



Control Programming LLC

Release Notes

HVAC – Sensibo – Sky/Air - Cloud
version 2.00.006

Extension

This release note is for the Sensibo HVAC control extension. The product description can be found at <https://sensibo.com/>.

Notes and Recommendations

Drivers->HVAC->Sensibo->Air or Sky

System Requirements and Dependencies

Crestron Home v3.005.0054

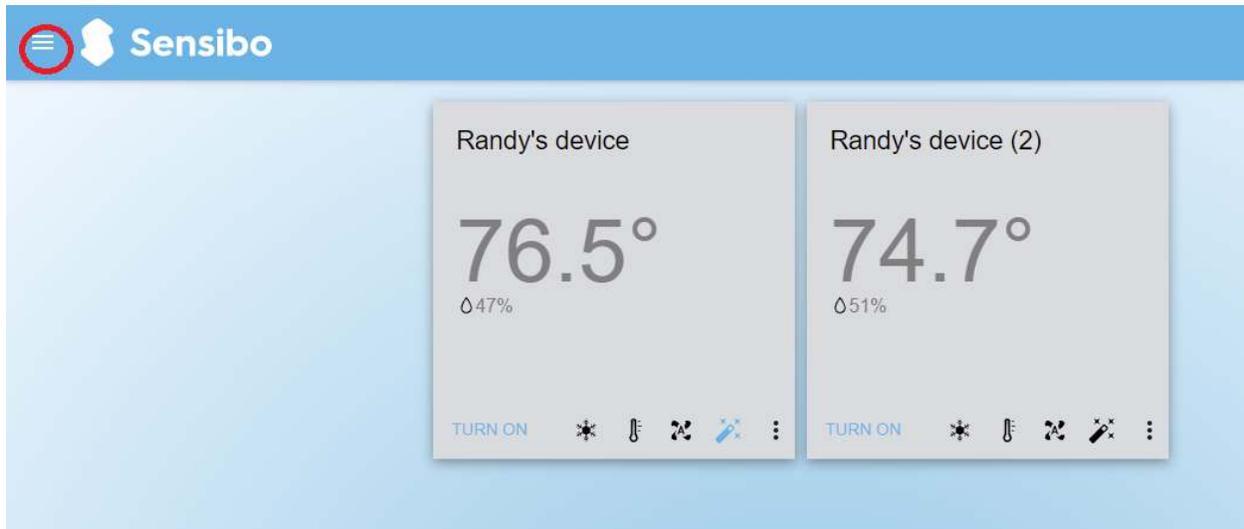
Operation Installation/Upgrade Instructions

The first thing that needs to be complete is to create an account at <https://home.sensibo.com>.

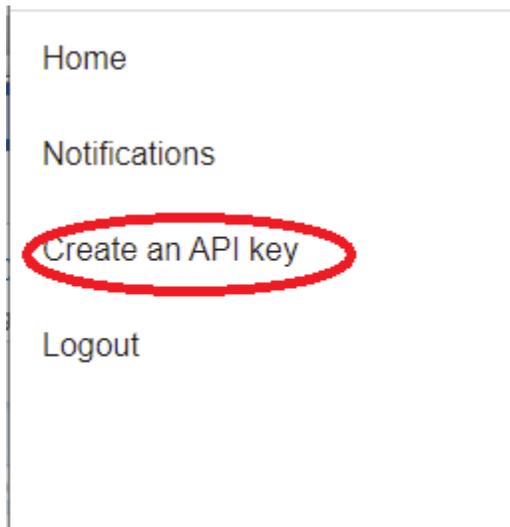


Once an account is created, using the provided mobile app you will need to associate the Sensibo device with the previously create account. Follow the mobile app instructions to accomplish this.

