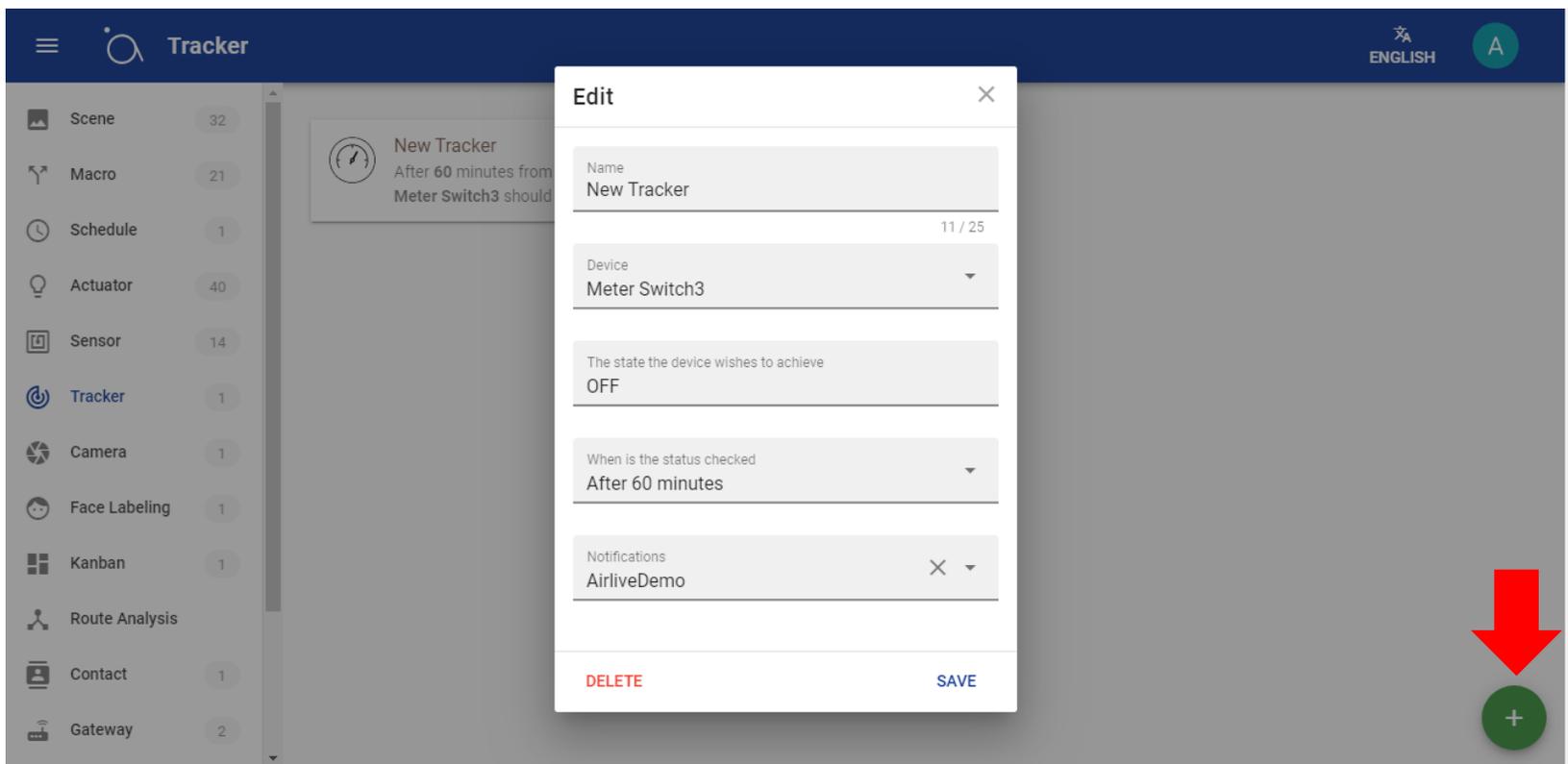
13 Camera Setup.

