Control Programming LLC
Release Notes

HVAC – Sensibo – Platform - Cloud
version 4.00.003

Extension

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

This is a platform-based extension which will determine and generate paired extensions for each Sensibo device associated with the specific cloud account.

After the platform extension has been installed there will be a new folder under the Managed Devices folder which contains the individual thermostats. These can then be placed in their corresponding room.

Notes and Recommendations

Drivers->HVAC->Sensibo->Cloud

System Requirements and Dependencies

Crestron me v4.004.Operation Installation/Upgrade Instructions

Operation Installation/Upgrade Instructions

The first thing that needs to be complete is to create an account at https://home.sensibo.com
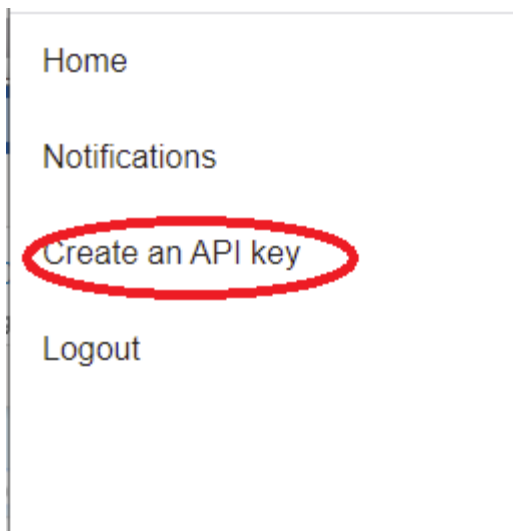
Once an account is created, using the provided mobile app you will need to associate the Sensibo device with the previously create account. Follow the mobile app instructions to accomplish this.
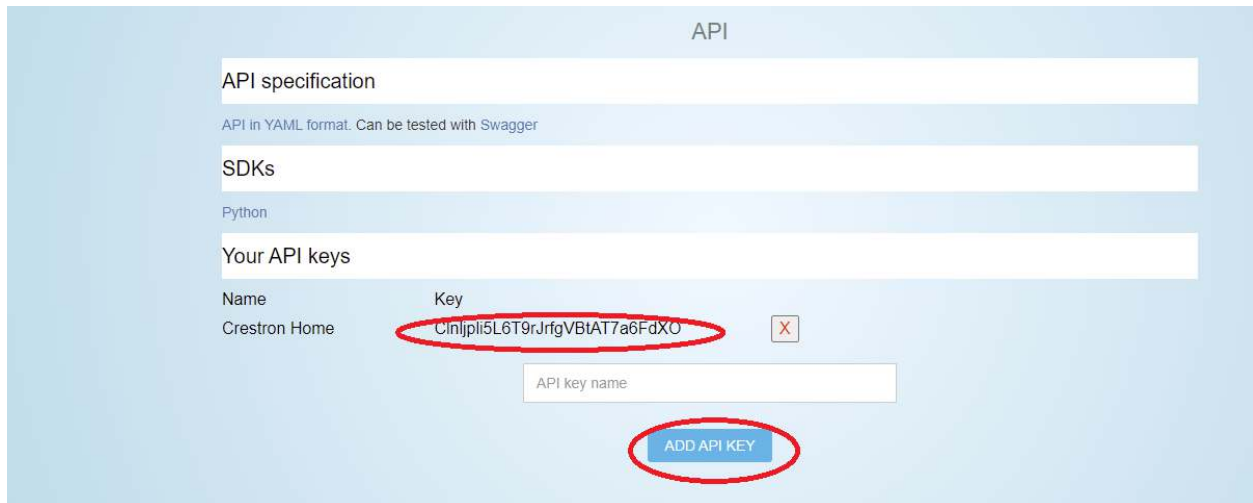
An API key will need to be created as follows at the website