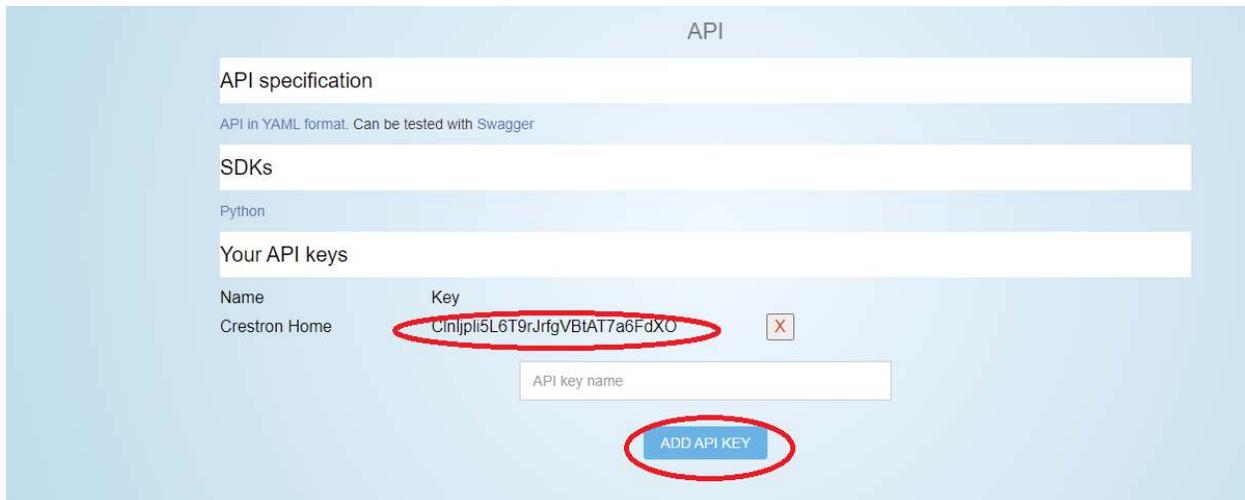
An API key will need to be created as follows at the website



Click on the “hamburger” symbol outline in red.

