TSP-3

Touchscreen Keypad

User Manual

March, 2021

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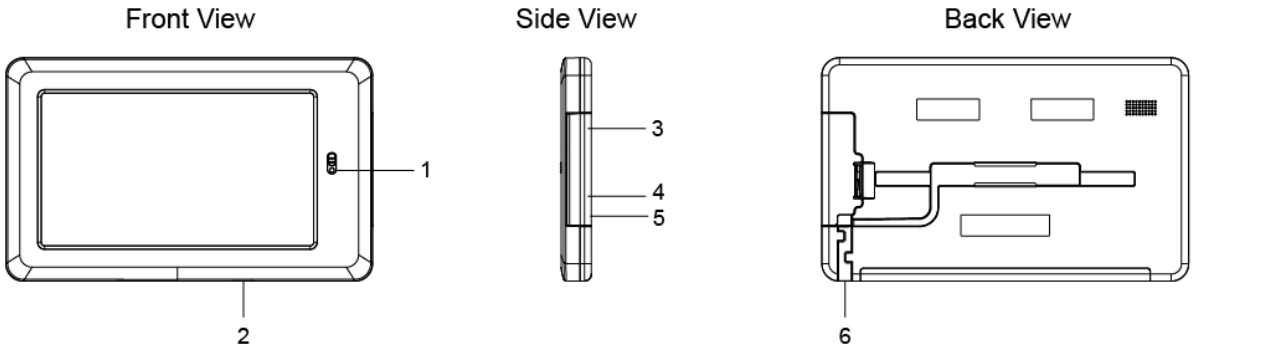
Introduction

The Touchscreen Keypad provides easy-to-use, on-premises security system control for enhanced flexibility and convenience.

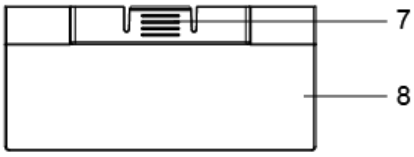
When connected to the system Control Panel via Wi-Fi network, the Touchscreen Keypad enables quick access to the Control Panel, allowing users to easily arm, disarm, or home arm their security system and control home devices.

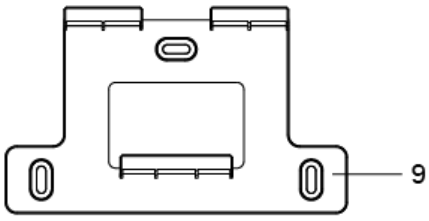
1. System Overview

1.1. Parts Identification



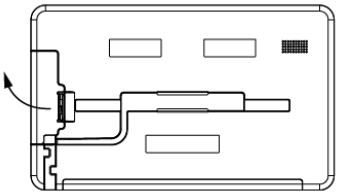
1. **Camera**
   Slide up or down the switch to reveal or hide the camera.
2. **Power Button**
3. **Micro USB Port**
4. **Micro SD Card Slot**
5. **Earphone Jack**
6. **Cable Managing Space**
7. **Notch**
8. **Desktop Deployment Bracket**
9. **Wall Mounting Bracket**





1.2. Power Supply

The Touchscreen Keypad is powered by rechargeable battery. To charge the battery, press the latch to open the compartment and plug in a 5V/1.5A adapter to the Micro USB port of the device and connect the other end to mains power.



2. Getting Started

2.1. Equipment required

The following equipment is required to use your Touchscreen Keypad:

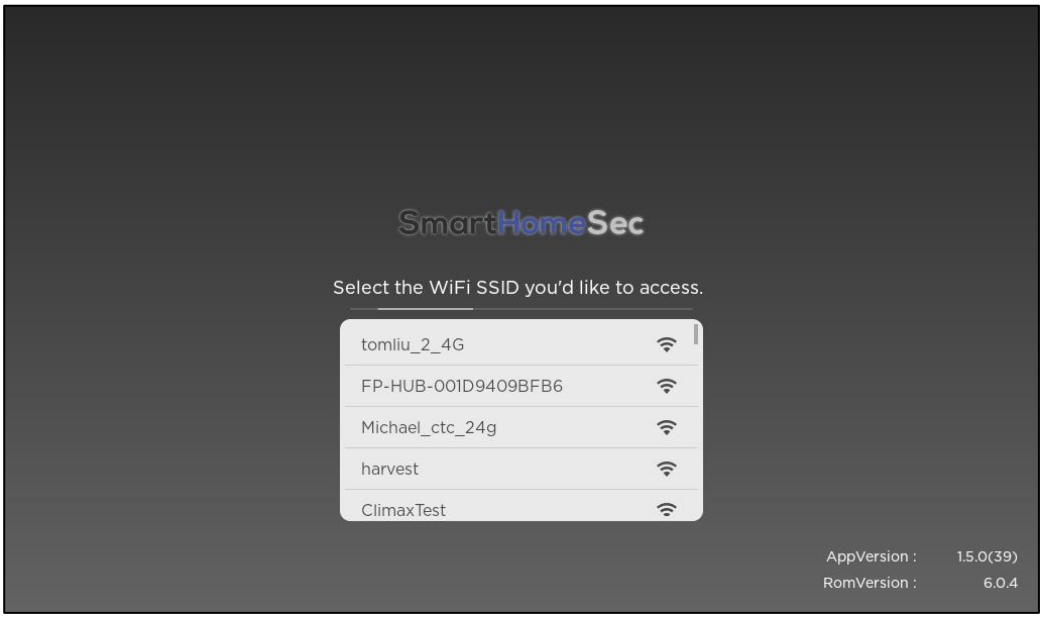
- A router supporting 2.4 GHz Wi-Fi network. The hub should be connected to this router with access to internet.

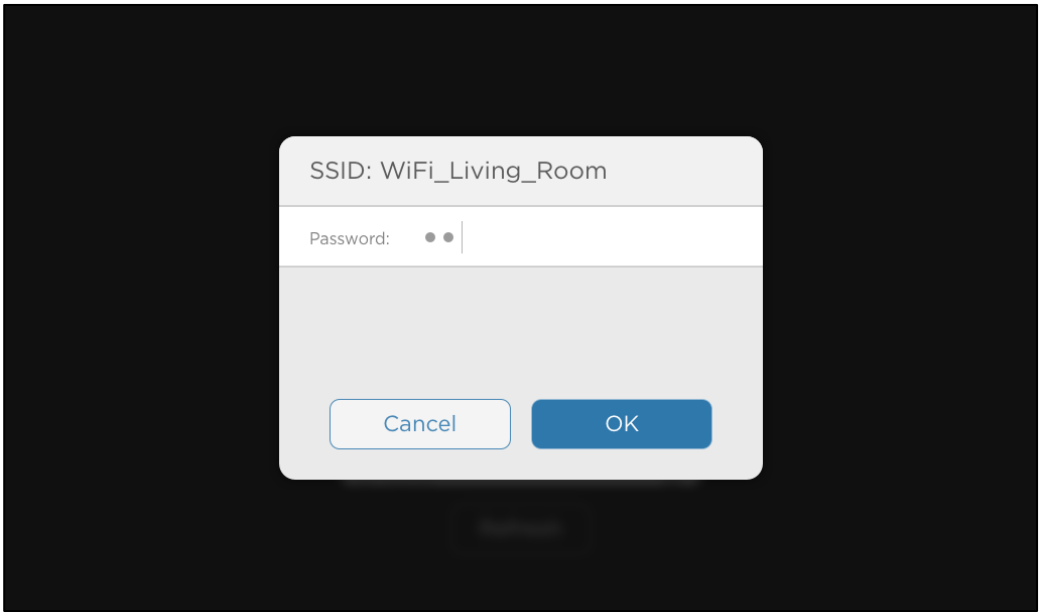
2.2. Setup

To set up your Touchscreen Keypad for accessing hub:

Step 1. Power on the Touchscreen Keypad.

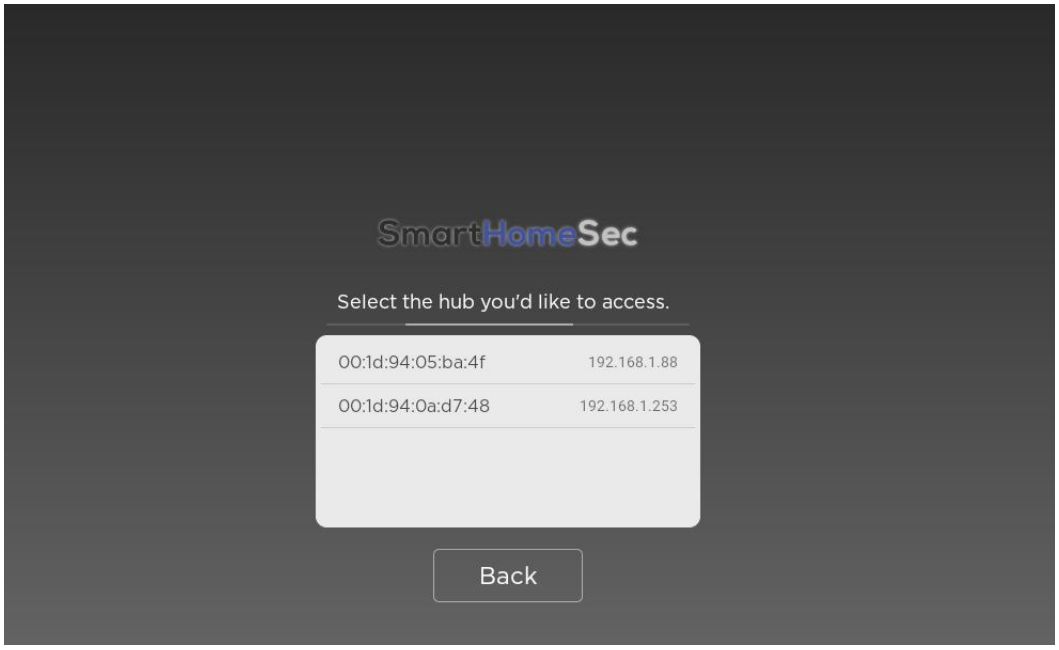
Step 2. Select the WiFi SSID of the router that hub is connected to. Enter the WiFi network password if required, and click “OK”.





Step 3. Put your Hub into learning mode (refer to Hub's user manual for details). Please note that Learning process is only required for first time setup.

Step 4. Your Touchscreen Keypad will automatically search for available hubs. Select the hub you'd like to access to.



<NOTE>

- ☞ The Touchscreen Keypad is compatible with Climax Video Door Phone and IP Camera. Up to 6 IP Cameras and VDPs are supported. Ensure to update device and panel firmware to the latest version for compatibility.
- ☞ Ensure your Control Panel, VDP, and Touchscreen Keypad are in the same Local Area Network (LAN). Moreover, both of the VDP and Touchscreen Keypad should be added into the same Control Panel, or the devices will not be identified.

Step 5. You will enter the dashboard that displays the current date and time. Now you can access and control your Hub and smart devices directly on your Touchscreen Keypad.

2.3. Hardware Installation

2.3.1 Installation Instructions

There are two mounting options available for installing the Touchscreen Keypad. Users can choose to install their device anywhere in their home or office to suit their needs. Moreover, a wall mounting bracket is also provided to enhance installation flexibility for uses to install the Touchscreen Keypad at a particular place.

Desktop Deployment

A desktop deployment bracket is provided for users to place their Touchscreen Keypad at a desired place. Please follow steps below:

Step 1. Attach the desktop deployment bracket to the rear side of the Touchscreen Keypad in the direction of the arrows as shown below until you hear a “click” sound. If you wish to remove the bracket, simply press the notches at both sides and gently lift upward.

Step 2. Place the Touchscreen Keypad at desired location.

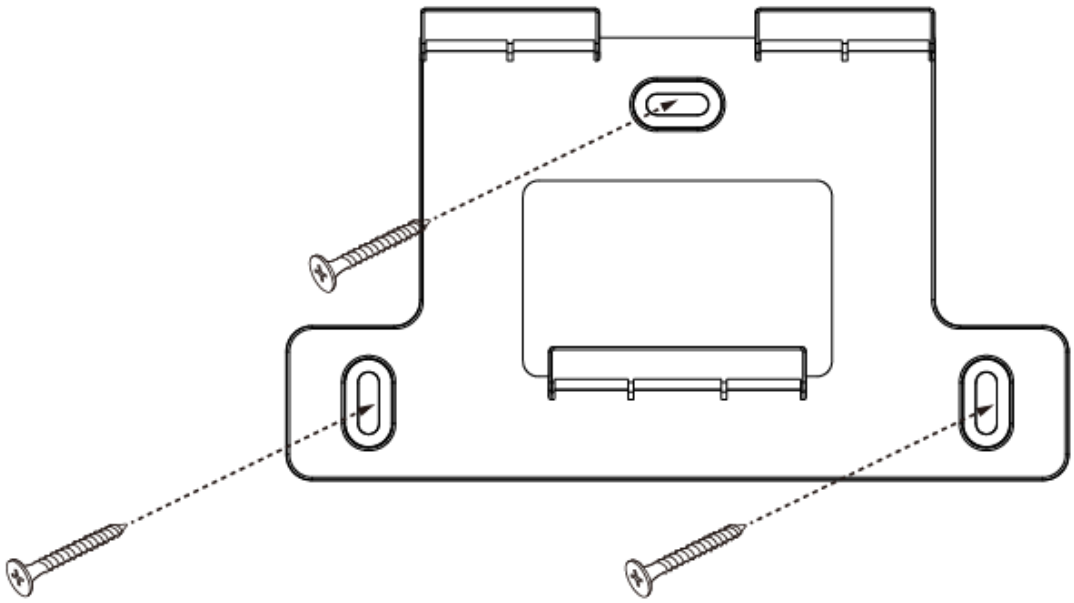
Wall Mounting

A wall mounting bracket is also included for users to place their Touchscreen Keypad at a fixed place when not in use. Please follow steps below:

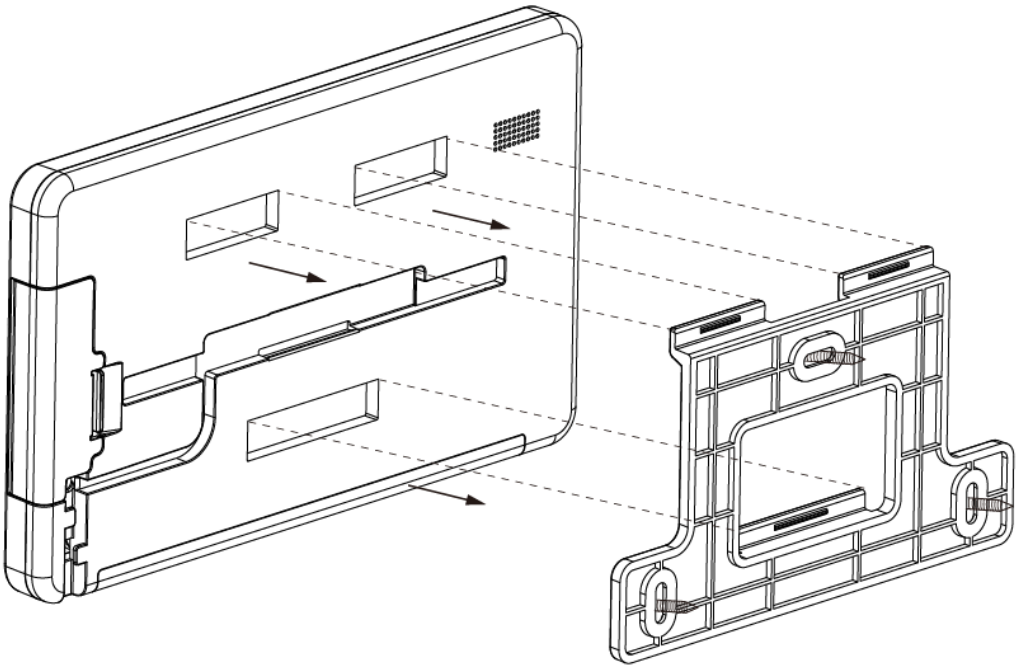
Step 1. Use the three mounting holes on the bracket as template to drill holes.