Click on the "hamburger" symbol outline in red
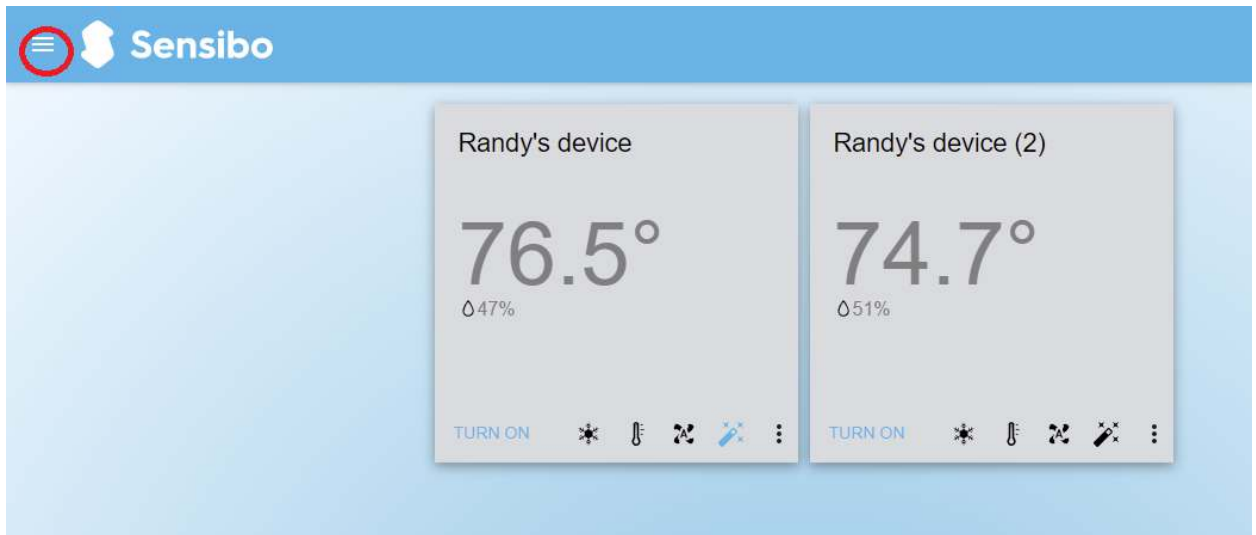
And then click on "Create an API key" when the menu is displayed.

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.

Platform Installer Options

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.

Sensibo API Authorization Key – described above.

Paired Extension Installer Options

**Show on Home Screen –** checked to show on home screen,

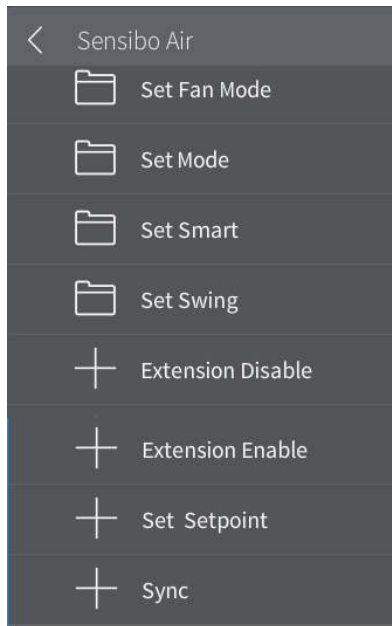**Show on Room Screen –** checked to show in room screen

Starting Pin Code – enter a numeric pin if a pin code is needed. Leave blank to eliminate the Pin code.

Seconds Pin Active – number of seconds before the Pin code will need to be reentered

In the event an invalid Sensibo API token has been entered the following error message will be displayed.
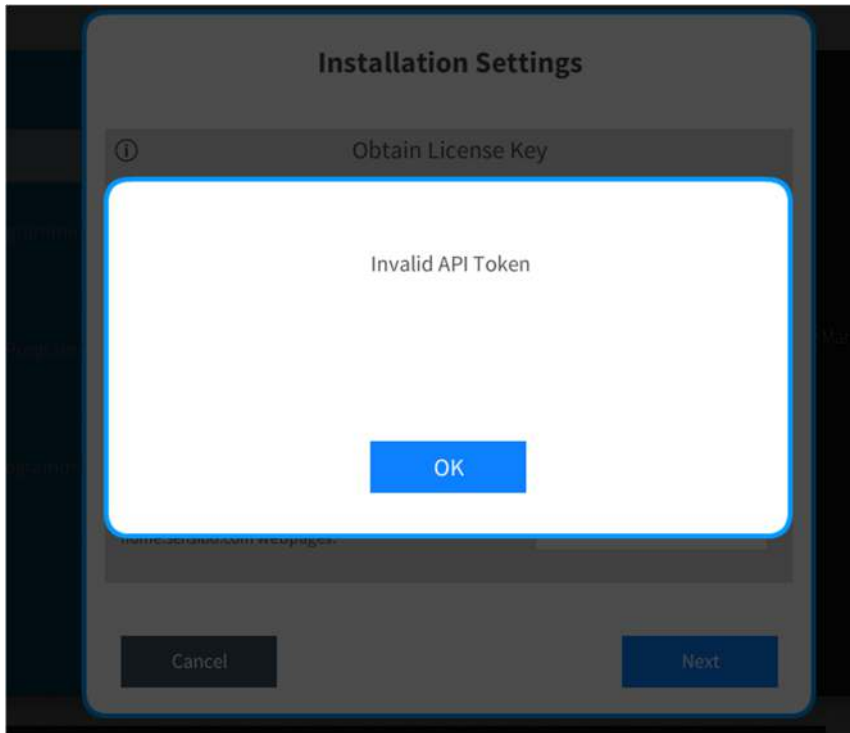
Paired Actions

Set Fan Mode – Select specific fan mode from a list.