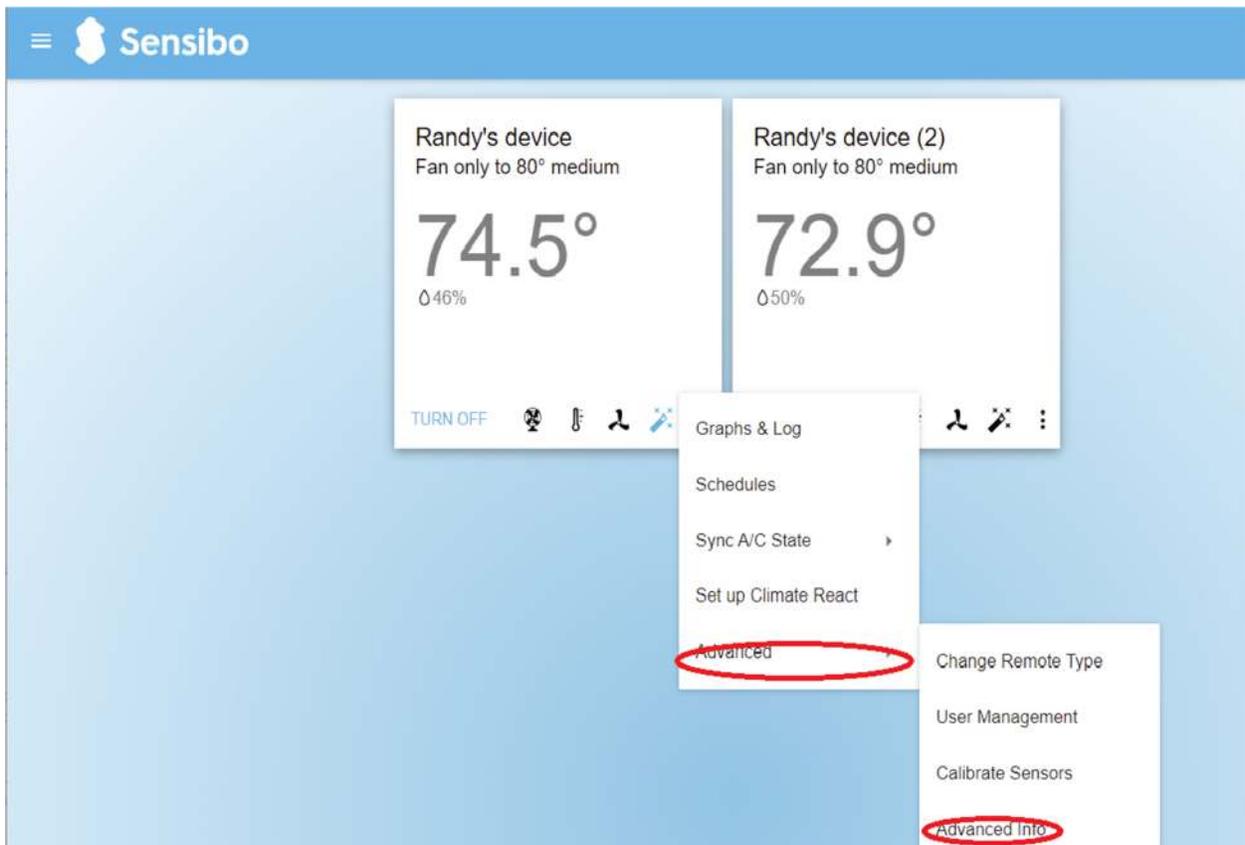


And then click on “Create an API key” when the menu is displayed.

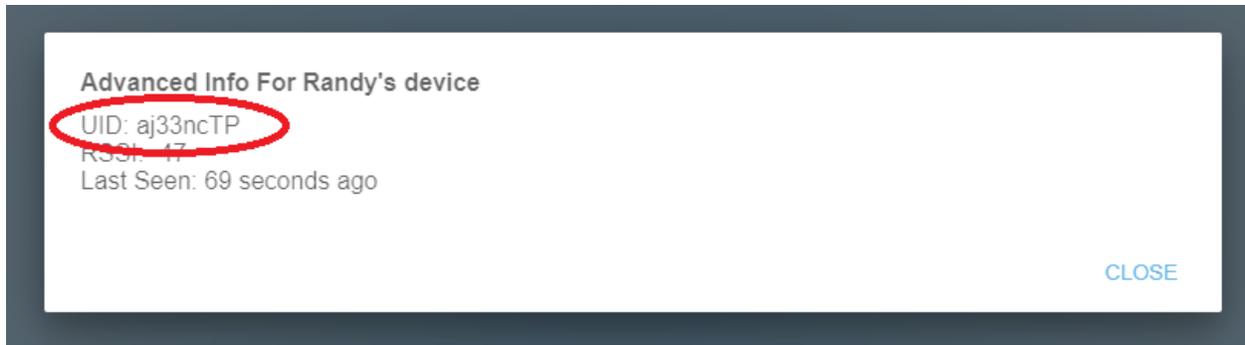


If an API key has already been created you will need that string when installing the extension. Otherwise click the ADD API KEY to create a new API key.

Additionally you will need the device ID key prior to installing the extension. This can be found by following



Click on the device's three vertical dots, in the lower right hand corner, then click advance and advance info.



The UID, circled in red above, is device's unique ID.

Installer Options

<p>Obtain License Key Clicking the link, on the right, takes you to CPLLC.net where license keys can be obtained. A purchased license key is required to be entered...</p>	CPLLC.net
<p>Enter License Key A purchased license key must be obtained by clicking the above link and entered here. The extension will function 100% without a license key...</p>	<input type="text"/>
<p>CPLLC License Manager This extension requires the CPLLC License Manager to also be installed...</p>	
<p>Show in Home Screen Checked to show on Home screen</p>	<input type="checkbox"/>
<p>Show on Room Screen Checked to show in Room screen</p>	<input checked="" type="checkbox"/>
<p>Starting PIN Code Enter initial numeric PIN code. Leave blank to disable PIN.</p>	<input type="text"/>
<p>Poll Seconds Number of seconds between each poll. Polling will be turned off if set to zero. The lower the number to more resources the extension w...</p>	<input type="text" value="0"/>
<p>Sensibo API Authorization Key The Sensibo API authorization key. This is obtained from the Sensibo account webpage. Also described in the release notes</p>	<input type="text"/>
<p>Min Temperature Minimum temperature which if the current temperature goes below will trigger the Minimum event. Leave set to zero if you do not wish...</p>	<input type="text" value="50"/>
<p>Max Temperature Maximum temperature which if the current temperature goes above will trigger the Maximum event. Leave set to zero if you do not wish...</p>	<input type="text" value="80"/>

Obtain License Key - clicking on the CPLLC.net will bring up the webpage to obtain a license key.