Step 2. Insert the wall plugs if fixing into plaster or brick.

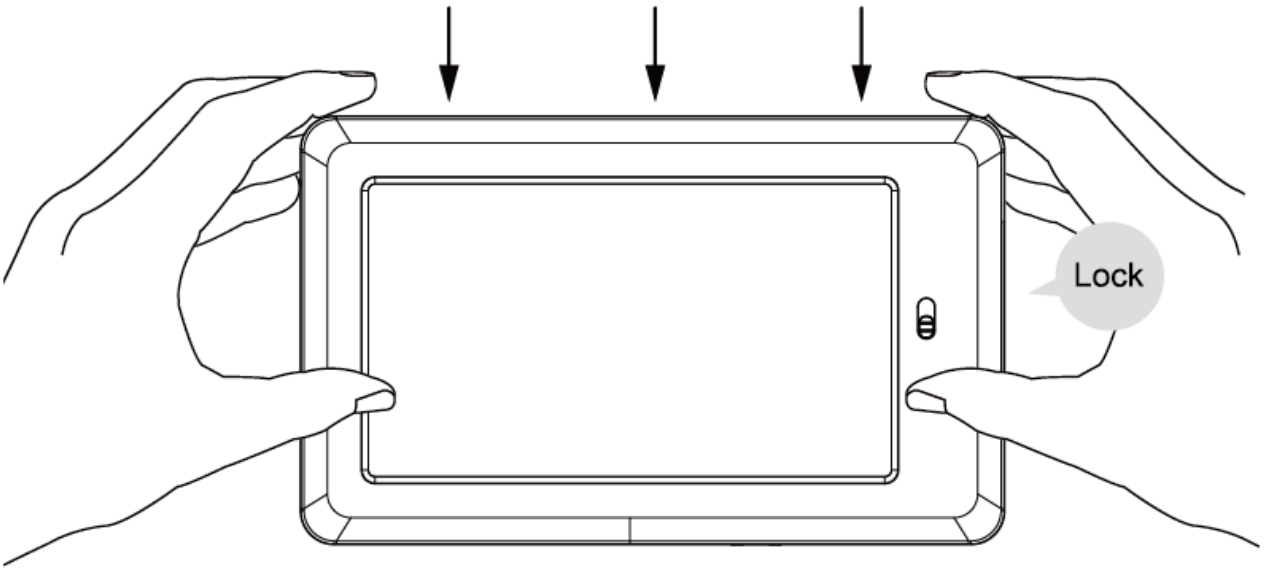
Step 3. Screw the bracket into the wall with the 3 screws provided.



Step 4. Attach the Touchscreen Keypad onto the bracket.

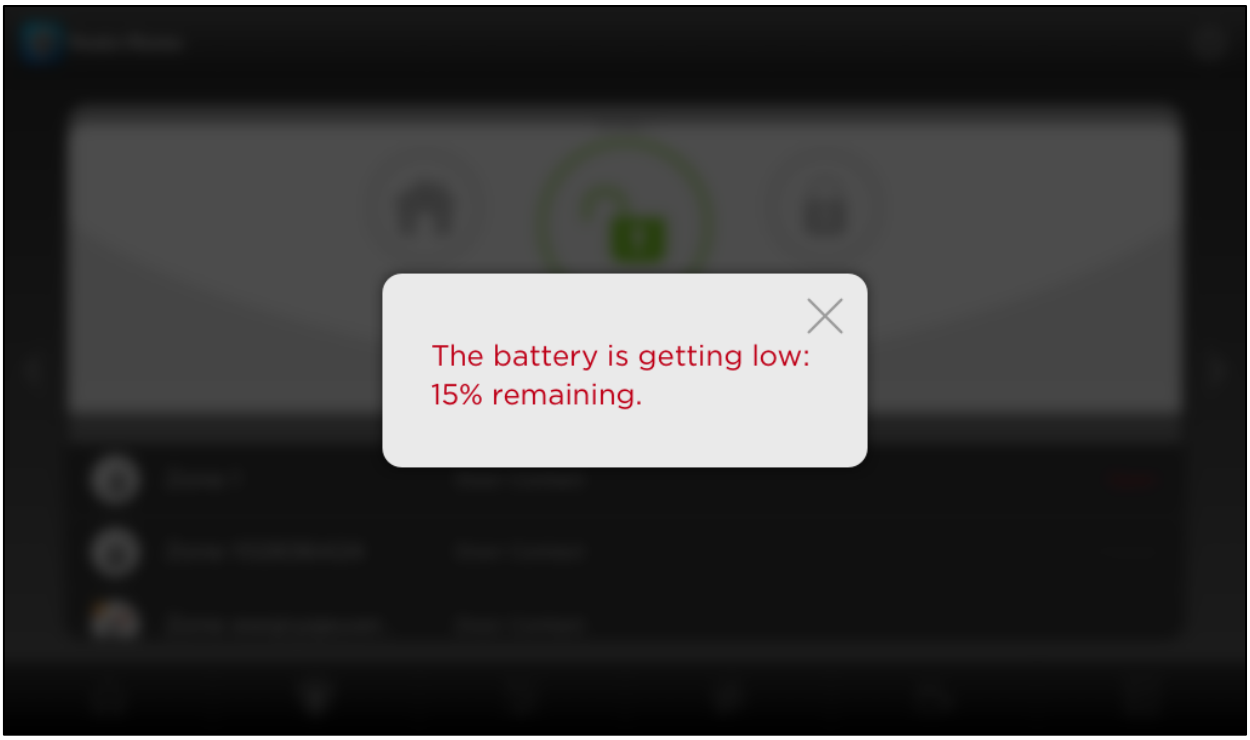


Step 5. Hold the Touchscreen Keypad and gently push downwards until you hear a “click” sound.



2.4. Low Battery Notification

When battery is running low, a low battery notification will be displayed to inform you to recharge the battery. Please refer to Power Supply to recharge the Touchscreen Keypad.



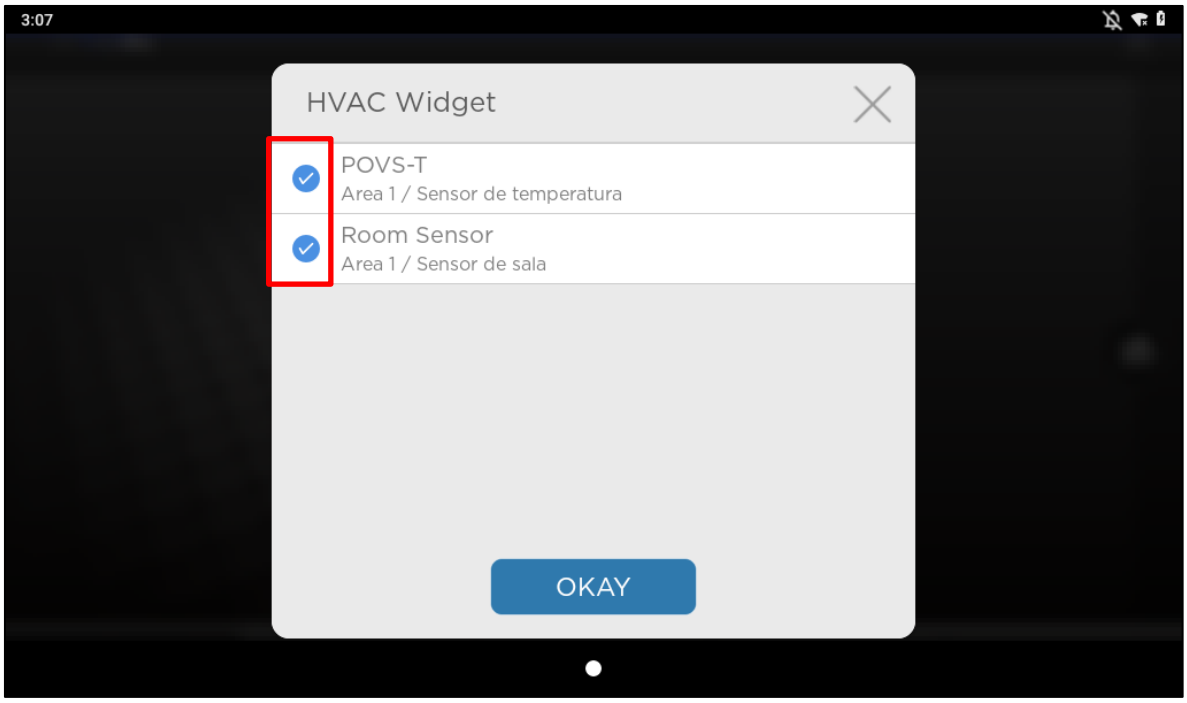
3.Operation

3.1. Home

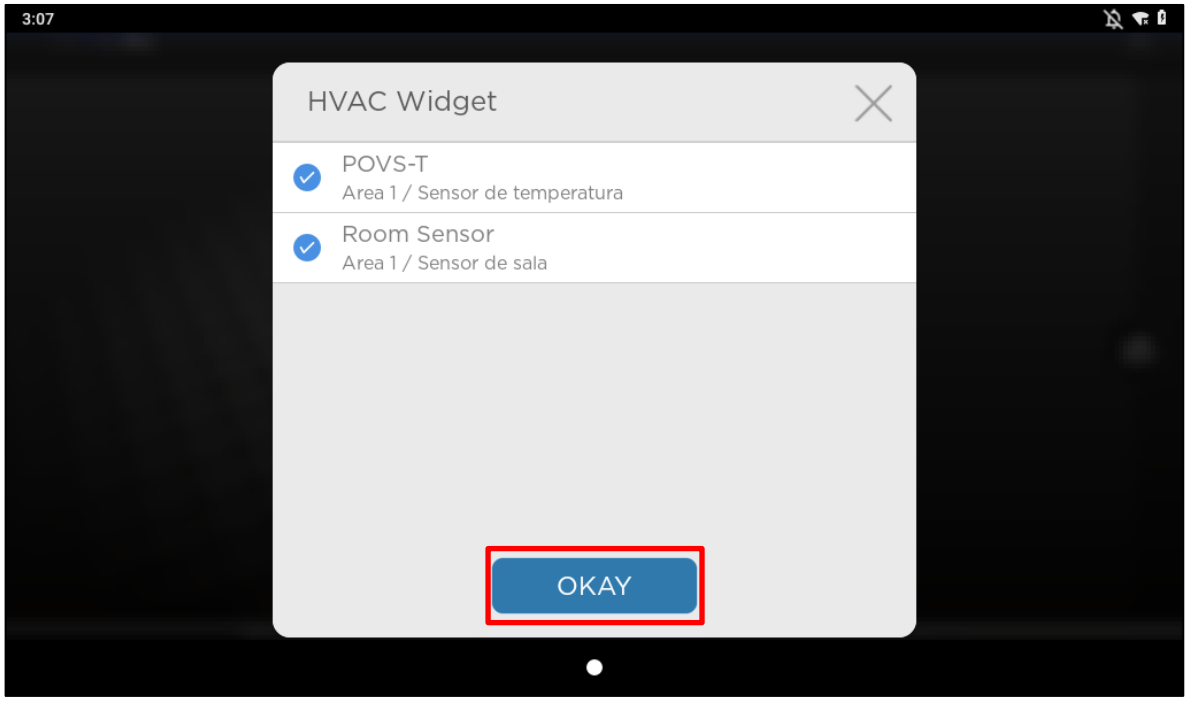
- **Date & Time**: The Home page displays current Date & Time.
- **Home Widget**  : The Home Widget list is for you to control or check currents status of the HVAC sensors or devices which have been learned into the system.

  To set the list:

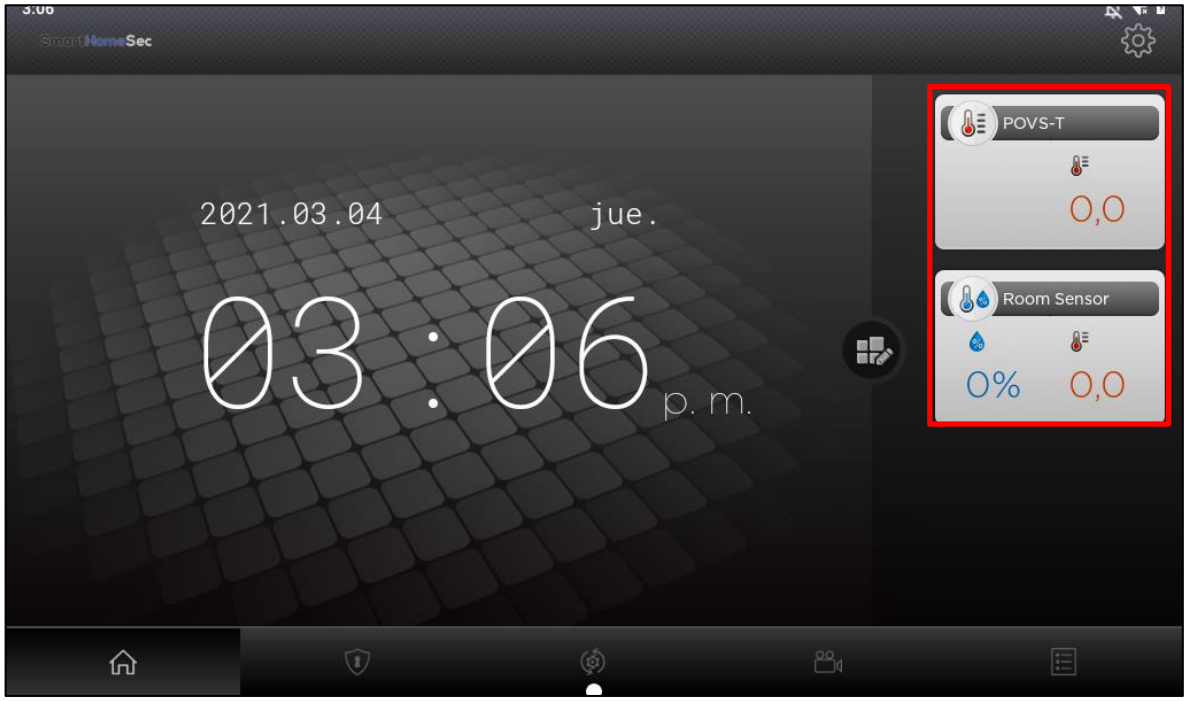
  Step 1. Tap the Home Widget icon. Check the devices that you are going to display on the list. Up to six devices can be displayed here.



Step 2. When finishing selecting the devices, tap OK to confirm.