Set Mode – Select a specific operational mode from a list. Off is an option to turn the thermostat off.

Set Swing – Select a specific swing mode from a list.

Set Smart – select a specific smart mode

Extension Disable – Disable the extension.

Extension Enable – Enable the extension.

Set Setpoint – Allows the setting of the target set point for heating/cooling and/or auto modes

Sync – trigger to resync the extension with the actual hardware.

Paired Device Events
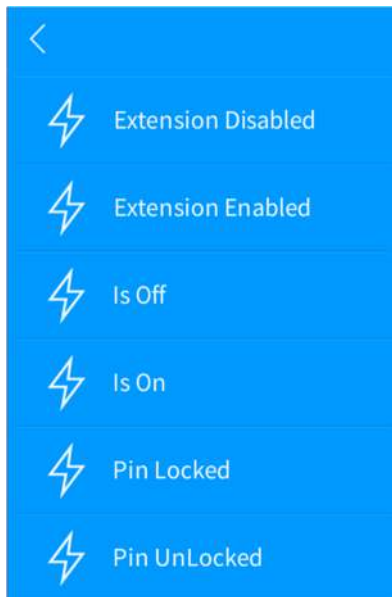
Extension Enabled – device has been enabled.

Extension Disabled – device has been disabled.

Is On – device has been turned on.

Is Off – device has been turned off.

Pin Locked – if Pin enabled, pin is now locked

Pin UnLocked – if Pin enabled, pin is now unlocked

End-User Experience

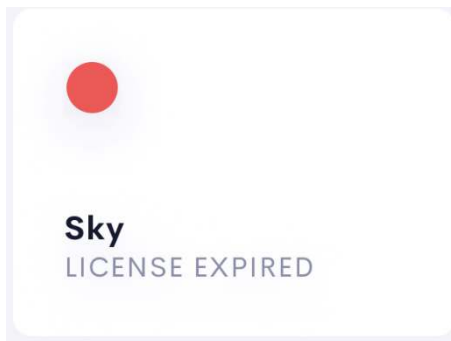The error message License Expired will be shown after two hours have surpassed and a valid license key has not be entered.
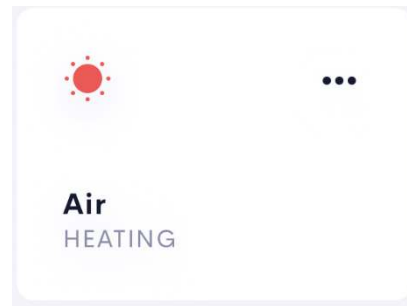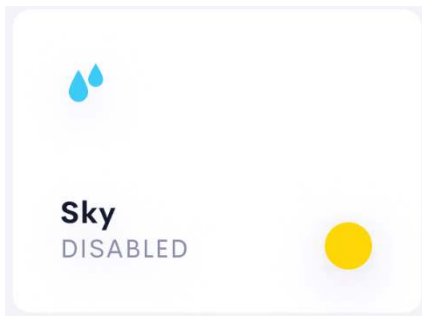
The room tile will show the above status from left to right, top to bottom: device has been disabled, device is in auto mode, cooling mode, dehumidifying mode, fan only mode, or heating mode. If the tile is clickable the three dots in the upper right-hand corner will be what is touched to go into the controls.