The camera which can be seen in the AirLive Cloud can only be a Onvif camera. First add the Onvif camera to the APP, Press the + and select Add Onvif Camera, Select your Camera and enter the username and password. The camera is now included. Click in the Camera with the Onvif Logo and the image will appear. Click the Camera icon for live streaming or the snapshot camera for a snapshot.
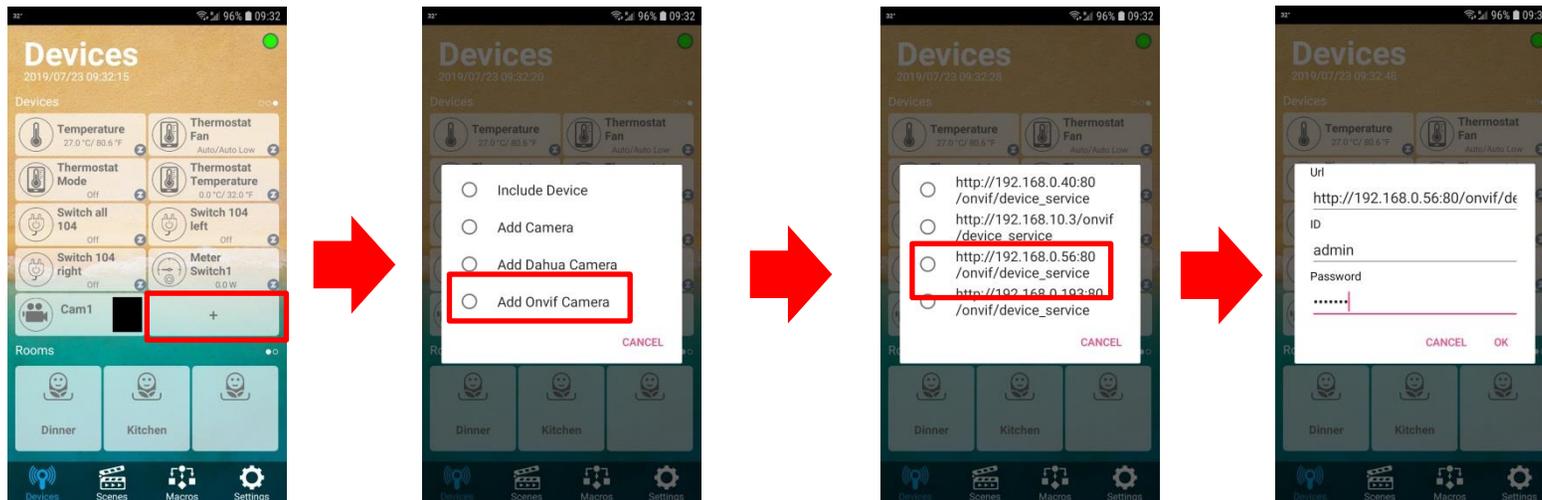
NOTE: When you APP does not have the Add Onvif Camera Option yet. Then please go to Settings >> Other Settings >> Advanced Setting >> Add Onvif Camera. To add the camera.

50

13.1 Camera Setup in AirLive Cloud

Ones the Camera has been added to the Gateway via the AirLive SmartLife Plus APP. It will automatically show up on the Camera page of the AirLive Cloud. There is no Live view, to see a new image please press the Refresh button. To setup a snapshot after a device has been triggered, click on the edit button and a name for the snapshot and select a trigger now select an email address to receive the notification. When the sensor is triggered the camera will make a snapshot and send it to the selected email address.