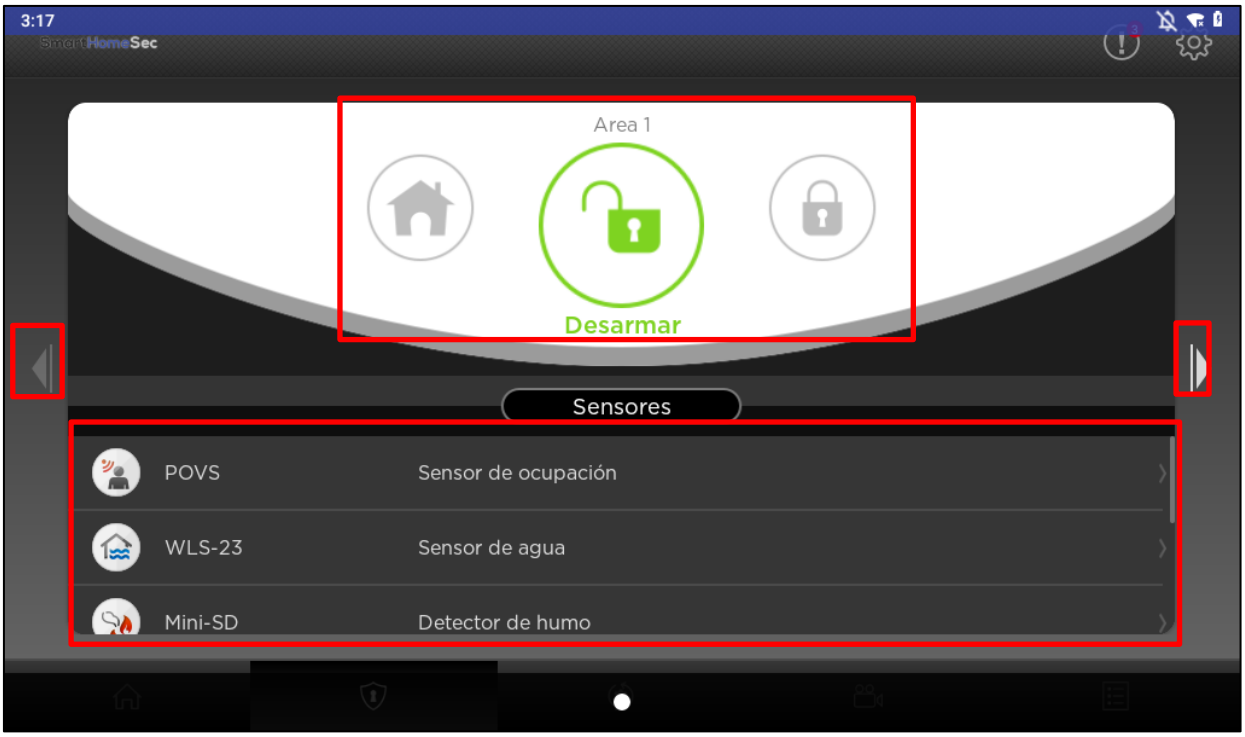
Step 3. The devices that you selected are displayed on the widget list.



Step 4. Tap the widget that you want to check. When there is a fault or supervision failure, an orange exclamation mark icon will be displayed on the widget. The color of the widget will also fade.

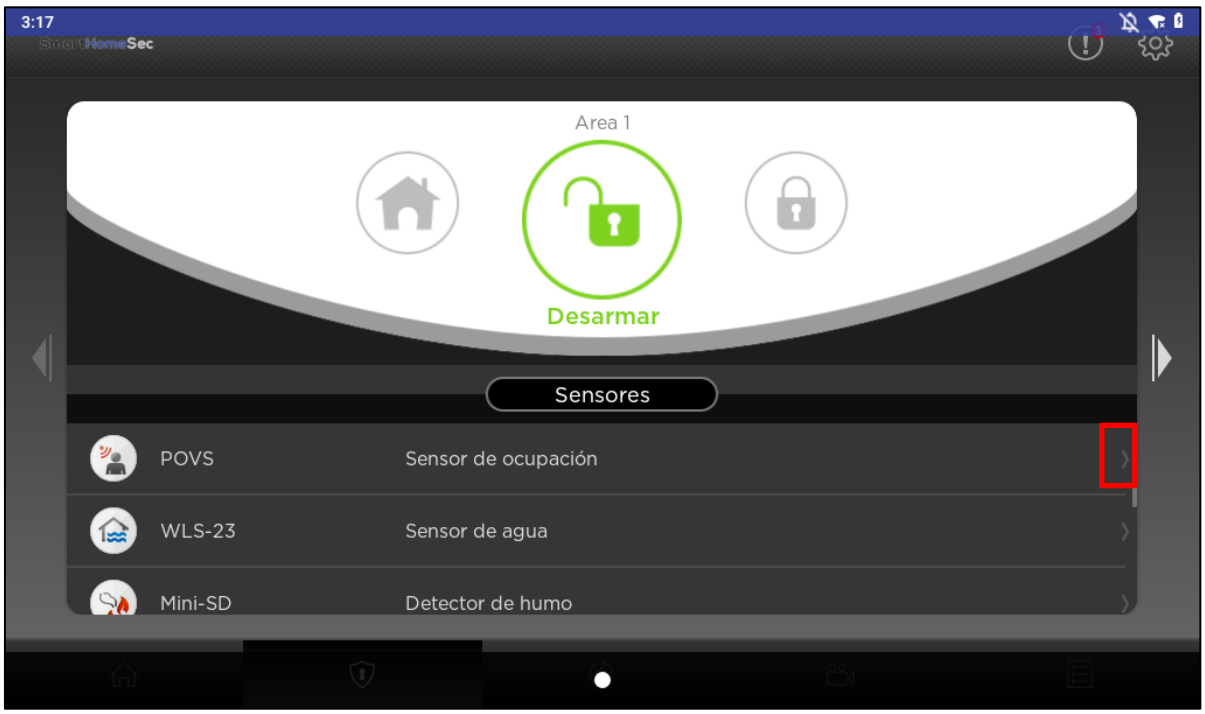
3.2. Security

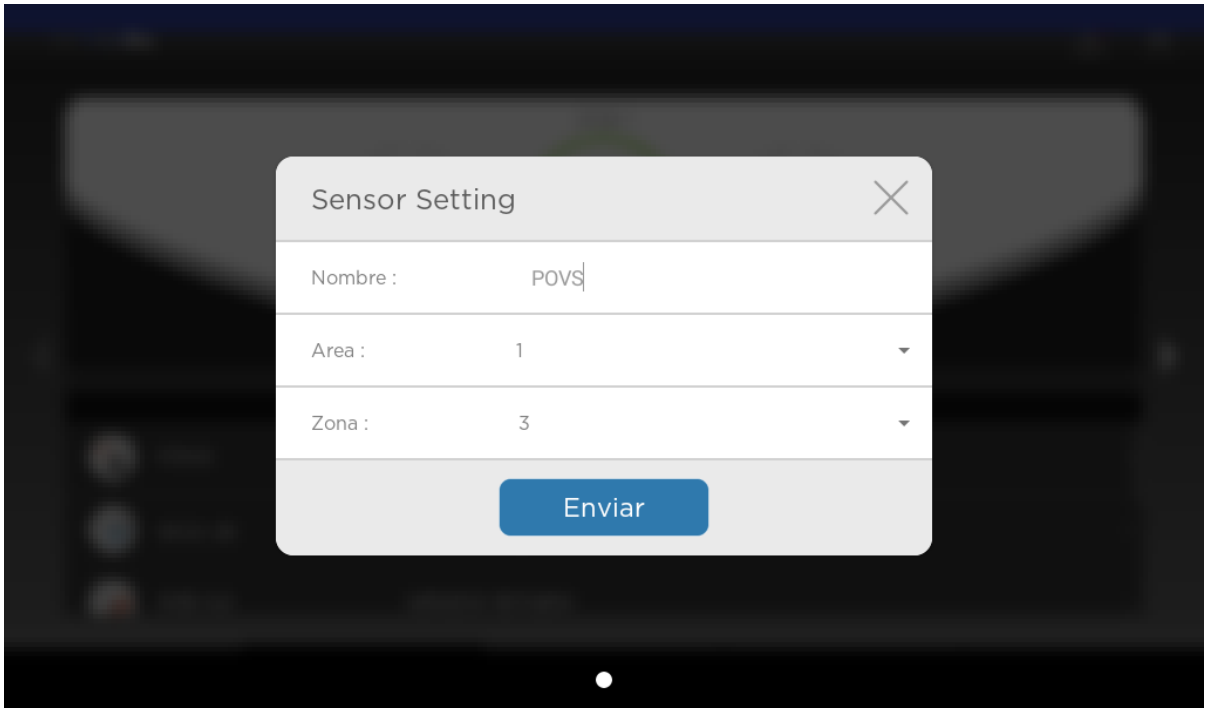
The current system status is displayed on top of the screen.



- **System Mode:** The system mode is indicated by the 3 icons at top. The current system mode will light up. When a user disarms the system, the Touchscreen Keypad will take a photo and the image can be viewed in the Event page.
- **Sensors**: Sensors that report burglar alarm will be displayed on the list below. By tapping the icon of video recording / photographing, you can control the device to record a video or take a picture.

  The user can tap  to edit Sensor's name, area and zone.

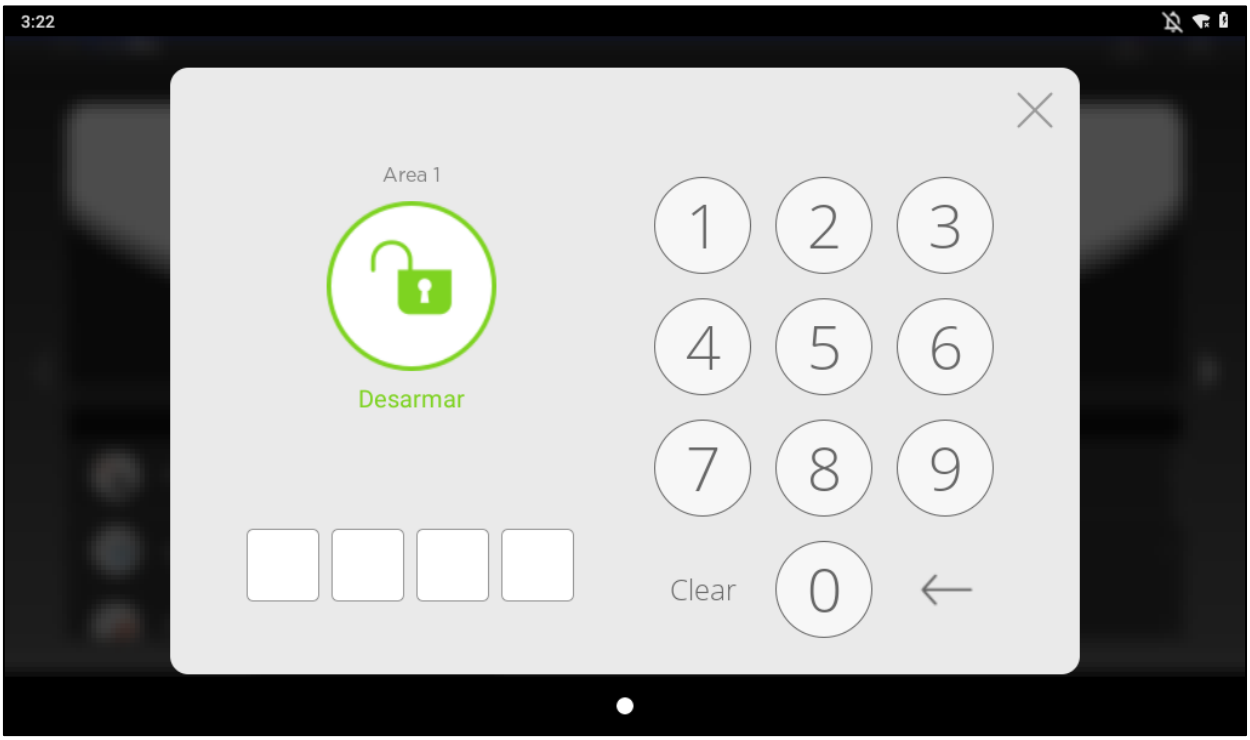




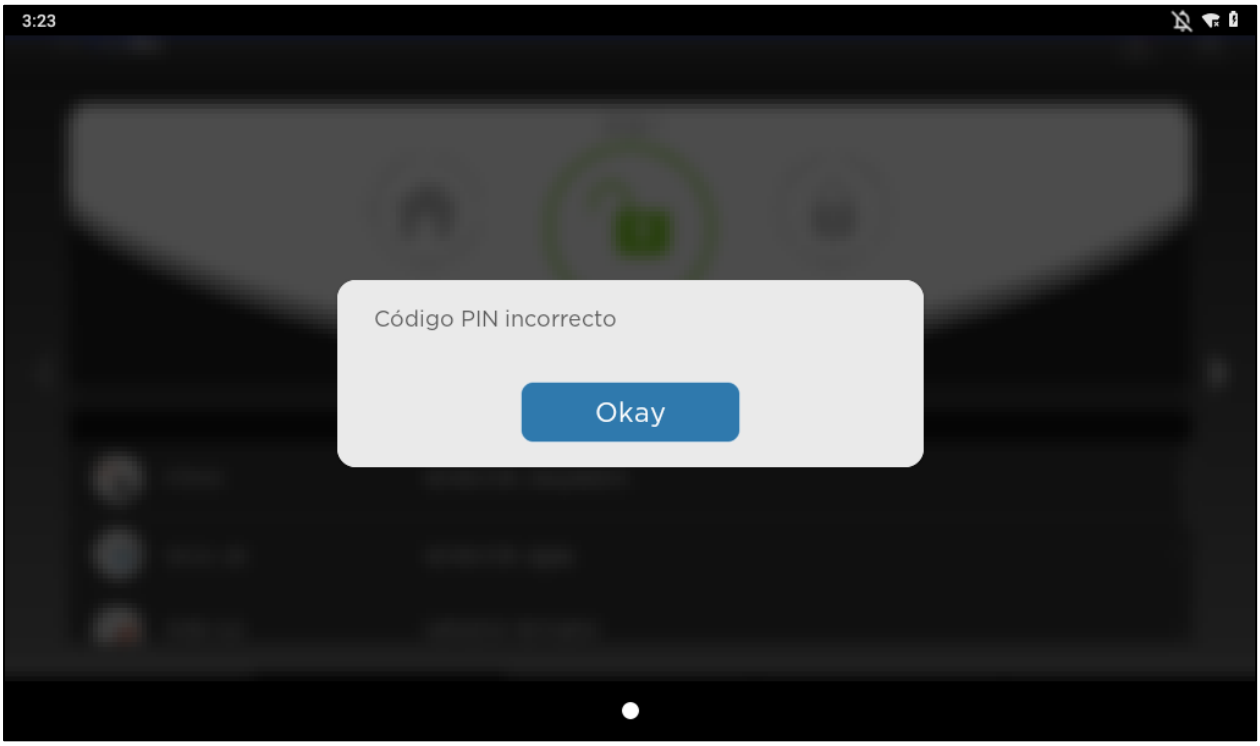
- **Previous & Next**  :: Tap these two icons to view the system status and the sensors of Area 1 and 2.
- **Fault list**  : Tap the icon to view the fault list of the system. The number of the faults will be also indicated via the number badge.