After pressing, the tile control will be transferred to the PIN entry page or the Controls page depending on if the PIN is active.
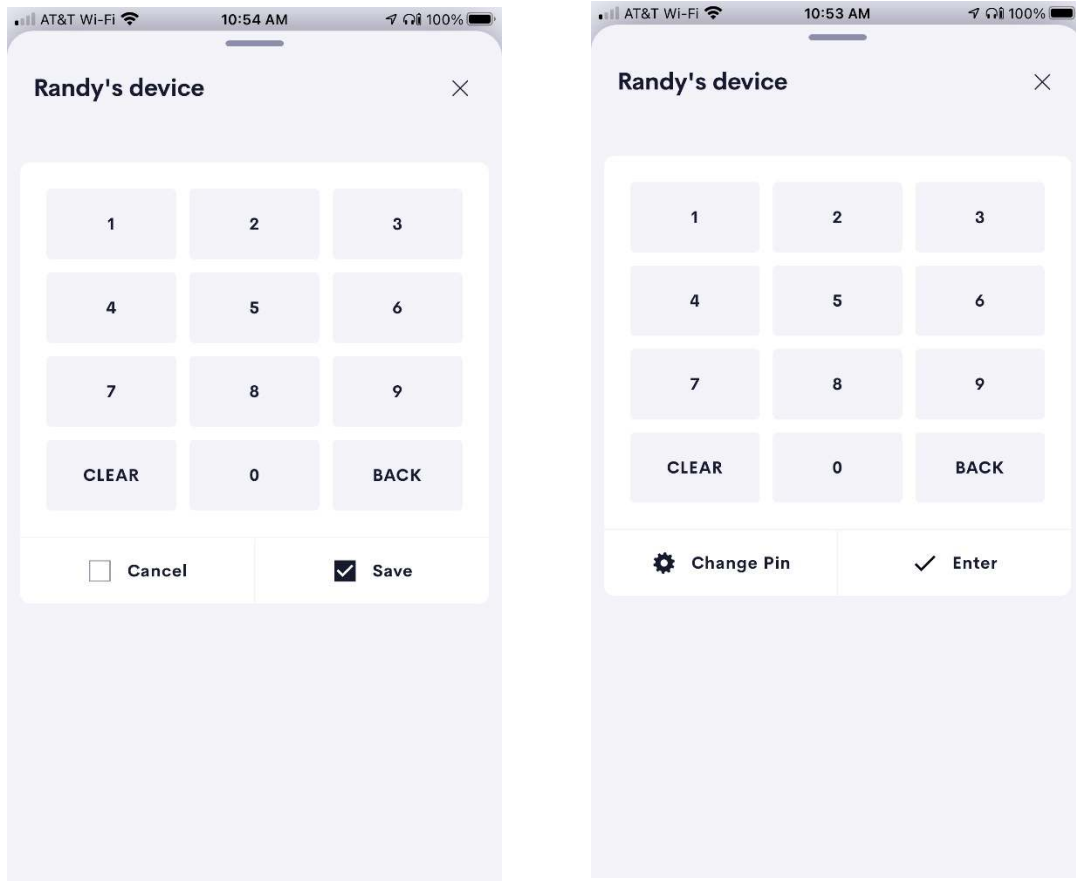
If an initial pin has been specified in the installer options, the left image will be displayed prior to the controls being displayed. As the pin is entered in, it will be displayed in the upper left hand just above the pin pad. Ther are two options once the pin has been entered. Pressing ENTER results 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:
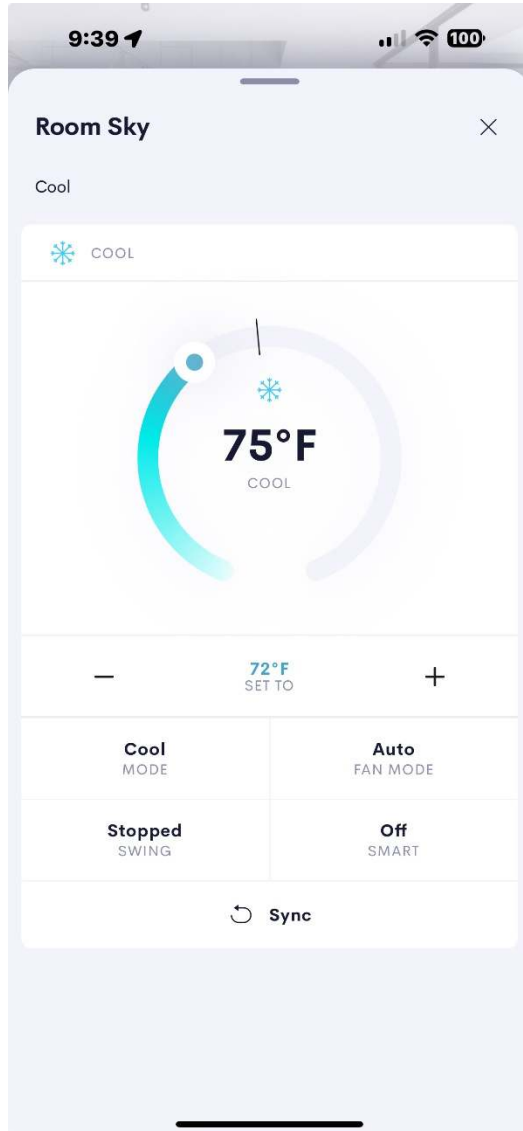
Operating Modes Selection – this list will be dependent on the selected remove type, It will always include "Off" which is how the thermostat is turned off. Any other selection will turn the thermostat on.

The selected remote type can be changed in the mobile app. You will need to reboot the system to get the new remote type initialized properly.

Fan Modes Selection – dependent on the selected remote type.

Swing Modes Selection – depended on selected remote type.

Smart – there are two options on or off.

Sync – tapping this button forces the thermostat to be re synced to the cloud status

Limitations/Known Issues

- No know limitations or issues

Supported Features

- Not applicable

Test Environment

- CP4-R and MC4-R
- Crestron Home v4.004.0054

Contact Information

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

Version History

2022-07-07   4.00.003

- Upgraded to the V2 SDK and converted to platform extension. This was done to minimize the chance for "to many connections" error on the Sensibo cloud.

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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