License Key – this extension requires a paid license key which can be obtained by clicking the above link. For testing purposes, this extension will function 100% for 2 hours. Rebooting will reset the two hours.

Starting PIN Code – Starting PIN numeric code. Leave blank if PIN not required.

Poll Seconds – Number of seconds between each device poll. If zero polling will be turned off.

Check to make Clickable – Checked if you to toggle the extension on/off from the room tile.

Show in Home Screen – if checked, the extension will show on the Home page.

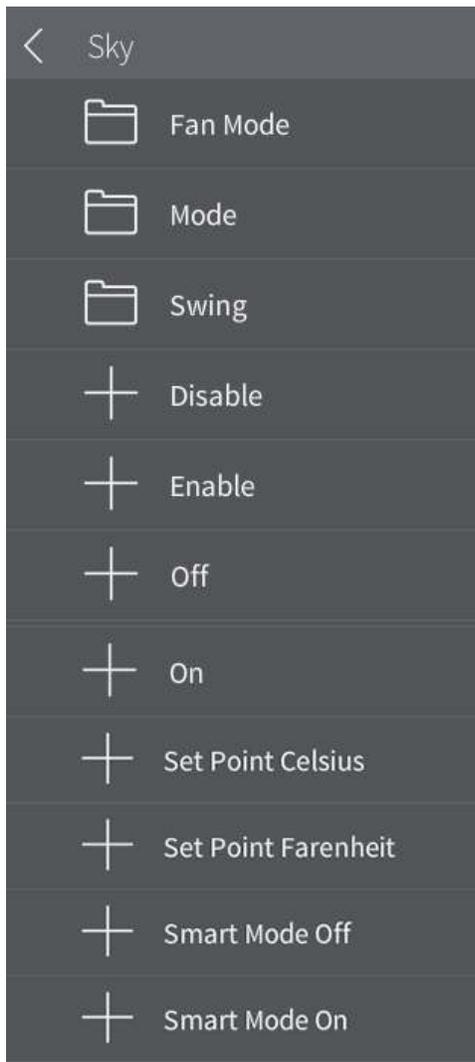
Show on Room Screen – if checked, the extension will show on the Room page.

Sensibo API Authorization Key – described above.

Sensibo Device ID – Described above

Min Temperature – if the current temperature goes below the specified temperature the minimum temperature event will be triggered. Leave it set to 0 if not being used.

Max Temperature – If the current temperature goes above the specified temperature the maximum temperature event will be triggered. Leave it set to 0 if not being used.



Actions

Fan Mode – Select specific fan mode from a list.

Mode – Select a specific operational mode from a list.

Swing – Select a specific swing mode from a list.

Disable – Disable the extension.

Enabled – Enable the extension.

Off – turn device off.

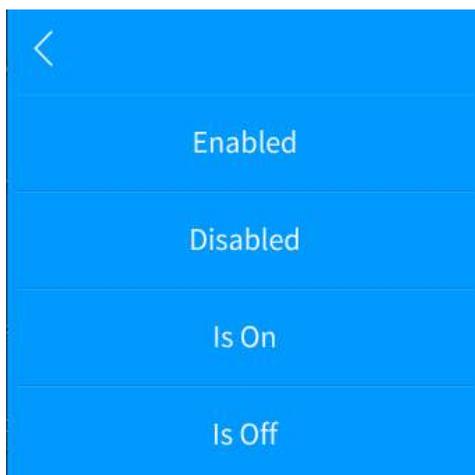
On – turn device on.

Smart Mode Off – turn smart mode off.

Smart Mode On – turn smart mode on.

Set Point Celsius – enter a specific number to set target Celsius temperature between the values of 16 and 31.

Set Point Fahrenheit – enter a specific number to set target Fahrenheit temperature between the values of 61 and 86.