3.2.1. Change System Mode

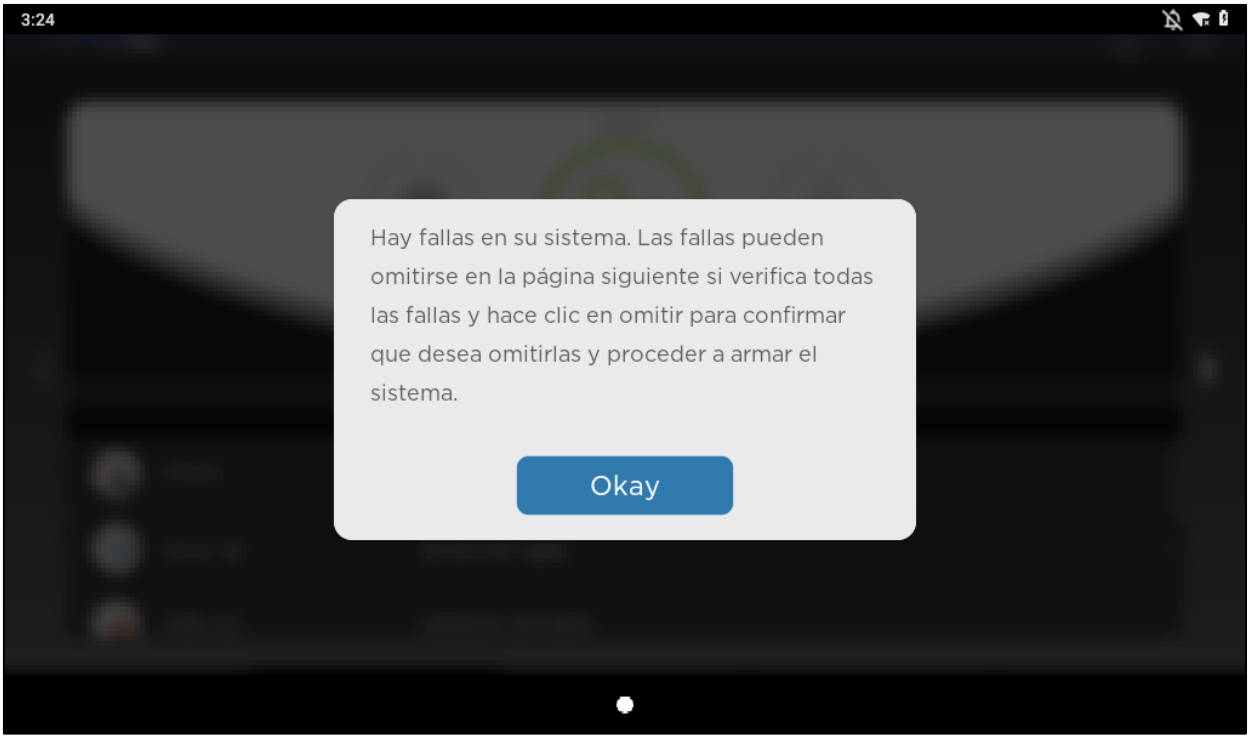
- Tap the desired mode icon and enter the PIN code. You will be required to enter one of the Control Panel User PIN Code to confirm the action.



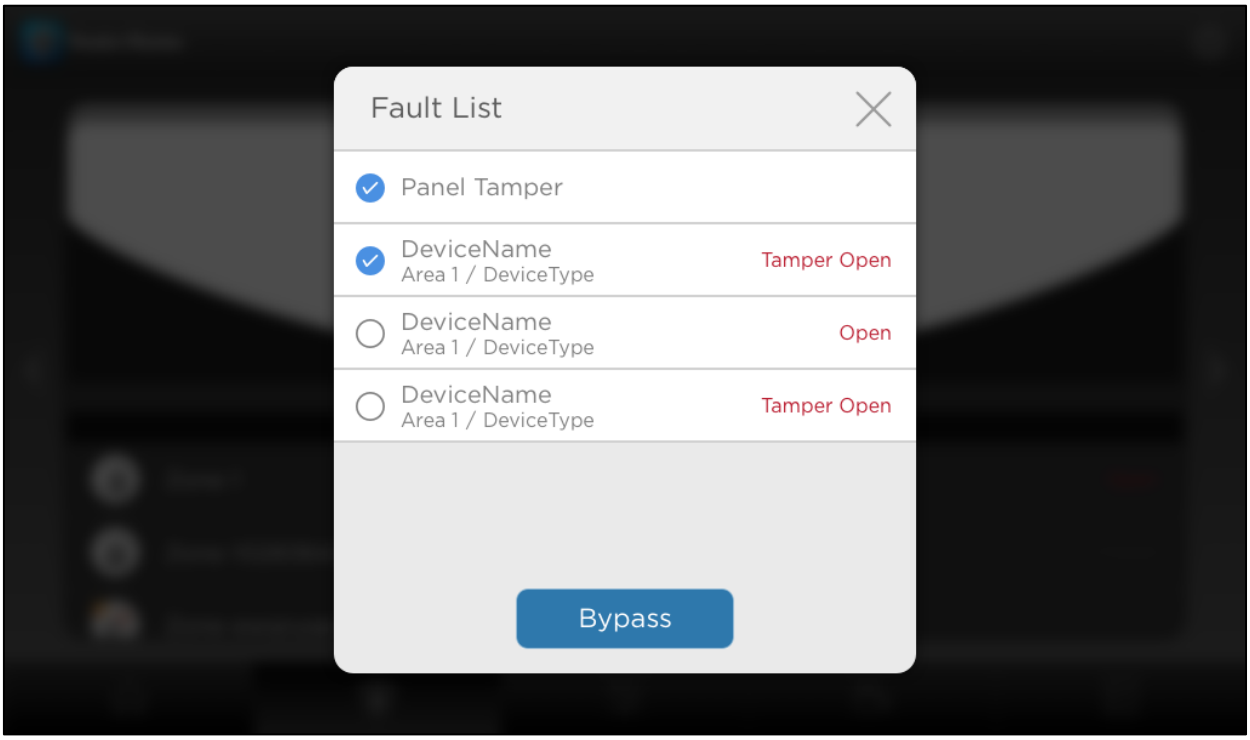
If incorrect PIN Code is entered, the Touchscreen Keypad will display error message and arming will be aborted.



- If the system has existing fault events when arming, the Touchscreen Keypad will display fault message. Tap OK to view the fault list.

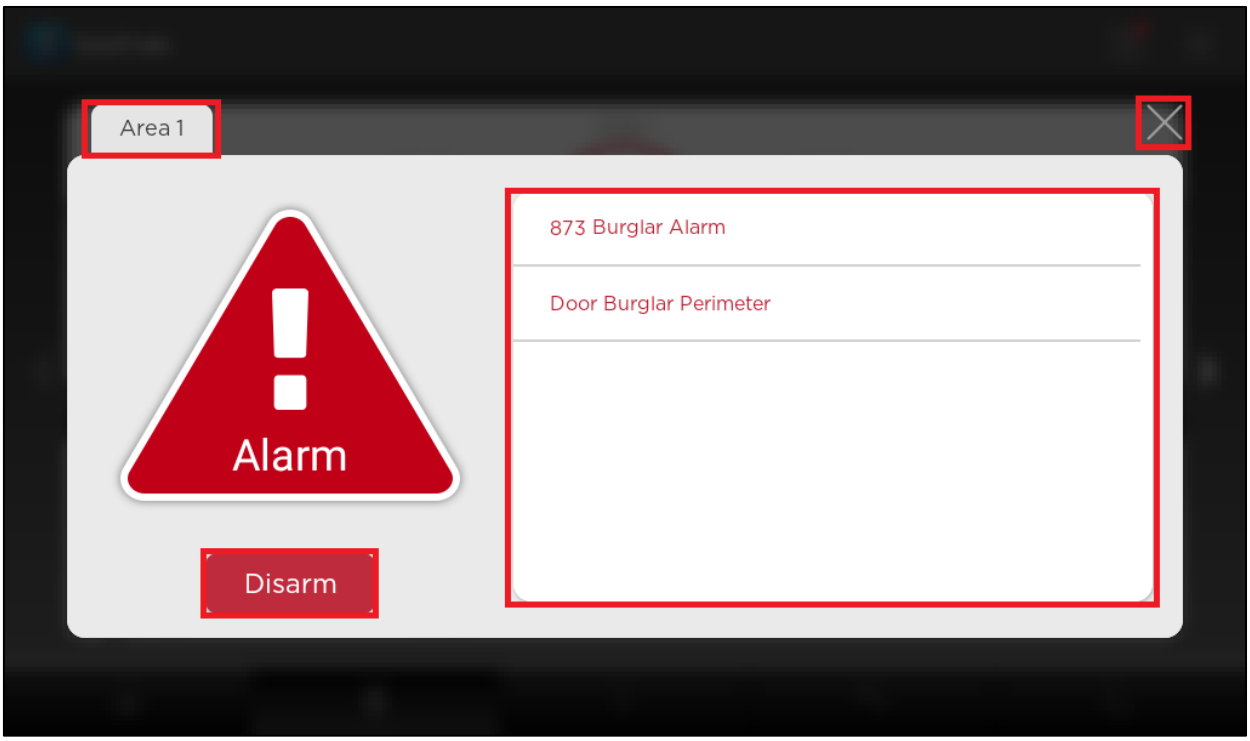


By checking all faults and tapping “Bypass”, the faults are bypassed and the system is armed now.

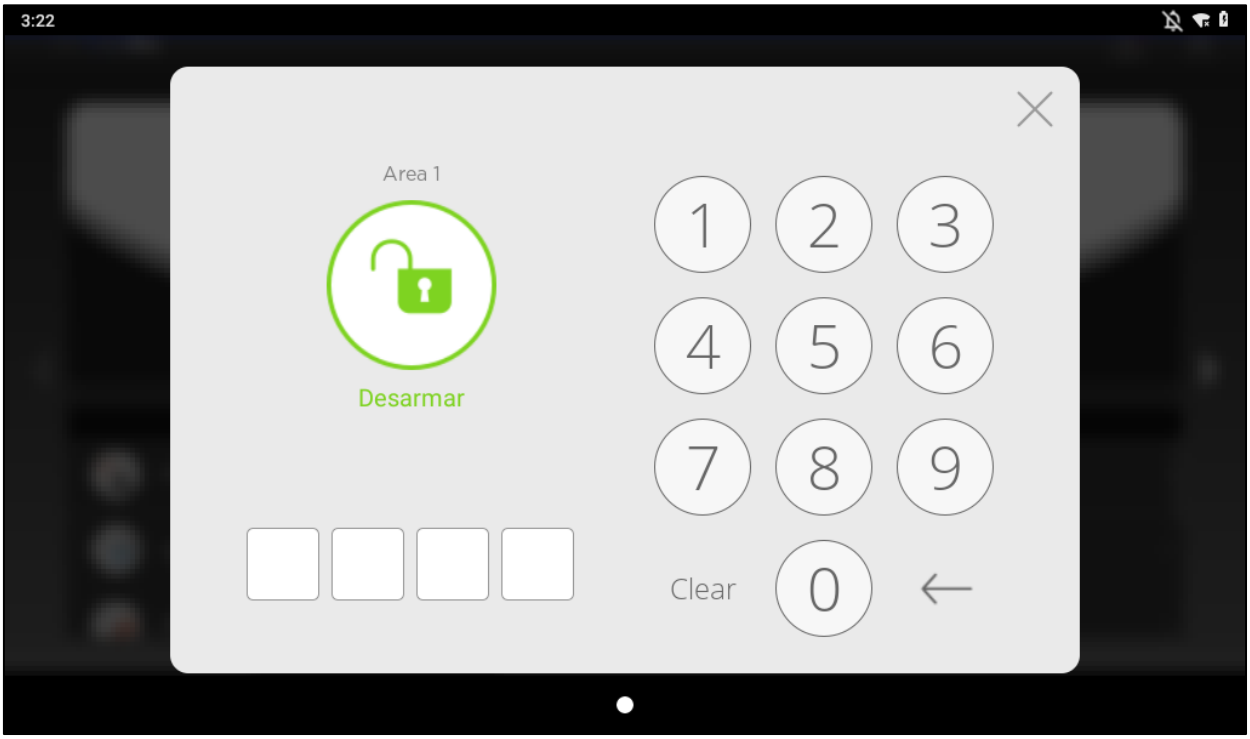


3.2.2. Alarm Dashboard

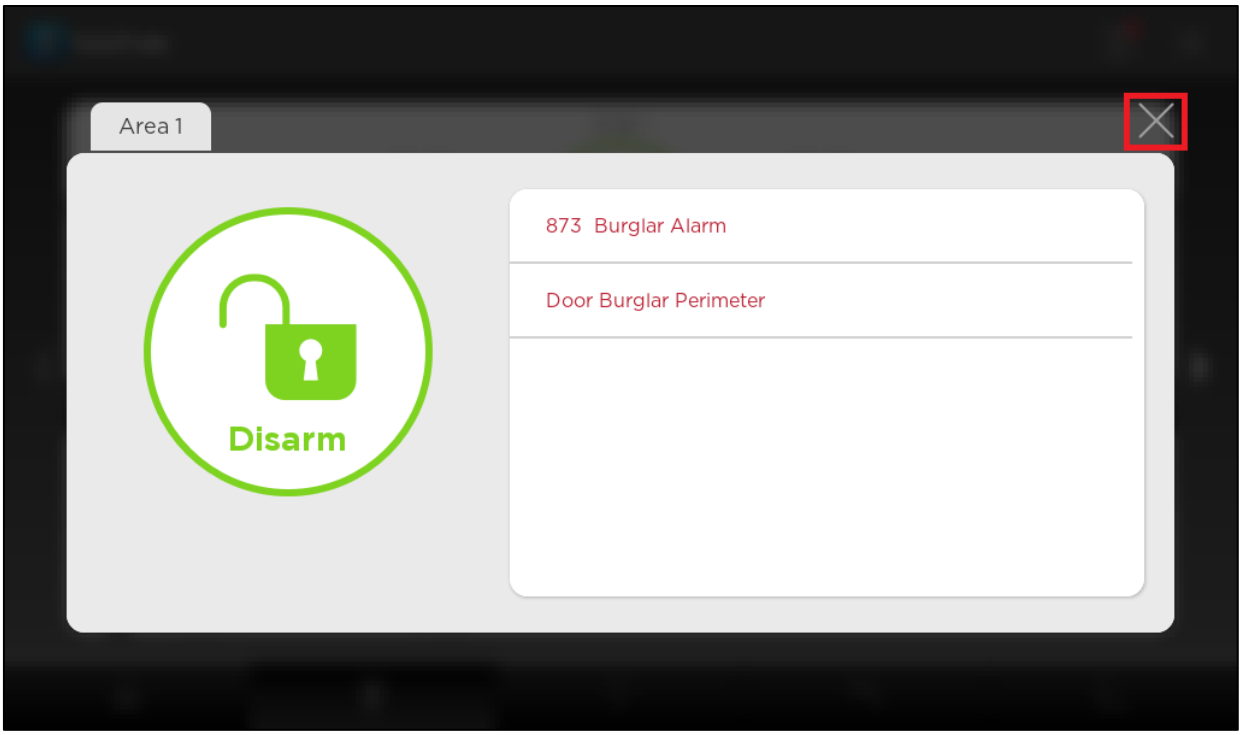
When there is an alarm, the Alarm dashboard will be displayed:



- **Area**: It will be indicated that the alarm is occurred in area 1 and/or area 2. When there are alarms in both areas, you can tap the icon to view the alarm list for each area respectively.
- **Alarm list**: The devices have been triggered will be displayed here.
- **Disarm**: Tap the icon and then enter the PIN code to disarm the system.



After disarming the system, you can view these events again through the list. Tap the Close icon to close the alarm dashboard and go back to Security page.

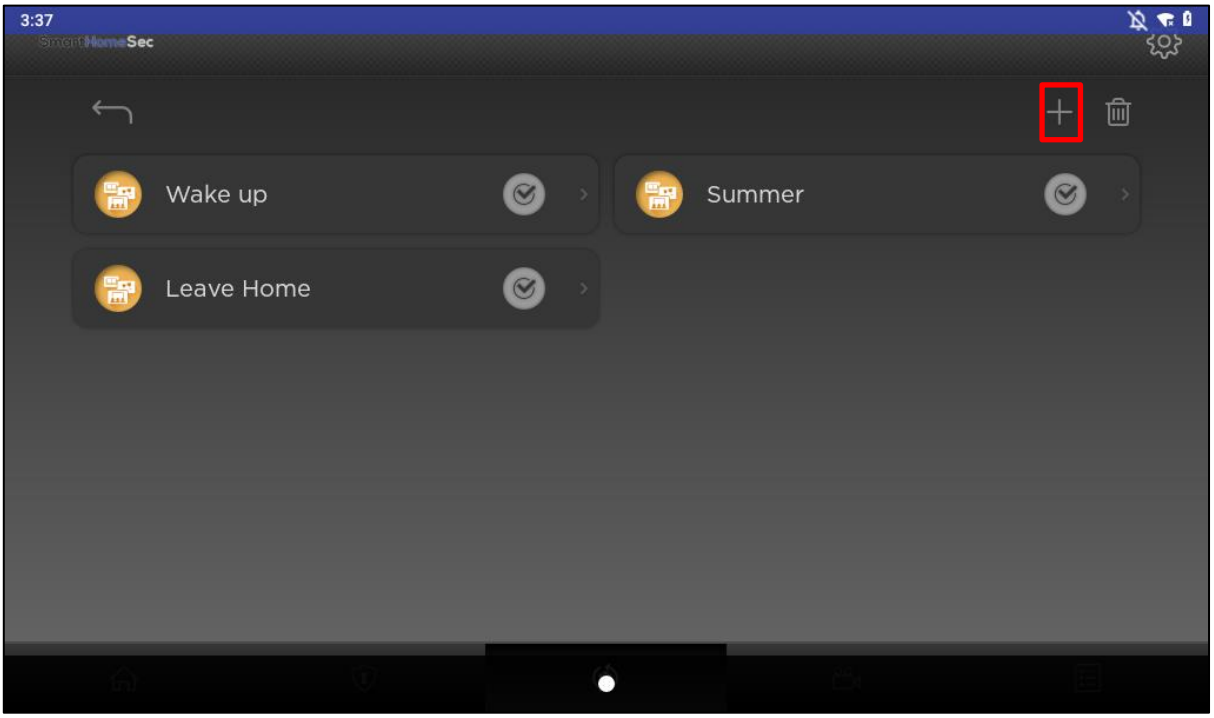


3.3. Automation

The Automation page provides access to home automation functions in the Control Panel. The Automation page includes Scene, Room, Group, Automation Device, and Rule.