1 Enter name for the Snapshot.
2 Select the Trigger Device.
3 Choose Notification Email address (added via Contact menu).
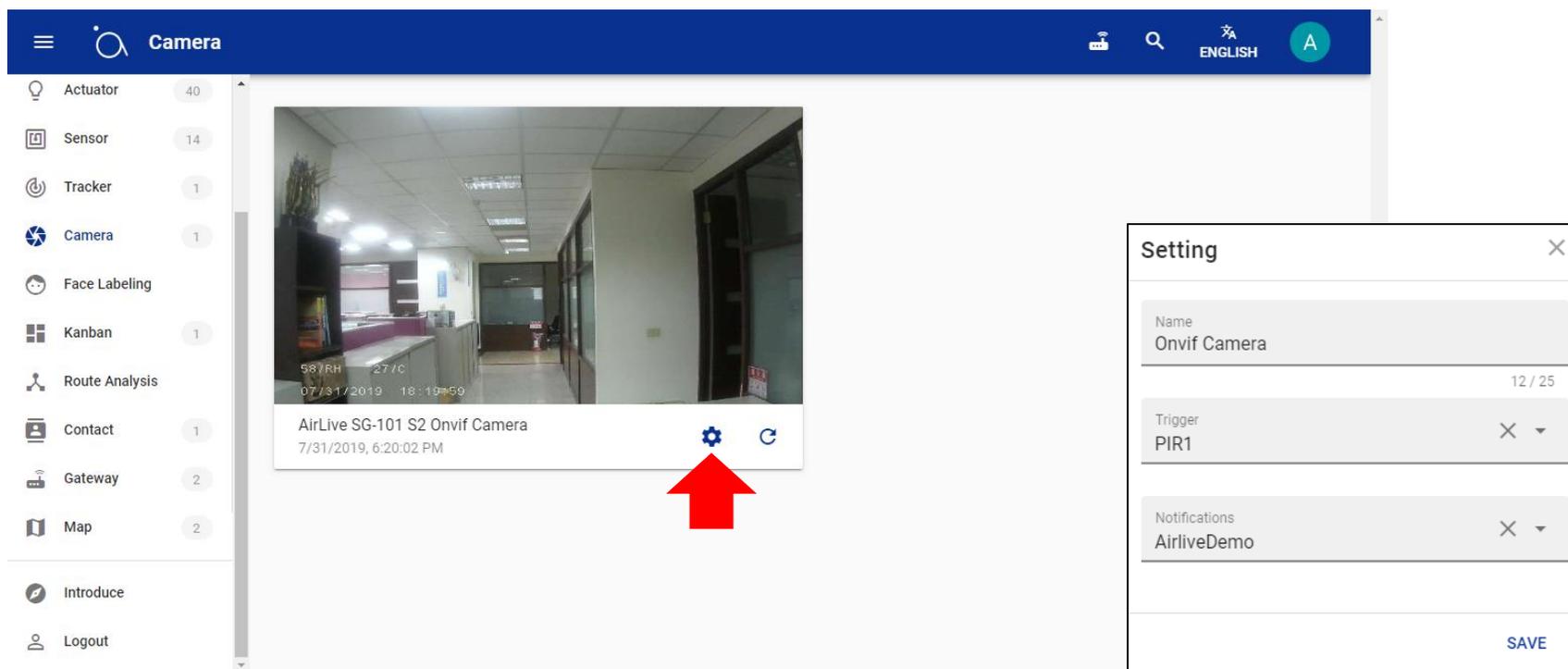
14 Face Labeling Setup.

Face Labeling allows for a Scene to be activated when a Sensor has been triggered and a face match has been successfully done. Trigger an action with Face Recognition. Example:

1 PIR Trigger

PIR Motion Sensor

2 Camera get a Snapshot

Smart IPCam

3 Face Recognition

Snapshot Notification

4 Activate Scene
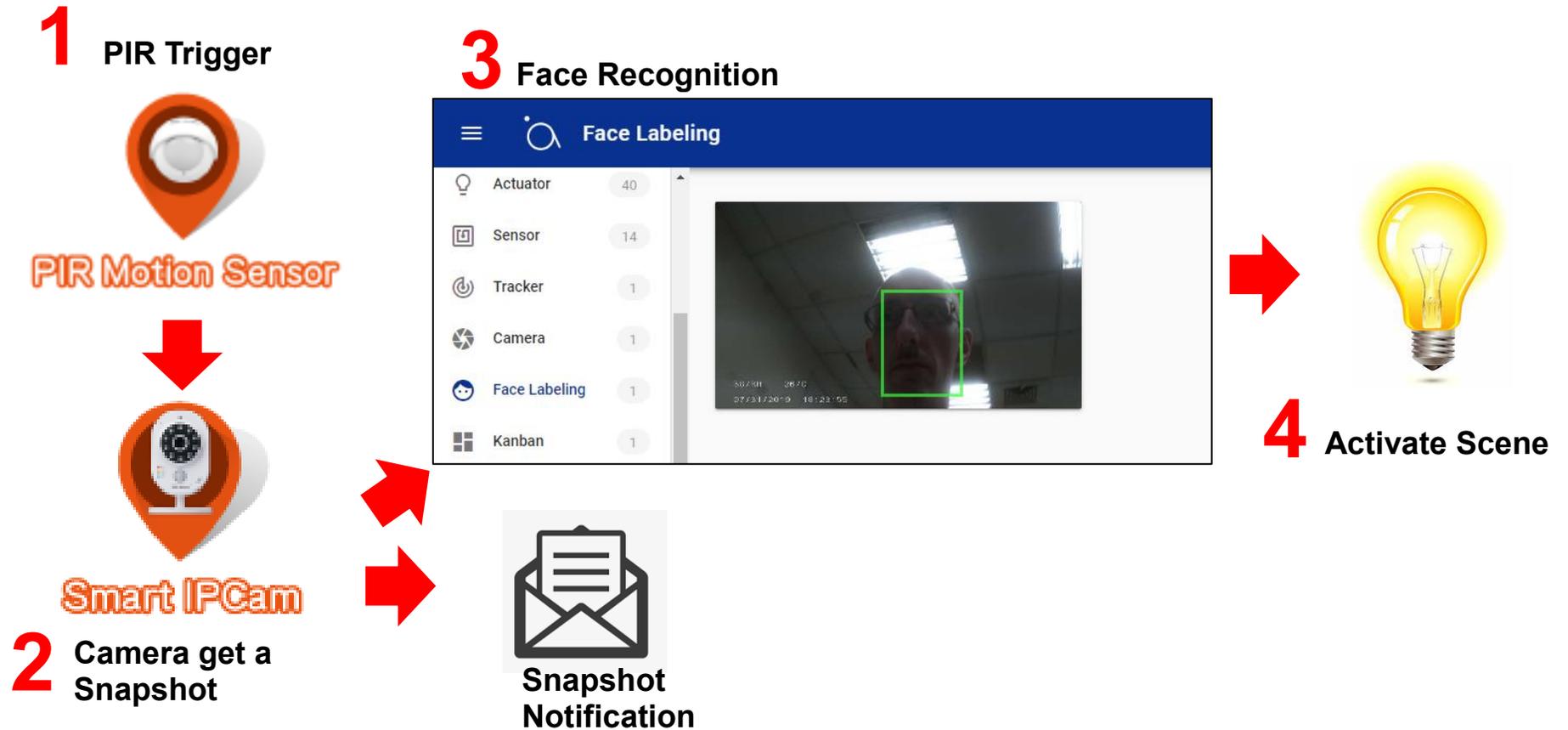
14.1 Add a Face to the AirLive Cloud and Setup Trigger.

First make sure the Camera as already been setup as shown in Chapter 13. The Face Labeling Page will allow you to add a Face using the Onvif Camera. First make sure the camera was setup and a Trigger was selected as shown on the Camera page. Click the + and Add a Face one a time. Click add Face to save the Face. When this was successful a green frame will be shown around the face.