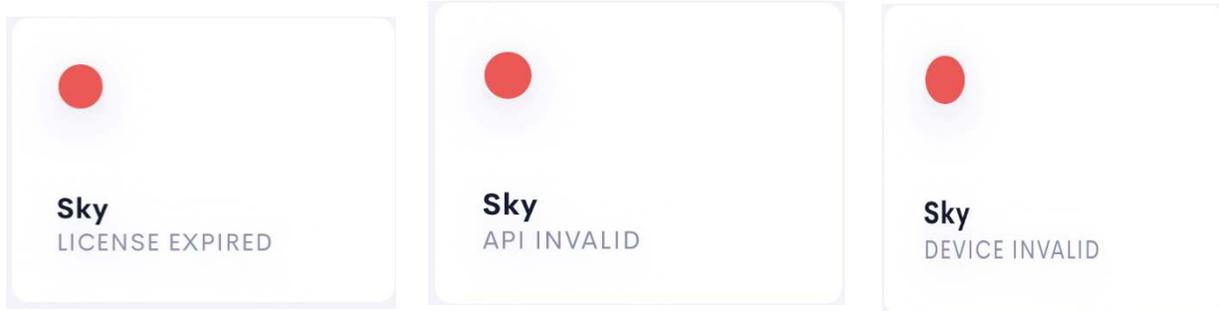
Events

Enabled – device has been enabled.

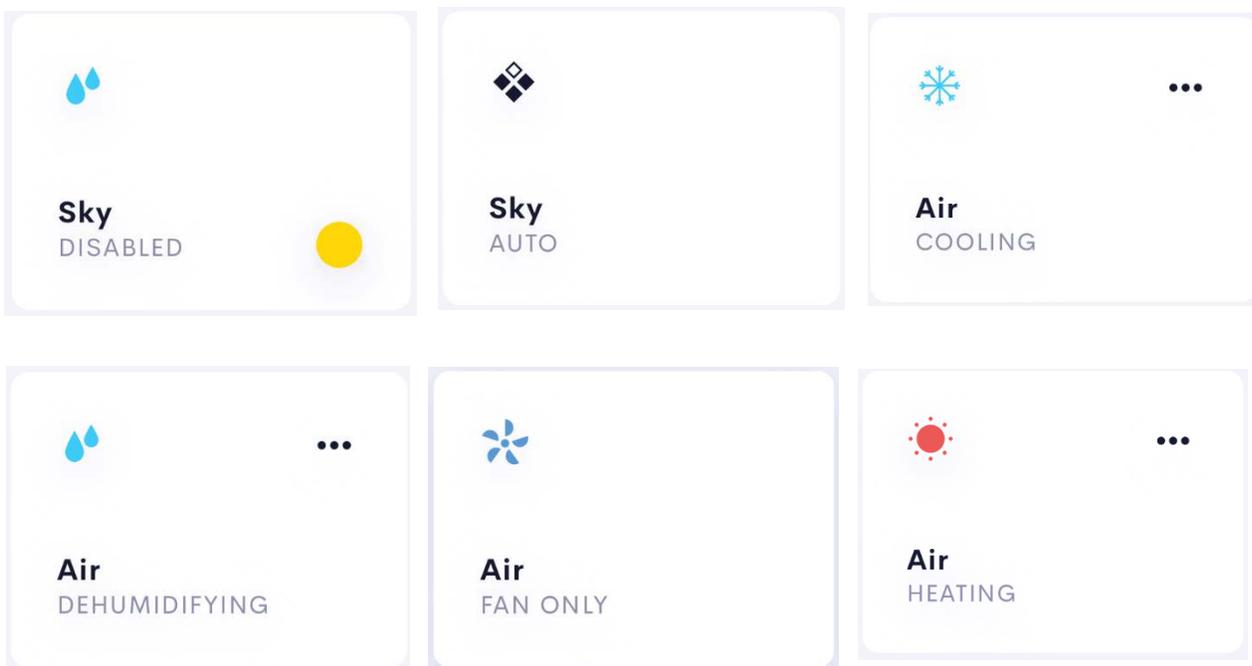
Disabled – device has been disabled.

Is On – device has been turned on.

Is Off – device has been turned off.