3.3.1. Scene

The Scene subpage allows you to set a group of actions which the Control Panel may perform with its Home Automation devices. The user can program the Scene to manually activate a set of devices, or automatically activate them by pre-programmed Rule (Please refer to **3.3.5. Rule** for more details).



- Create a New Scene.

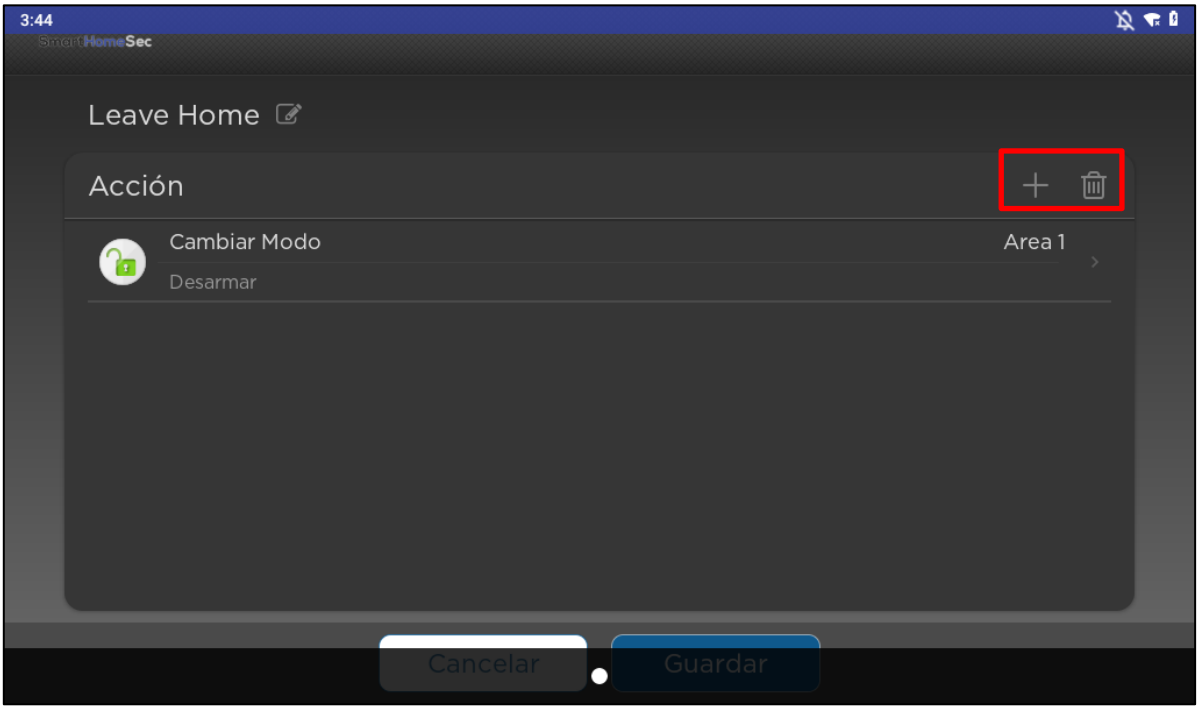
Step 1. Click the + icon to access Add Scene menu.

Step 2. Enter your Scene Name.

Step 3. Choose a desired Action Type from the drop down menu. Up to 9 action types are available. The options available are dependent upon learnt device(s) in the Control Panel and up to 5 actions can be associated with each scene.

- Device Action: To toggle on/off, switch on/on for/on until/off, open, or close a device in specified zone.
- Group Control: The Group function allows the user to control the same type of devices.
- Change Mode: The system will change to the disarm/full arm/home arm mode as specified.
- Request Video: The PIR Video Camera or IP Camera in specified zone will record a video.
- Request Video (All): All PIR Video Cameras and IP Cameras in the system will record a video.
- Request Image: The PIR Camera in specified zone will take a picture.
- Request Image (All): All PIR Cameras in the system will take a picture.
- Request Image (No flash): The PIR Camera in specified zone will take a picture without activating its LED flash.
- Request Image (All, No flash): All PIR Cameras in the system will take a picture without activating its LED flash.

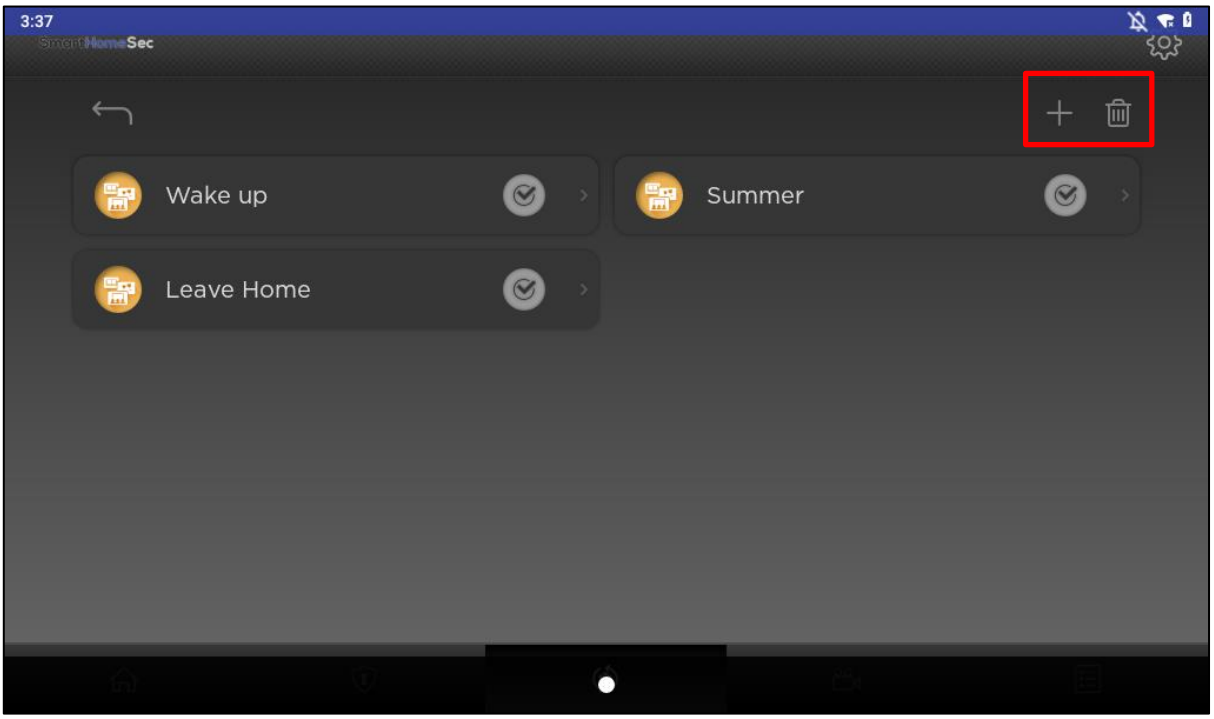
Step 4. You can create a new Action type by clicking the + icon. To remove an existing Action type, simply click the 🗑 icon.



Step 5. Click “Save” to confirm scene setting. The Scene page will be updated with the new Scene.

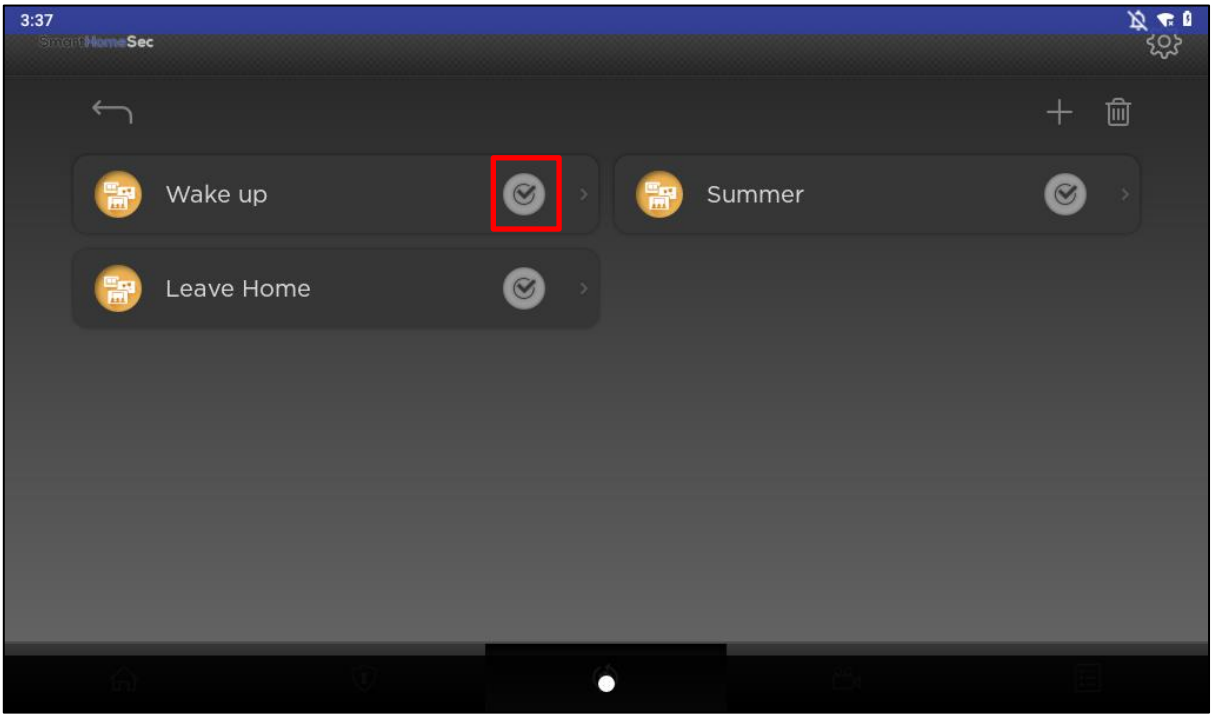
Step 6. You can click the + icon on top right of the List menu to create a new scene. To

remove an existing Scene, simply click the icon.



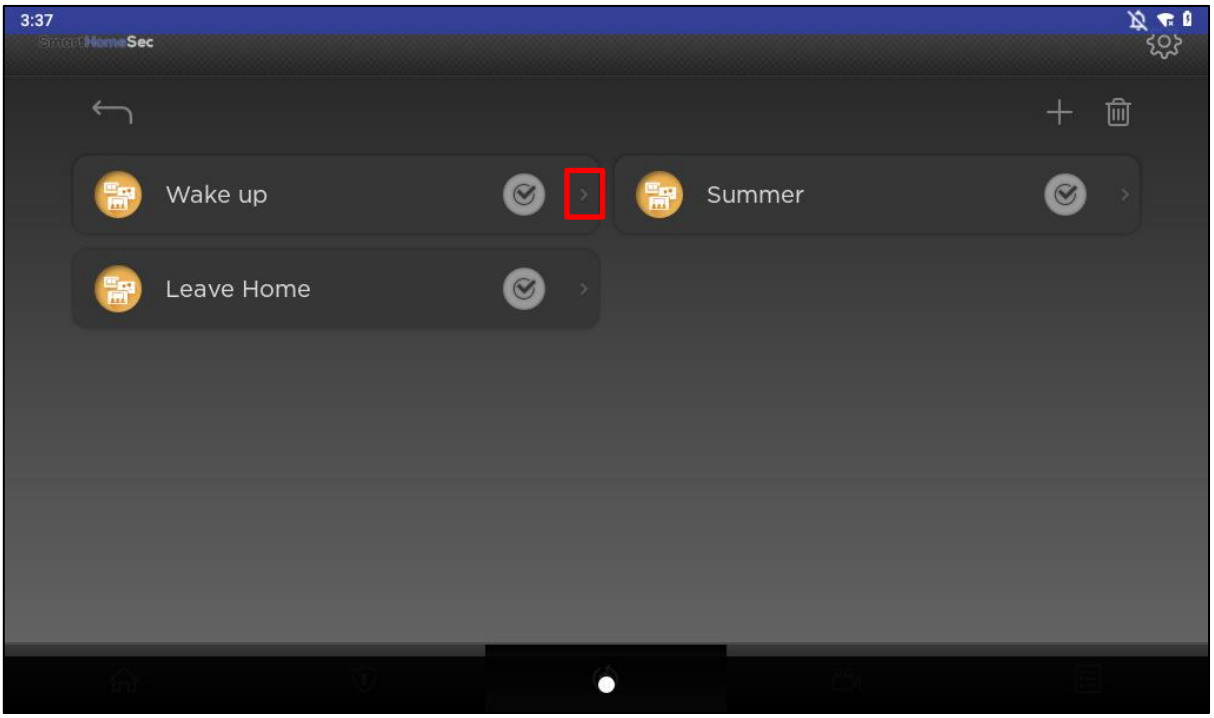
- Apply Scene.

You can click the icon after the scene name to bypass the condition setting and manually execute a scene's action. You may apply 1 Scene at most each time.



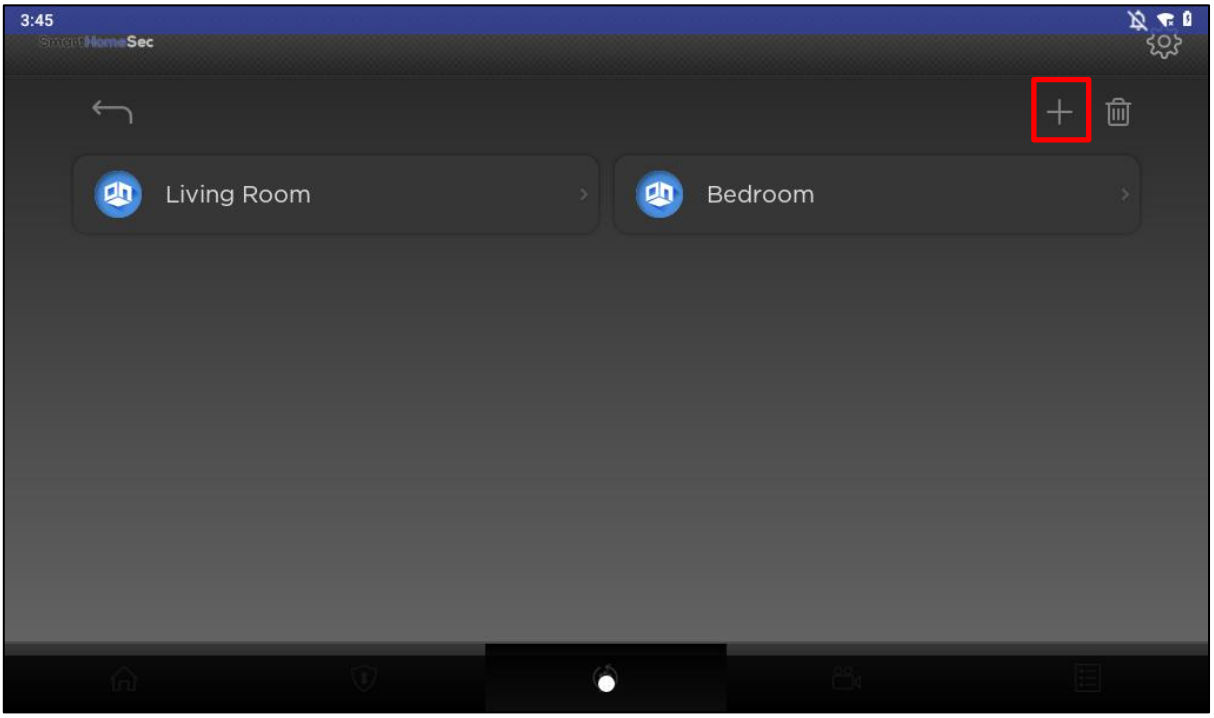
- Edit Scene.