1 Click the "+" icon in the bottom right corner of the page.
2 Select the Camera which has been setup.
3 Make sure the Face you want to add is in front of the camera (only add 1 face at a time).
4 Click Add Face.
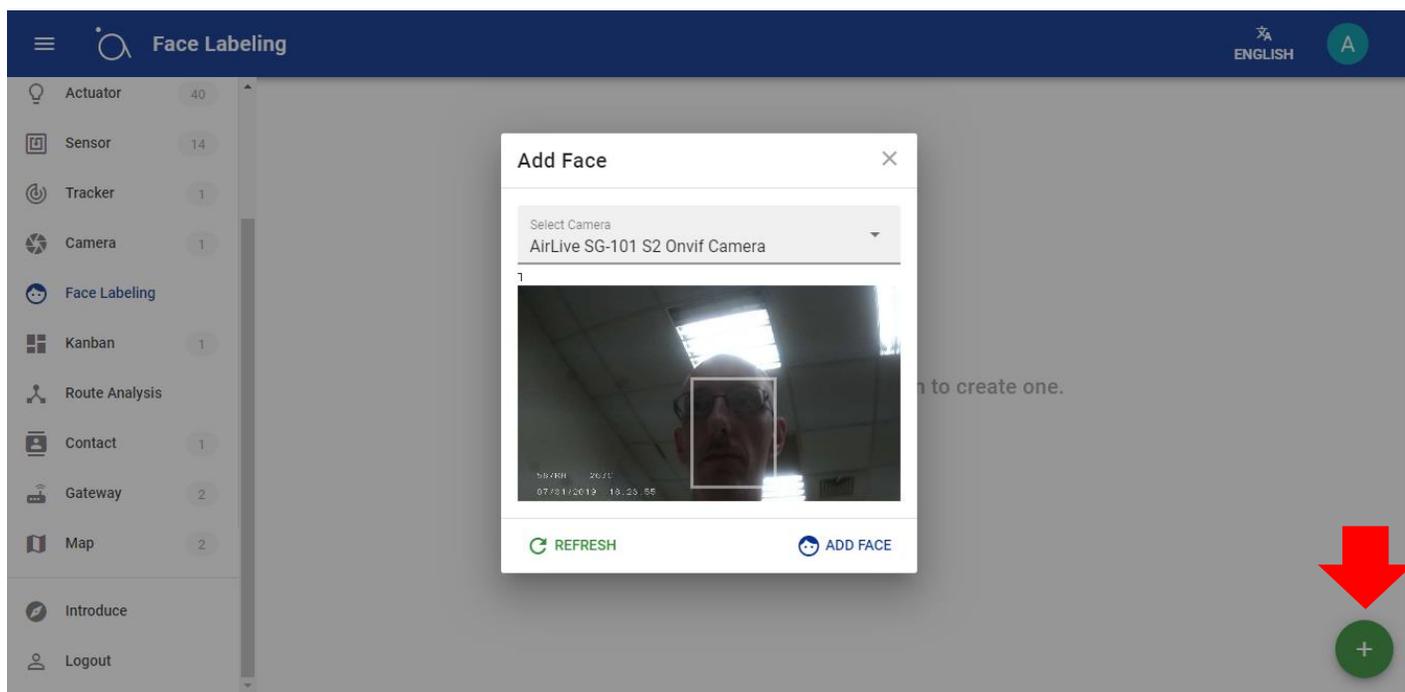
After the face has been added a Green frame will be shown around the face to indicate that is was successful.
Click on the face to setup up the Scene which needs to be activated when the trigger has been triggered.