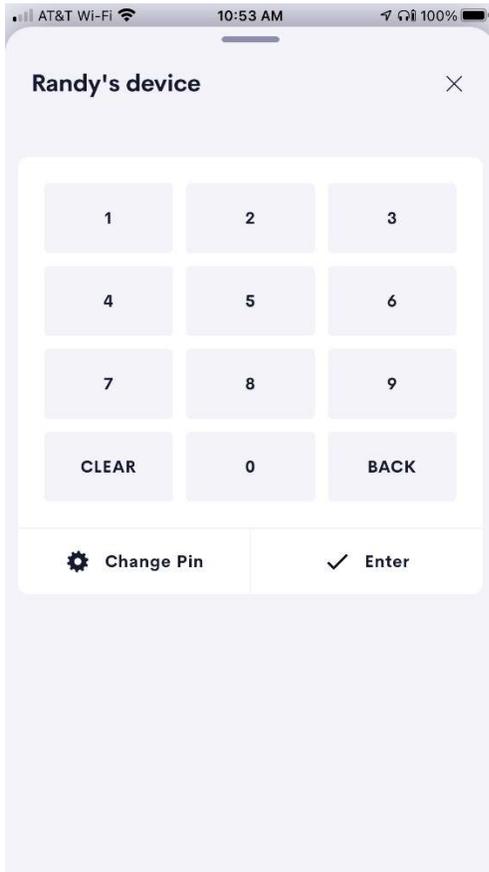


End-User Experience



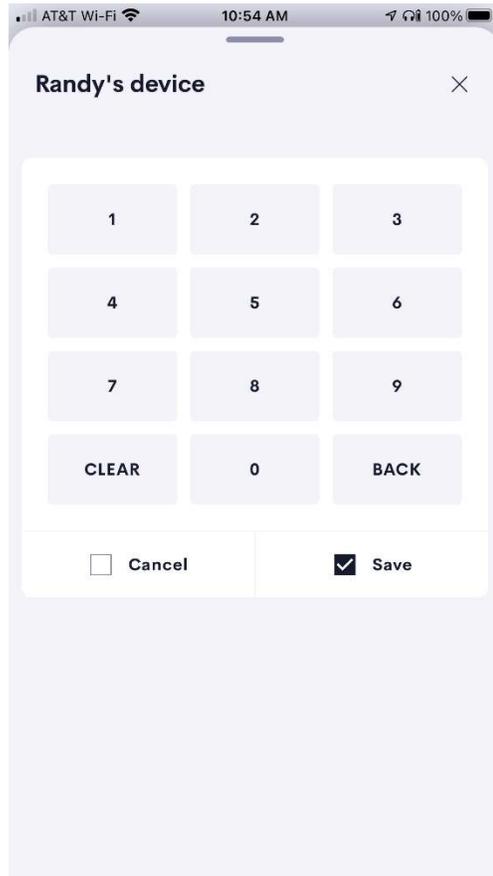
The above 3 tiles show error status feedback. From left to right shows license expired, invalid API key, or invalid Device id.

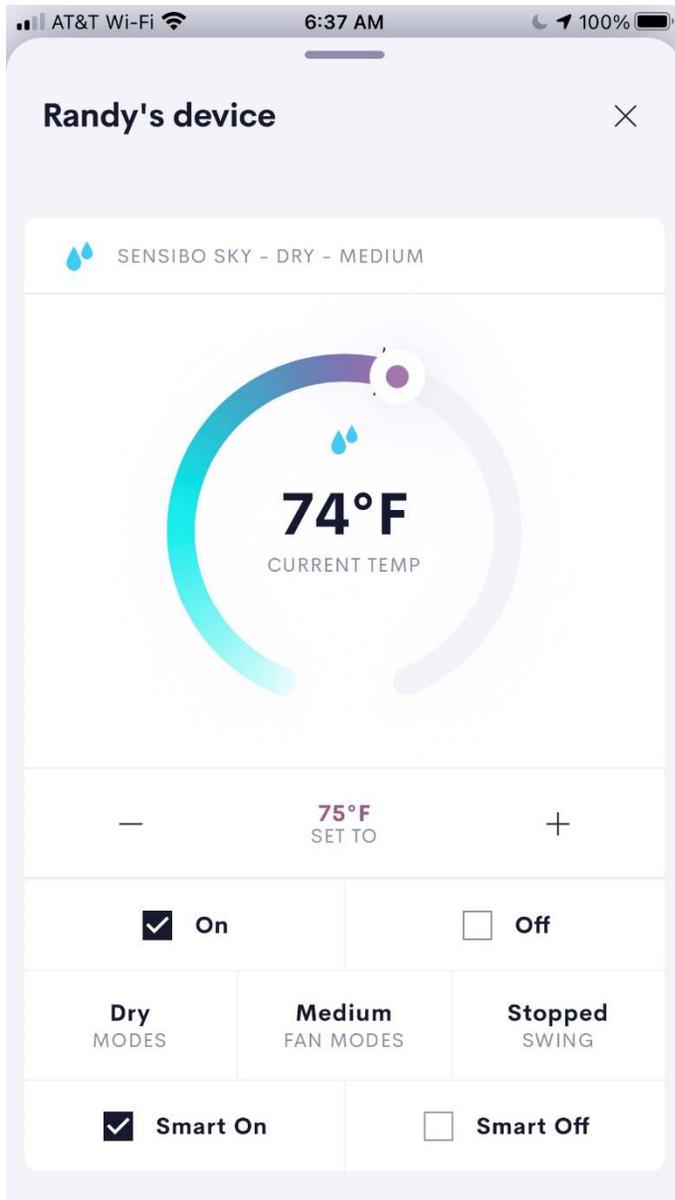
The room tile will show the above status from left to right, top to bottom: device has been disabled, device is in auto mode, cooling mode, dehumidifying mode, fan only mode, or heating mode. If the tile is clickable the