To edit an existing scene, click the icon to view scene content.

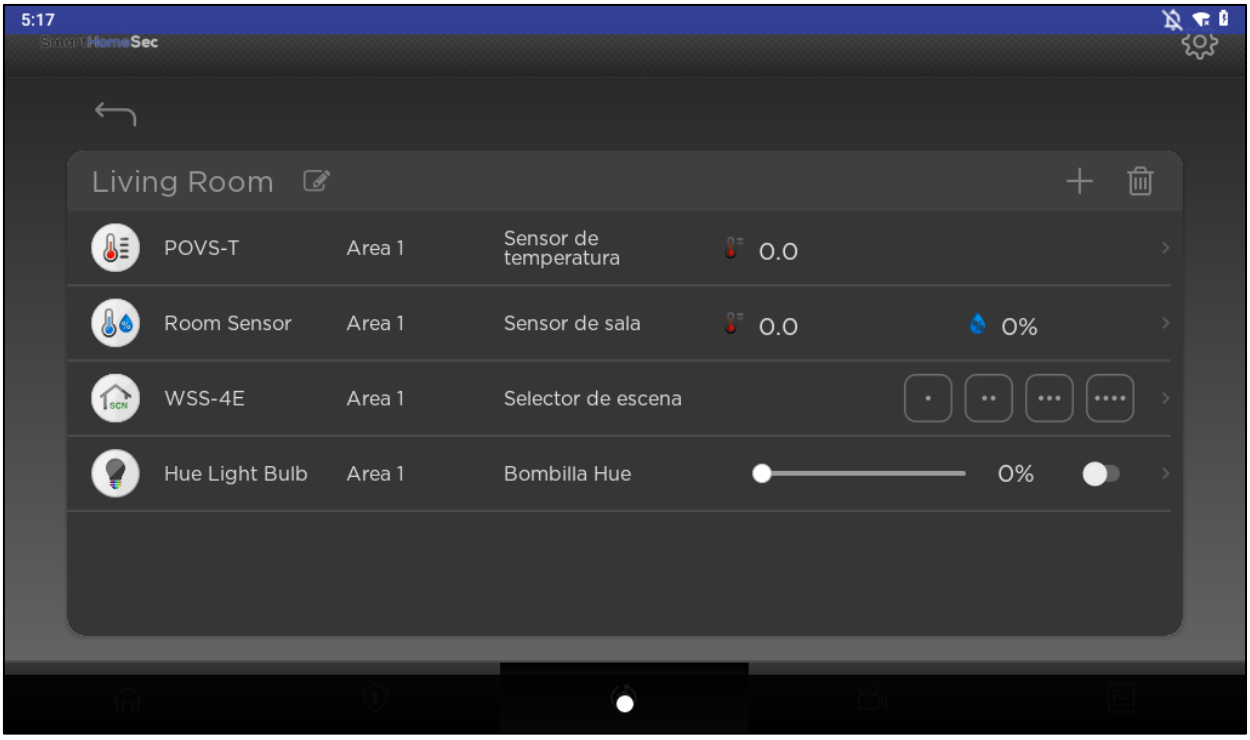


3.3.2. Room

The Room subpage allows you to associate several sensors to create one Room. This feature provides a hassle-free way if you wish to turn a light on in the living room. You will not end up turning on a light in the kitchen by mistake. Each device can only be assigned to one Room.

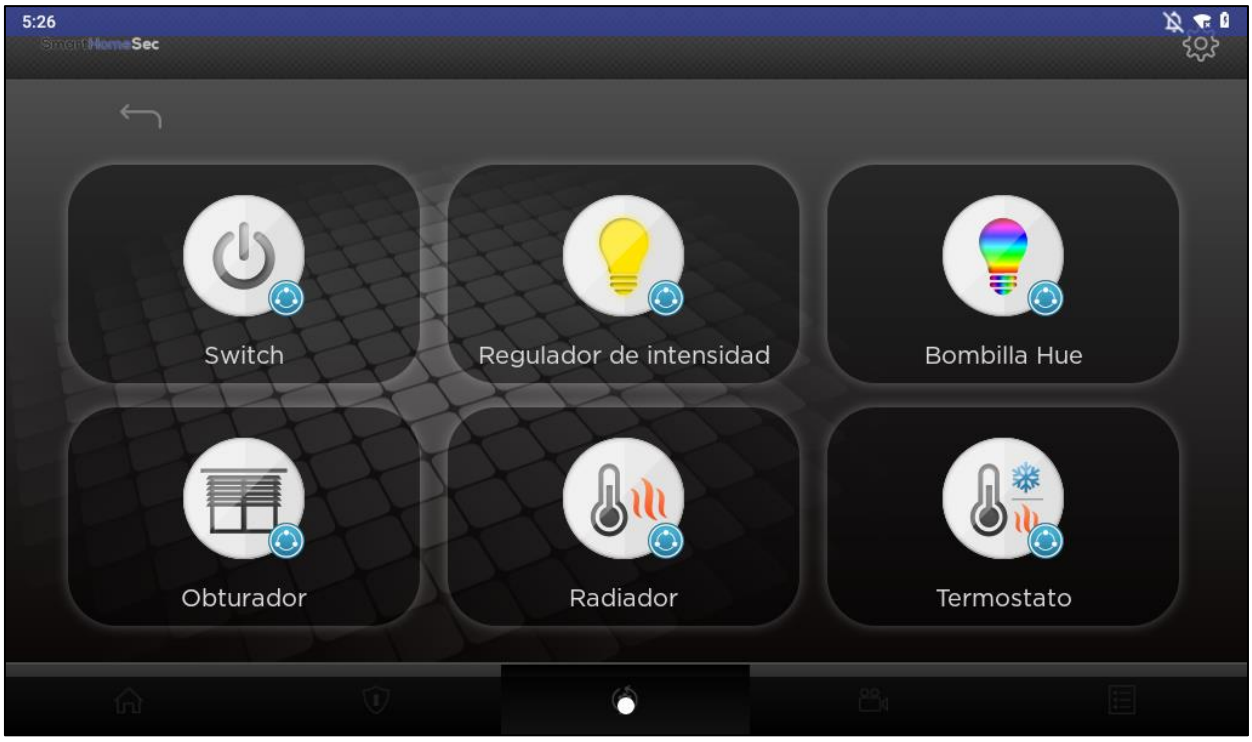


- You can create more rooms by clicking the + icon at top right.
  - Up to 20 Rooms can be created.
  - Enter the Room name in Name field for identification.

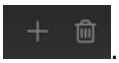


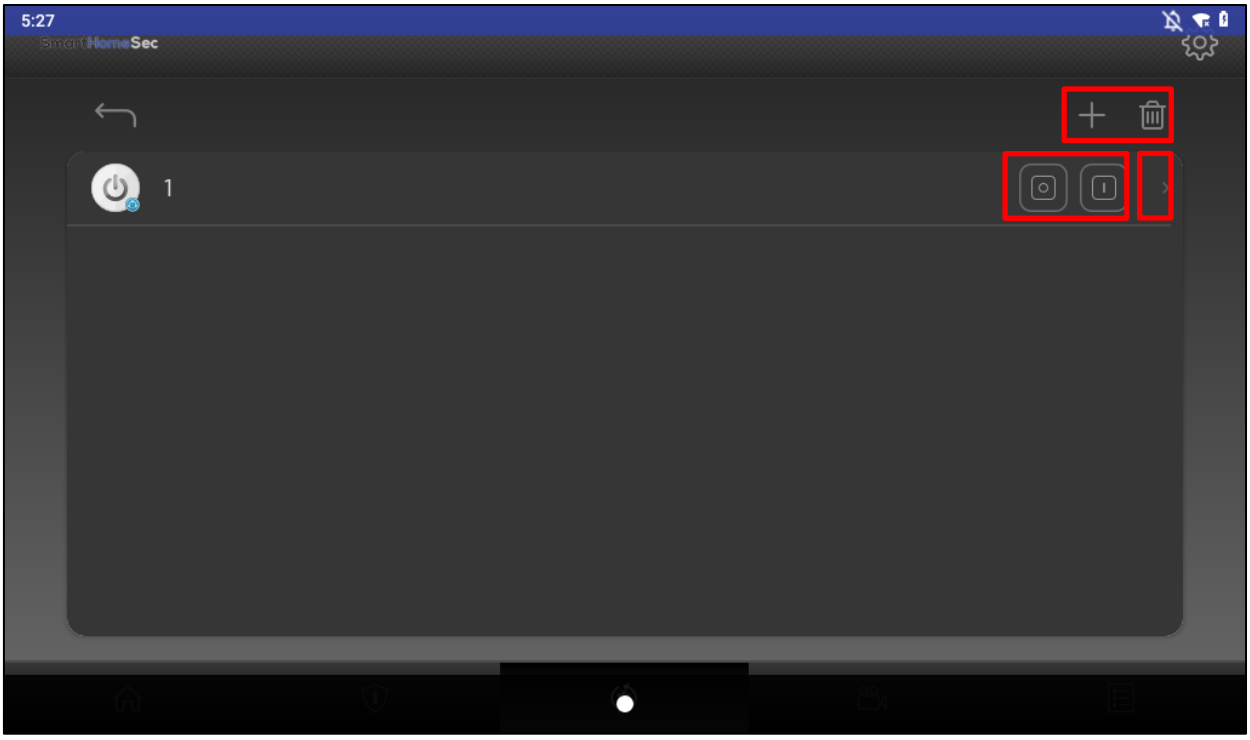
3.3.3. Group

The Group function allows the user to control the same type of devices. The user can control over 6 types of devices, including Switch, Dimmer, Hue, Shutter, Radiator, and Thermostat. Up to 10 subgroups can be created under each type.



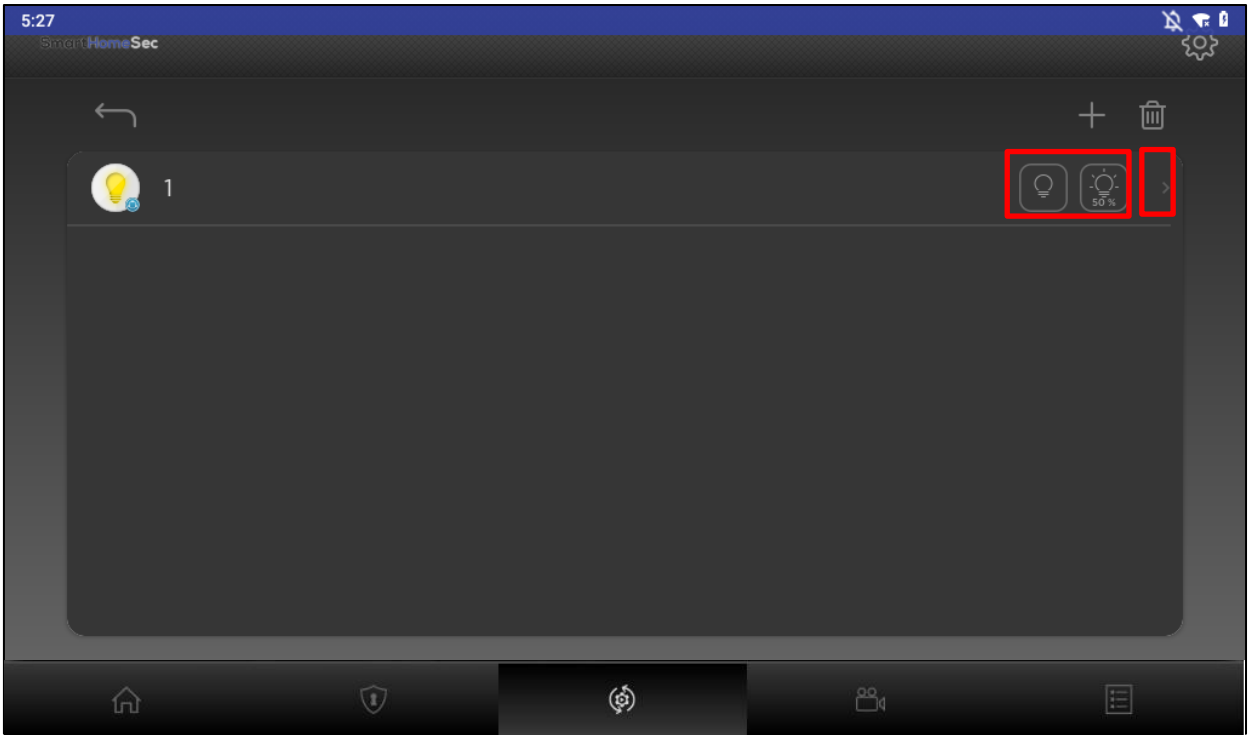
- **Switch**

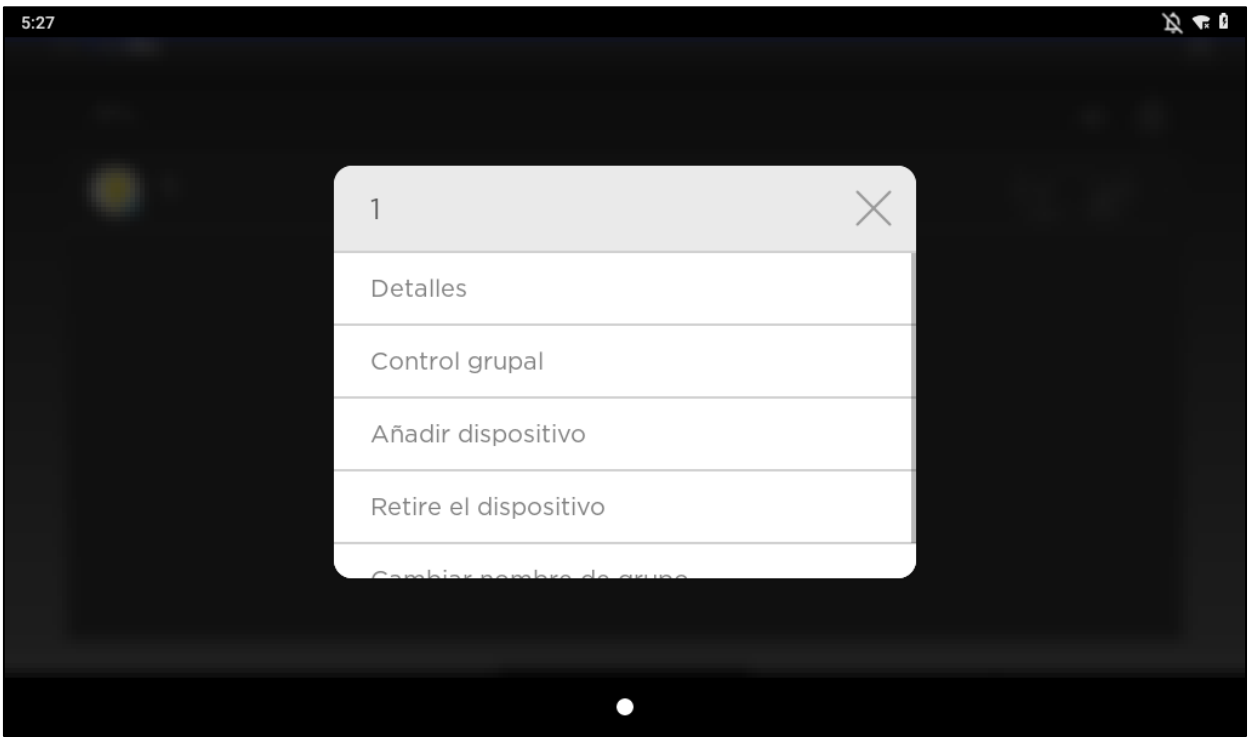
Tap  to turn on/off Switch of each Group. To add/delete a group, tap  . To view details, add/remove a device or rename a group, tap  .