1 Enter the name of the Face.
2 Select the Scene to be activated.
3 Press Save to save the setup.

When you sensor is now triggered and at the same time the correct face is detected the Scene will be activated.
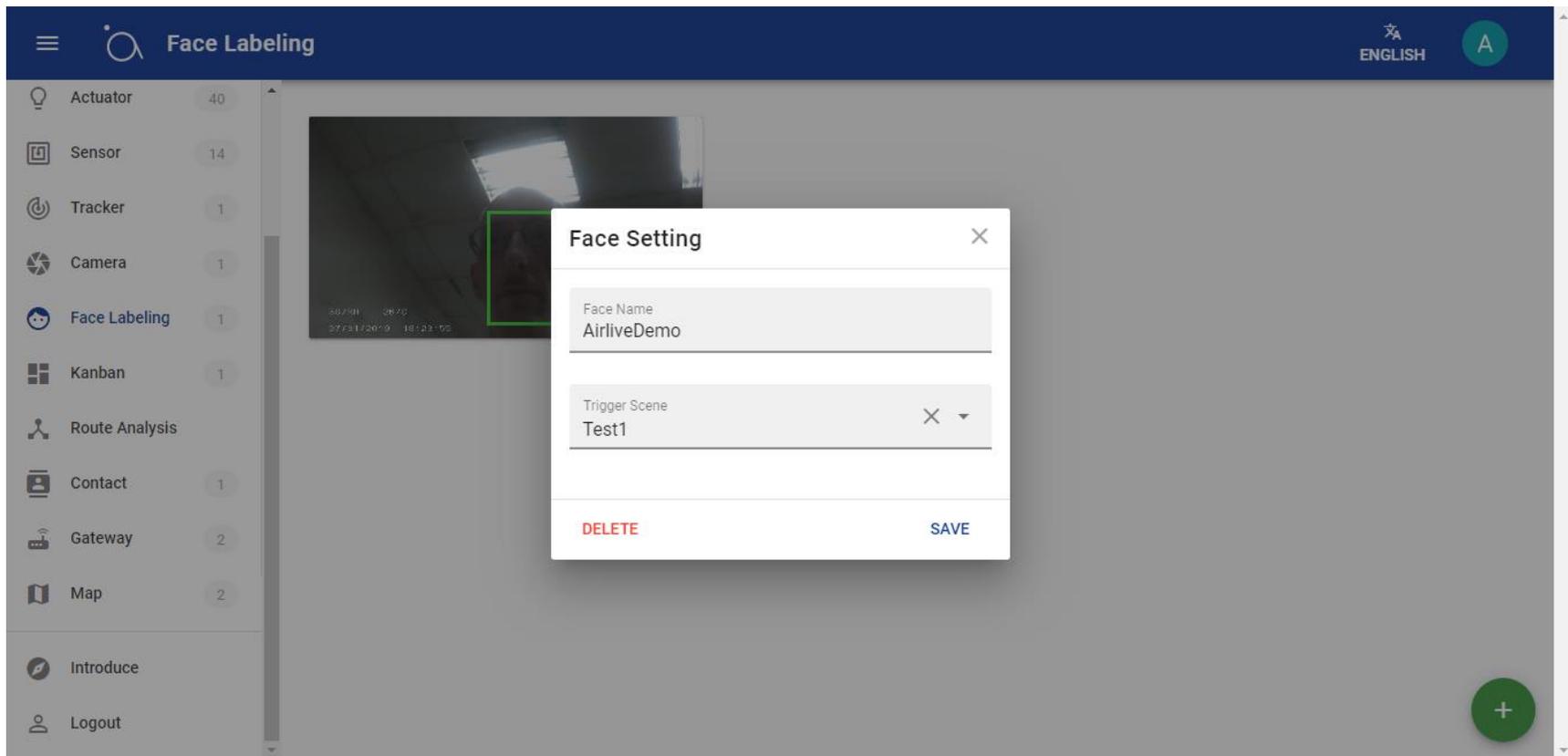
15 Chart display charts of the devices.

Chart will display Charts of behavior for devices to understand past events, This can be the temperature from one or up to a max of 3 temperature sensors in one room or one to a max of 3 Smartplugs showing the power usage. The chart can display the value of a sensor or power meter device from 1 to maximum 7 days.

1 Click on the "+" icon in the bottom right corner to add a Chart.

2 Enter a name for your Chart.

3 Select the type of chart, for example Temperature.

4 Select the Chart Trend.

5 Select the Unit, for example Celsius or Fahrenheit.

6 Select the devices you would like to add to the Chart, this can be one or multiple.

7 Select the number of days and Save the settings.

16 Route Analysis (under development).

Route Analysis is a future function which is still under development, when ready it will display the Z-Wave connection between the Gateway and all AC powered Z-Wave devices.