three dots in the upper right-hand corner will be what is touched to go into the controls.

After pressing the tile control will be transfer to the PIN entry page or the Controls page depending on if the PIN is active.





If an initial pin has been specified in the installer options, the left image will be displayed prior to the controls being displayed. As the pin is entered in, it will be displayed in the upper left hand just above the pin pad. There are two options once the pin has been entered. Pressing ENTER results in the pin being checked and if correct the control will be displayed. If CHANGE PIN is pressed, the image on the right will be displayed. A different pin can be entered and either CANCEL or SAVE is pressed. In either case the controls page will be displayed.

Available controls are:

Device On

Device Off

Operating Modes Selection

Fan Modes Selection

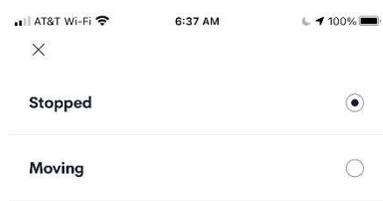
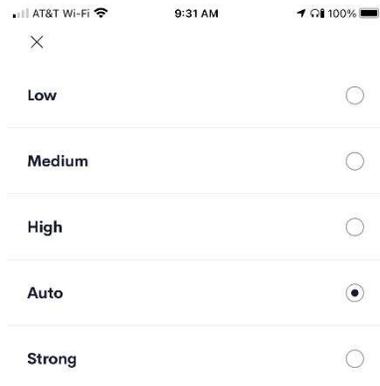
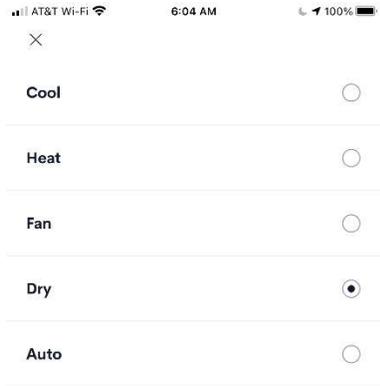
Swing Modes Selection

Smart Device On

Smart Device Off

+/- - to adjust the temperature setpoint.

Circular slider – you can touch to move the temperature setpoint.



The above three images are the available choices for operating mode, fan mode, and swing mode.

Limitations/Known Issues

- No known limitations or issues

Supported Features

- Not applicable

Test Environment

- CP4-R and MC4-R
- Crestron Home v3.005.0054

Contact Information

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- License Key: <https://cpllc.net/?product=sensibo>

Version History

2023-04-04 2.00.006

- Add required CCD SDK JSON fields
- Added the ability to trigger on the current temperature going high or low

2022-08-17 2.00.002

- Bug fix

2022-07-07 2.00.001

- Converted to License Manager

2021-10-07 1.01.005

- Fixed issue with turning client react on/off.

2021-09-07 1.01.004

- Fixed sync bug when changes were made from the mobile app and/or webpage.
- Eliminated a memory leak that caused the system to slow down over time

2021-07-22 1.01.002

- Turned on polling

2021-06-23 1.01.001

- Initial Release

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