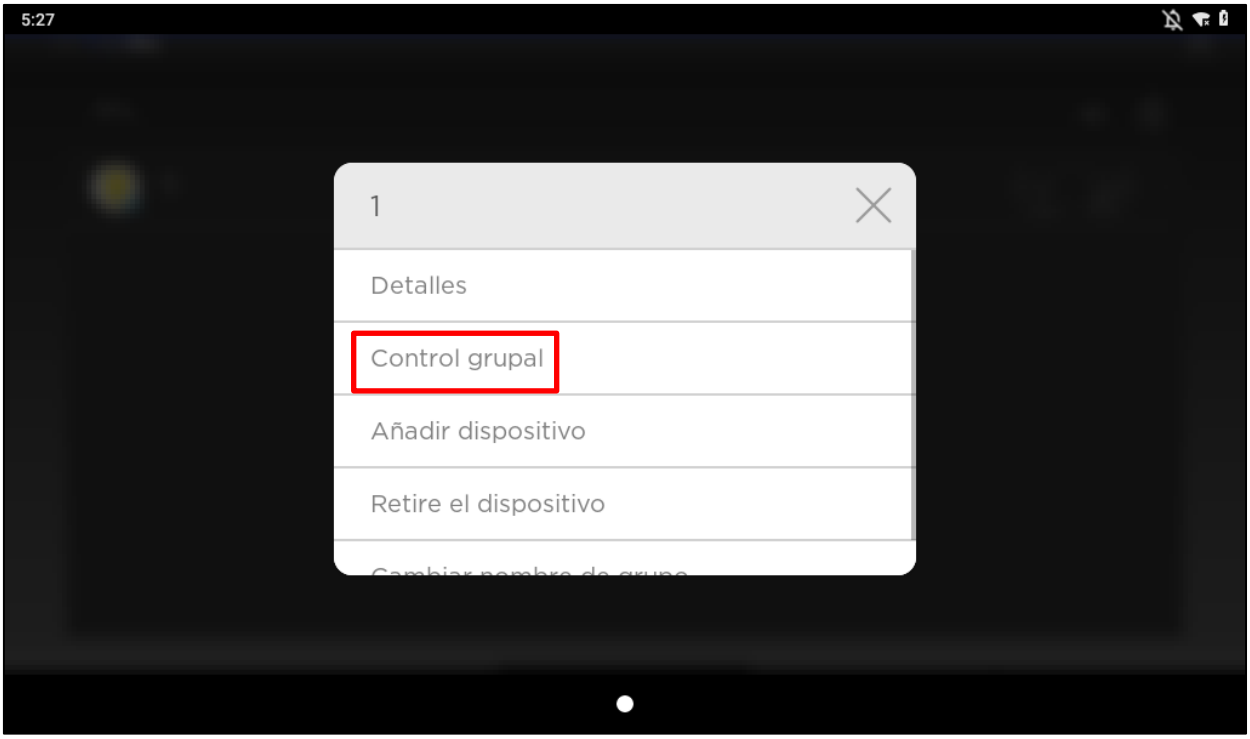
- **Dimmer**

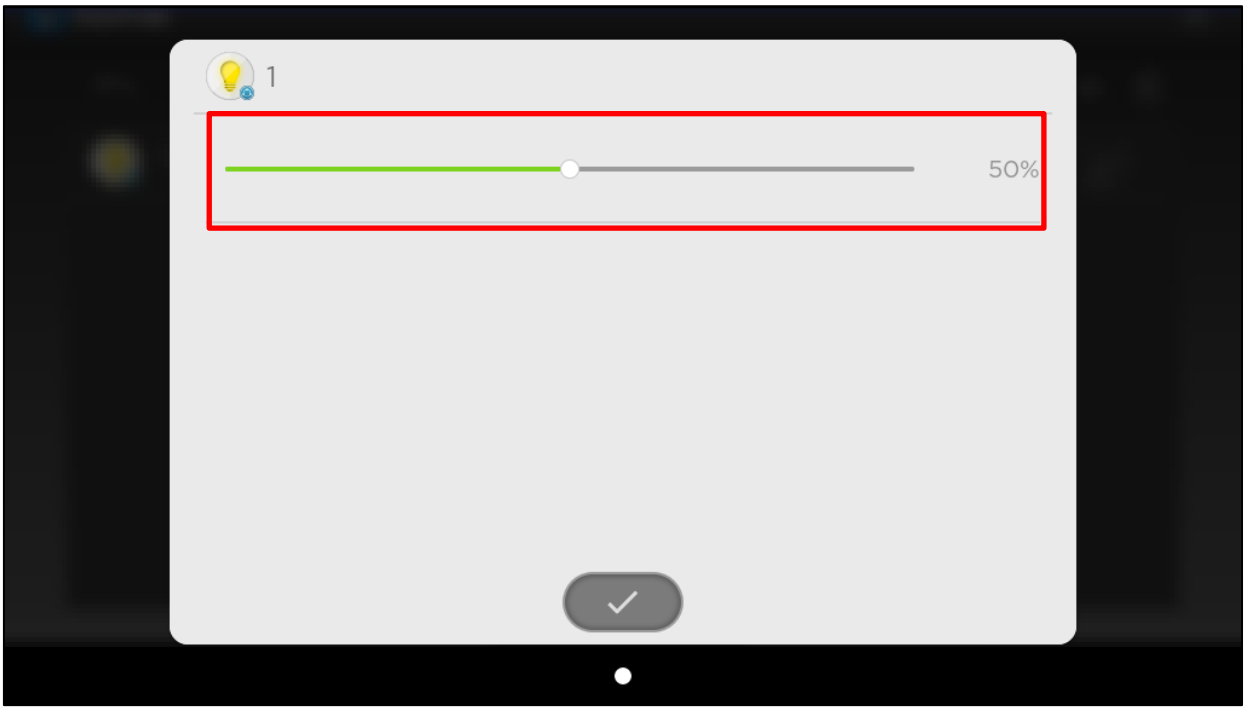
Tap  to control Dimmer of each group. To view details, control a group, add/remove a device or rename a group, tap  .





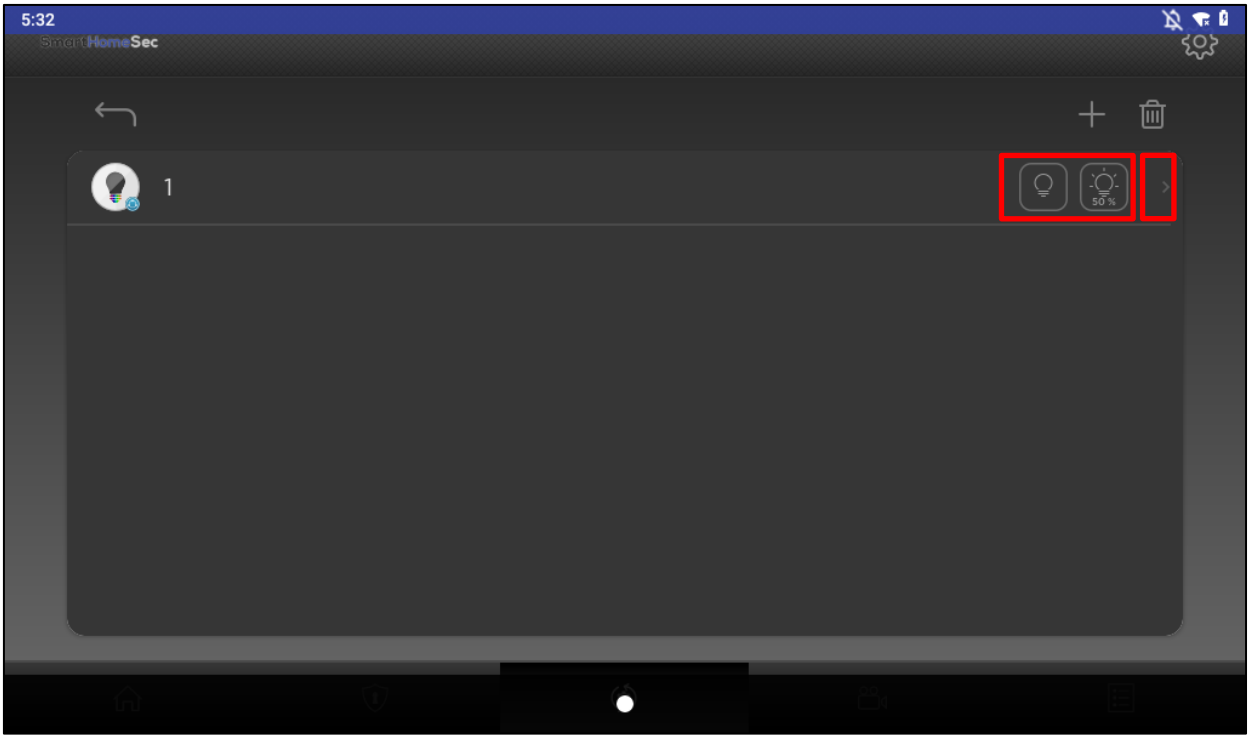
In the Group Control page, the user can change the brightness of the devices by adjust the bar.