17 Contact Setup.

Contact Setup is used to add Email contacts to the AirLive Cloud which can be used for notifications.
This can be with the Reflect function on the Macro setup, or when a Camera has been added a snapshot can be
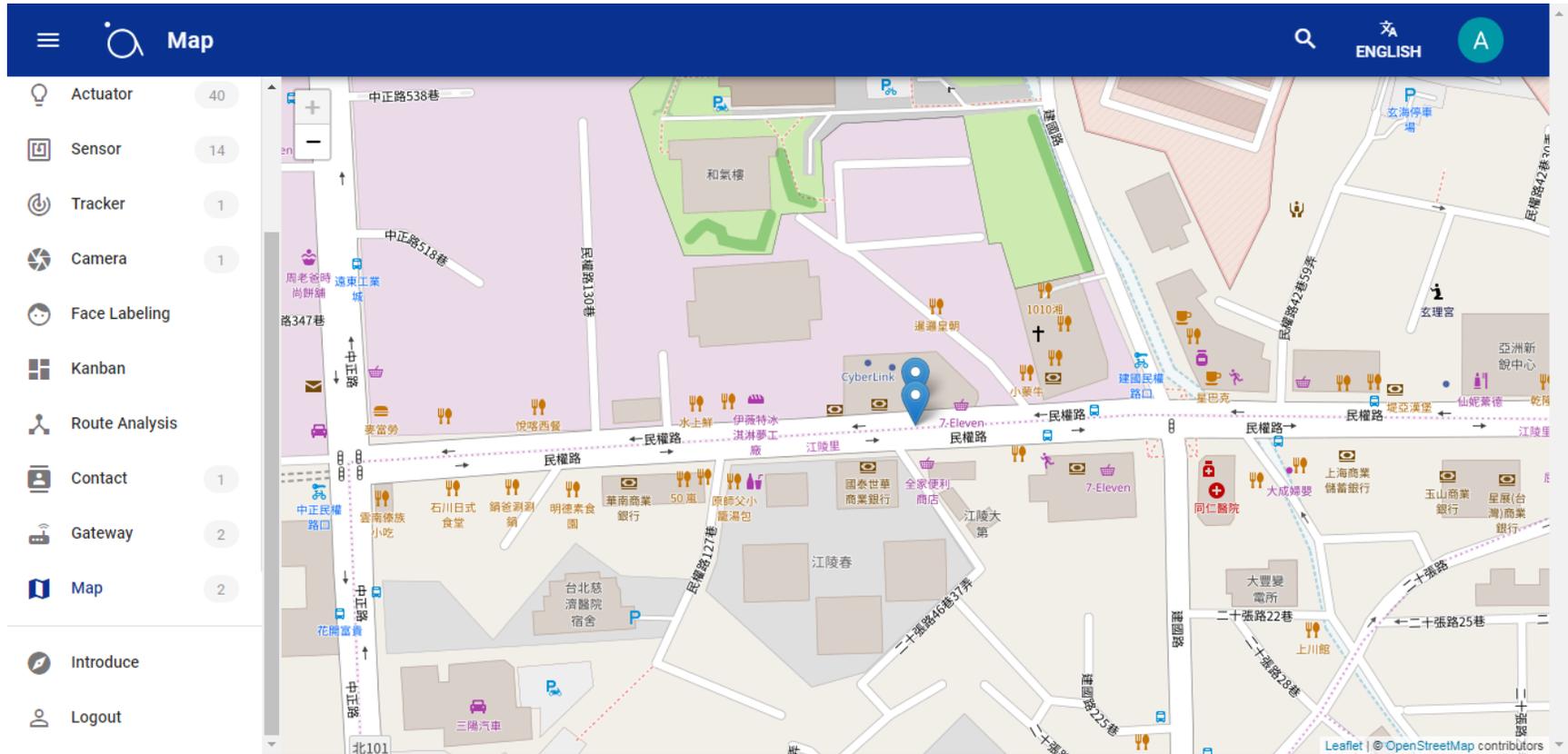send to the Contact email address.

How to add a Contact:
1 Click on the "+" icon in the bottom right corner to add a contact.
2 Enter the Contacts Name.
3 Enter a valid email address.
4 Enter a Phone number (this function is still under development and does not work at the moment).
5 Press Save to Save the contact. To edit Click on the contact.
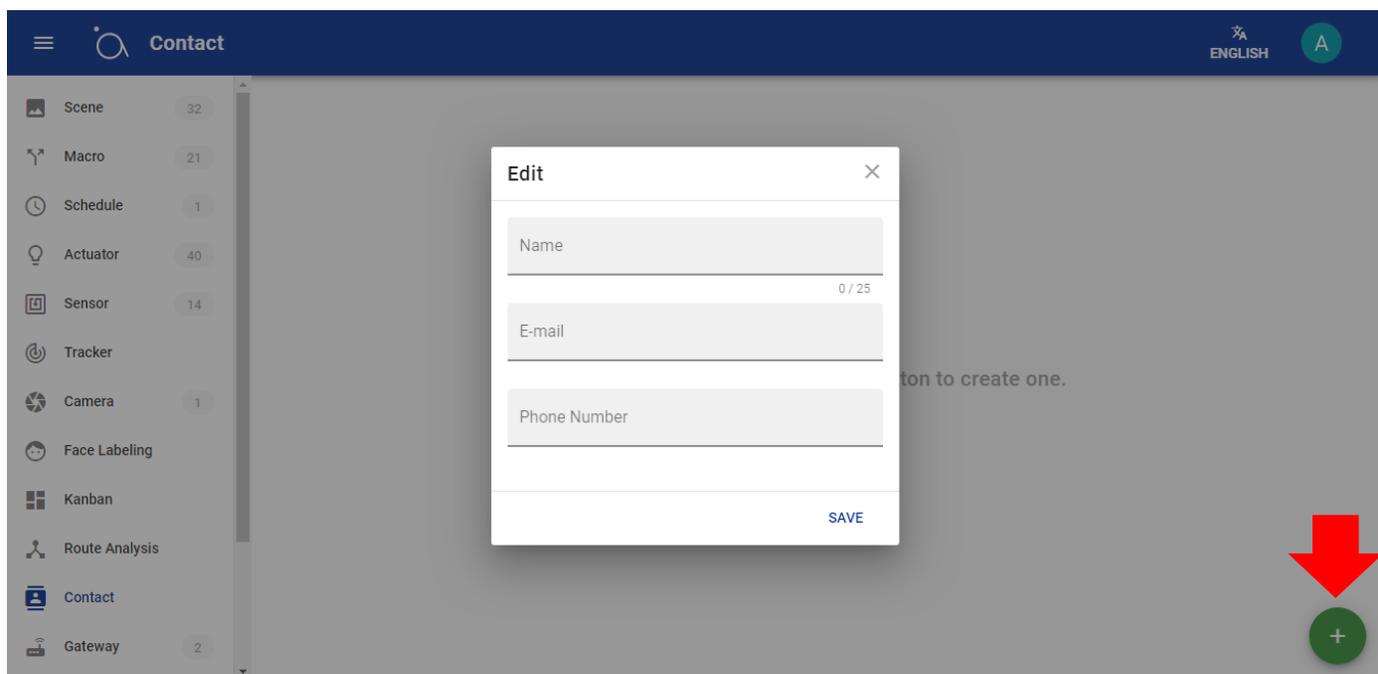
18 Map.

Map will show all connected Gateways to the AirLive Cloud which have a GPS location setup. When the GPS location was not put into the Gateway it will not be shown on the map.

End