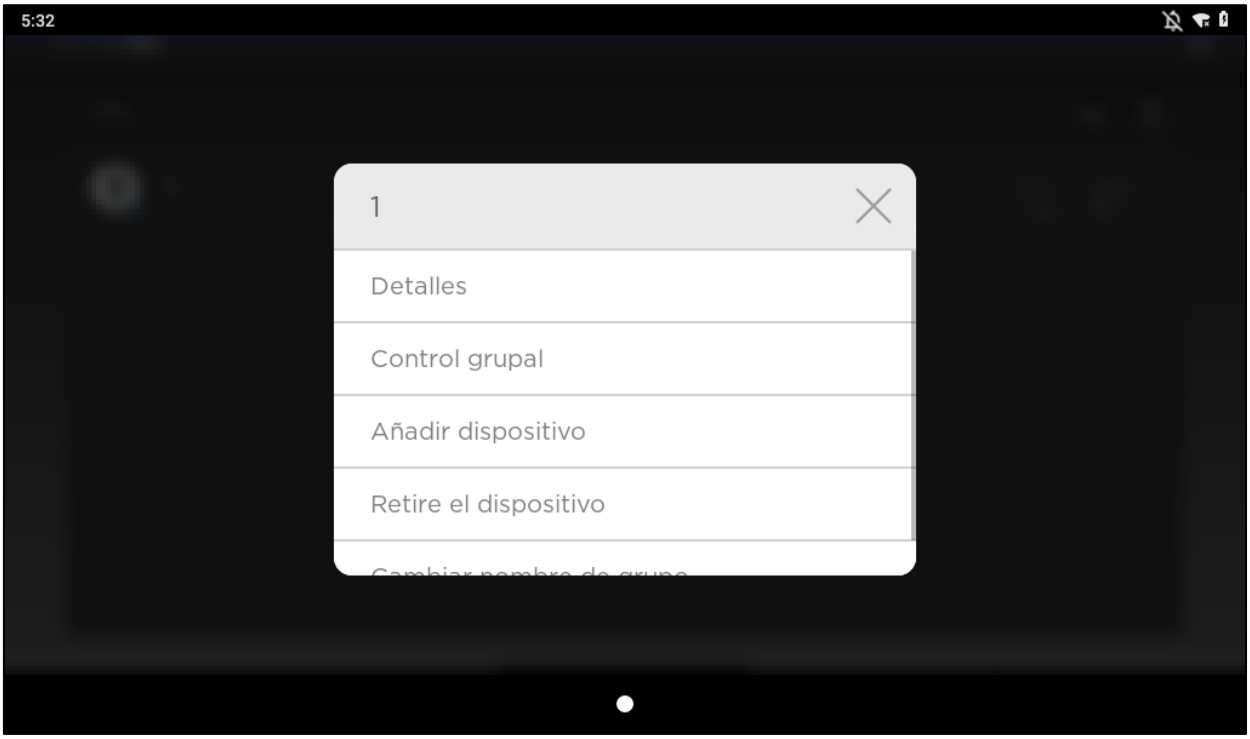




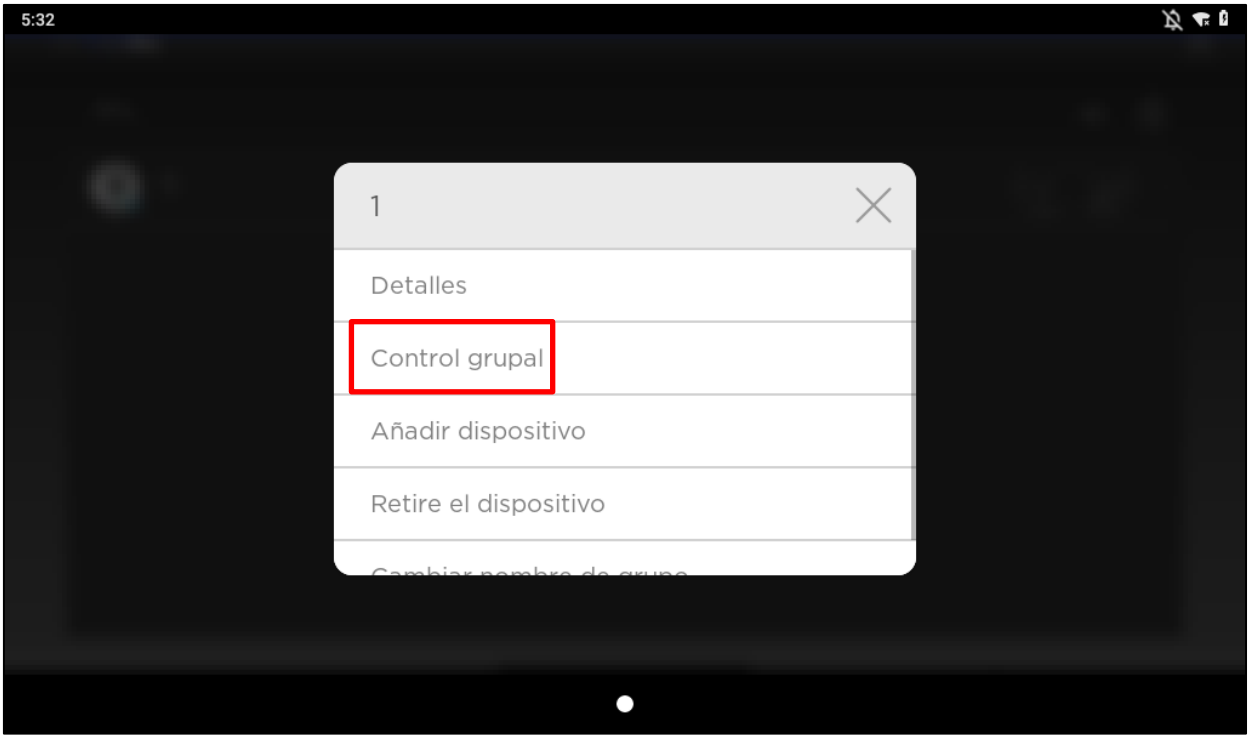
- **HUE Bulb**

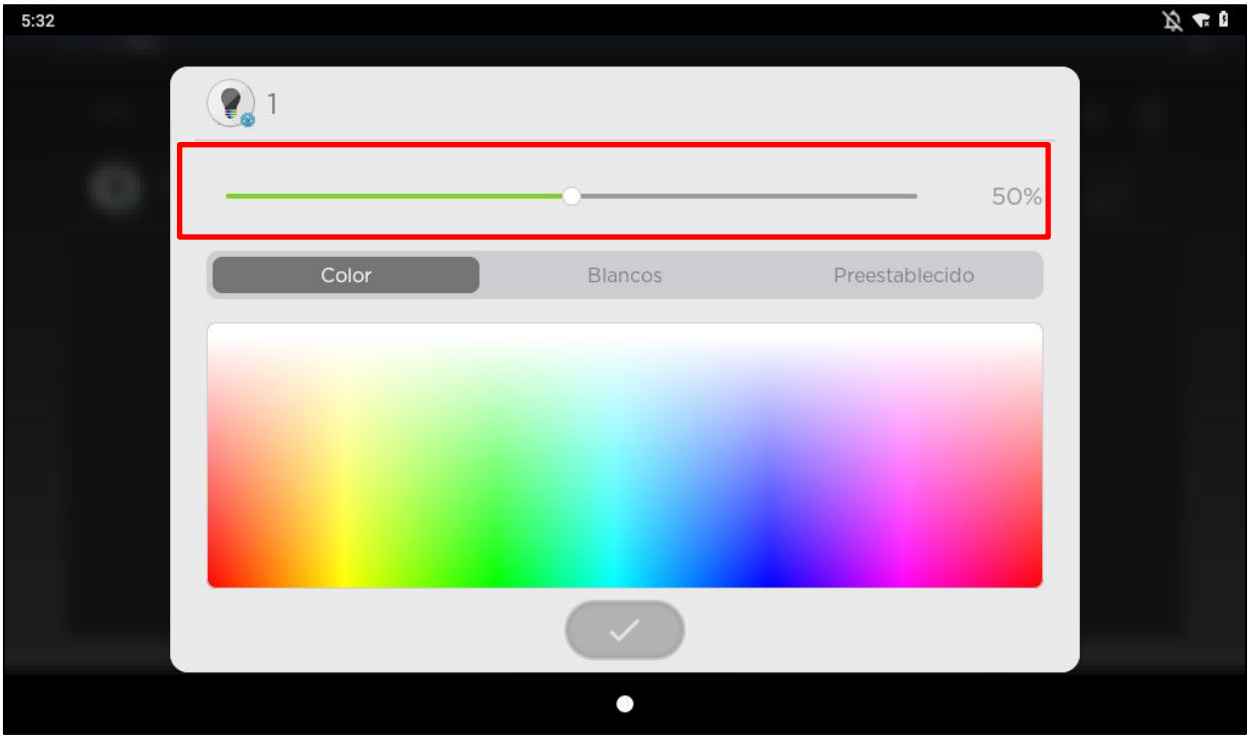
Tap  to control Hue of bulbs in each group. To view details, control a group, add/remove a device or rename a group, tap  .



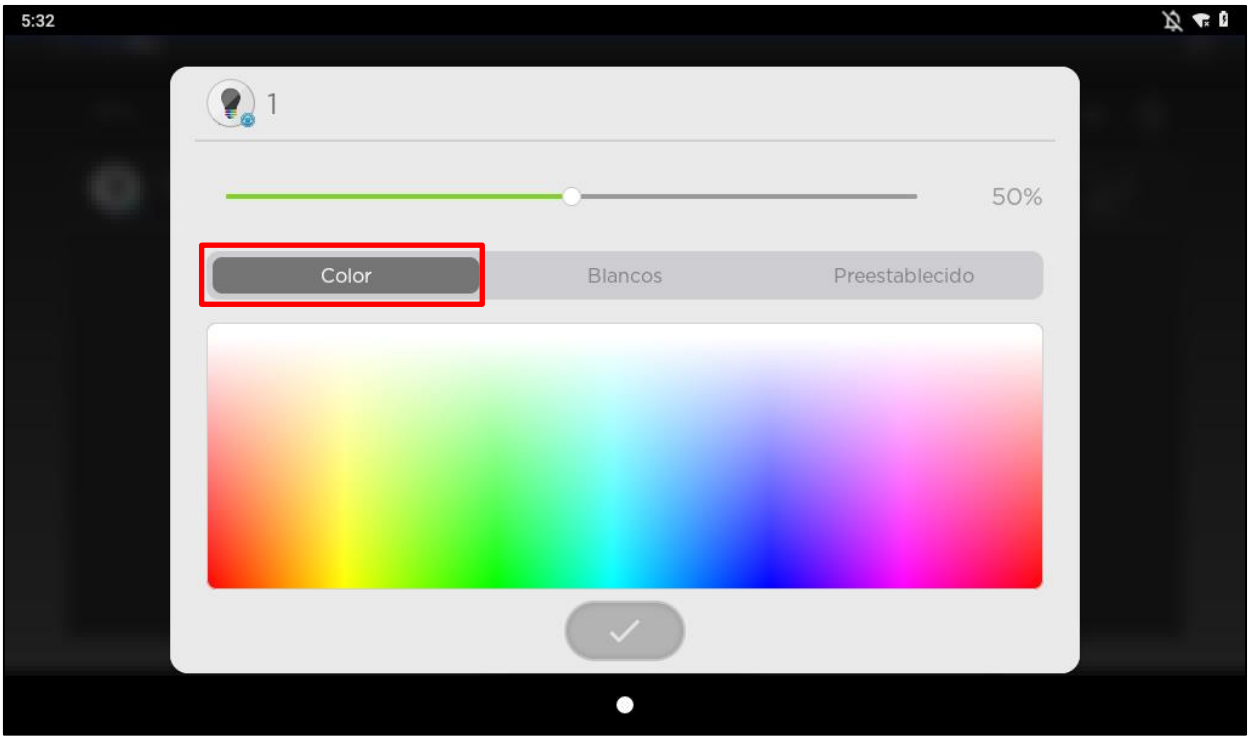


In the Group Control page, the user can control Hue by adjusting the bar or tap Color, Whites, or Preset to change the color of devices in a preset group.

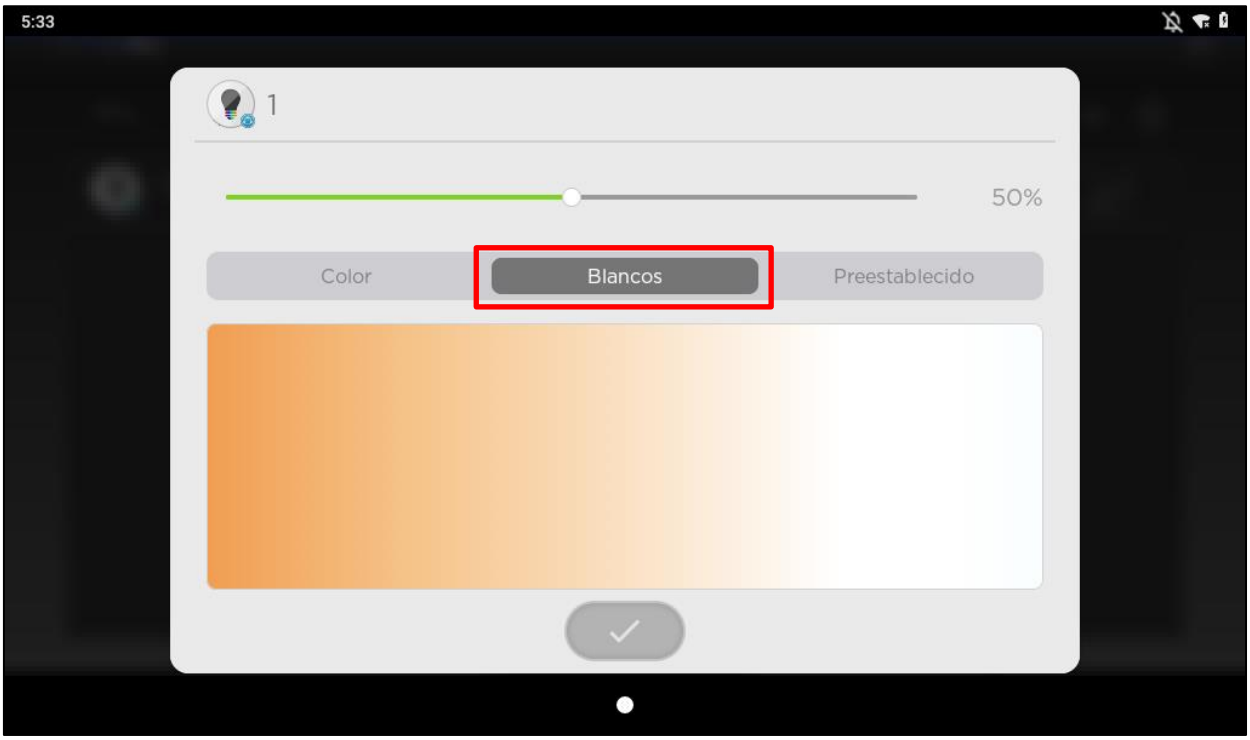

5:32
1
Detalles
Control grupal
Añadir dispositivo
Retire el dispositivo


5:32
1
50%
Color
Blancos
Preestablecido

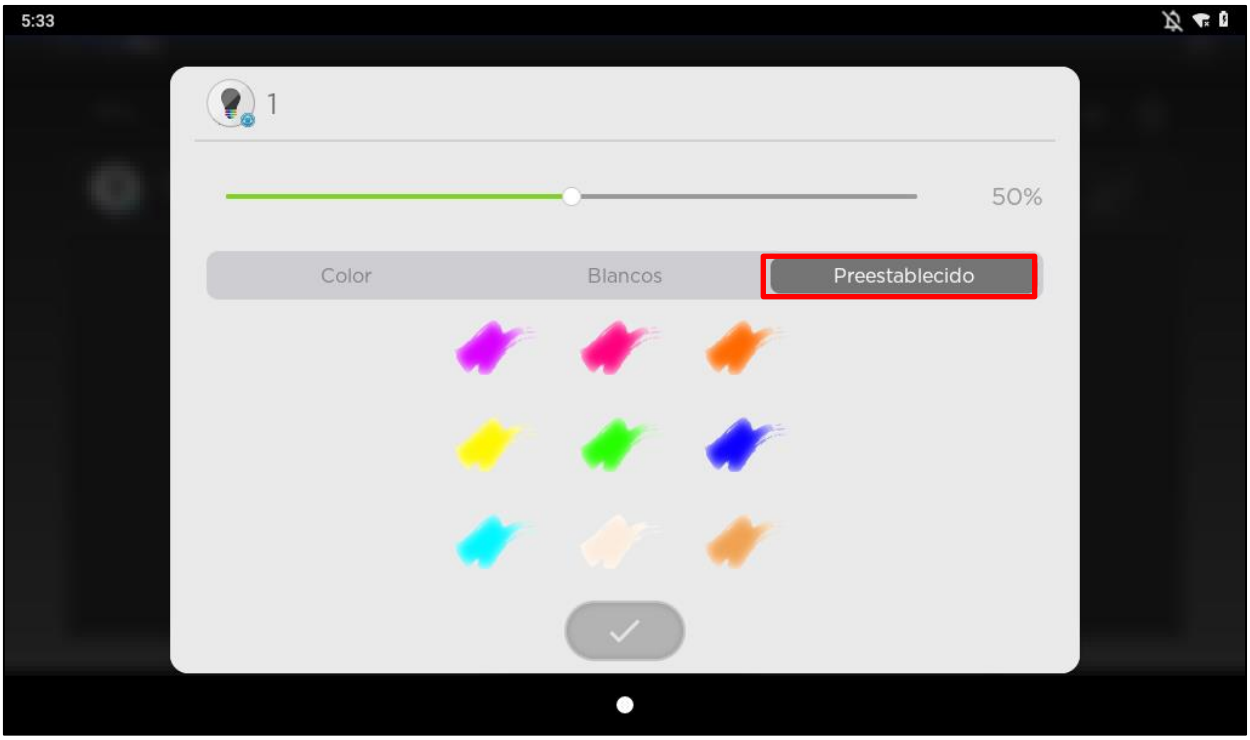
Color: Tap the color directly to set the group with your desired color.



Whites: Tap the color directly to set the group with your desired color temperature.

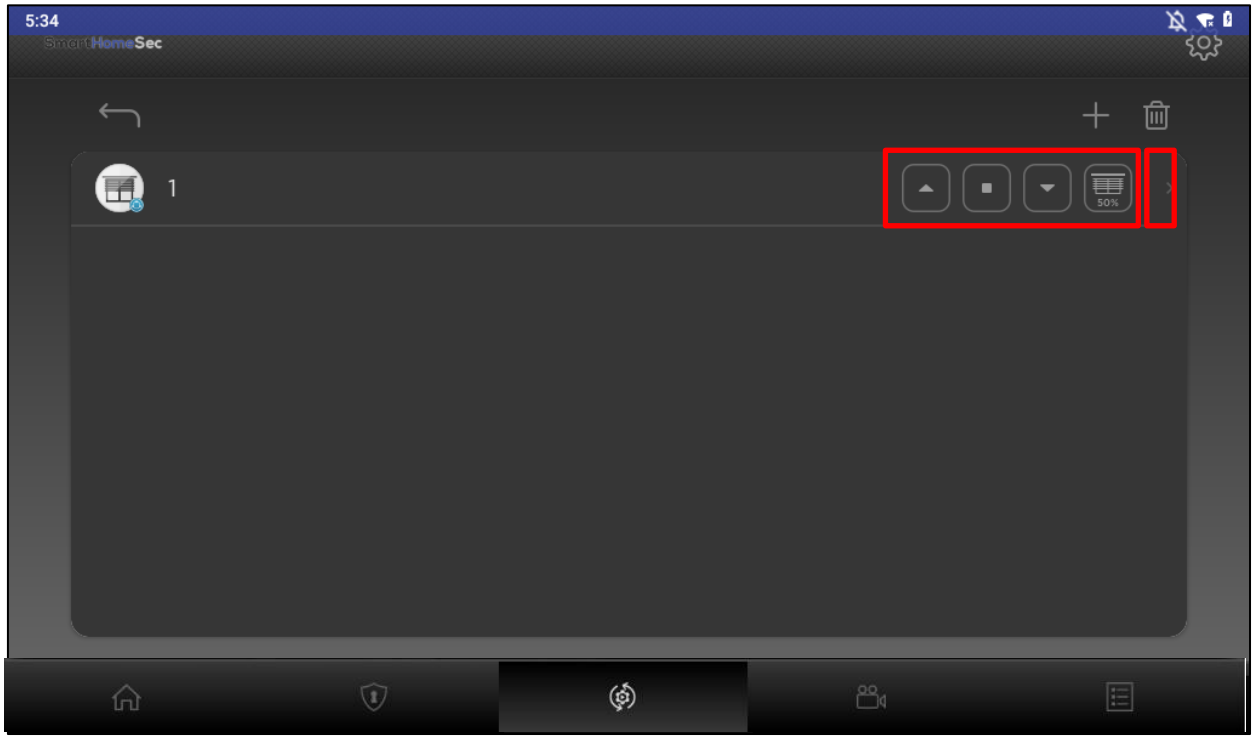


Preset: Tap the color directly to set the group with the preset certain color.

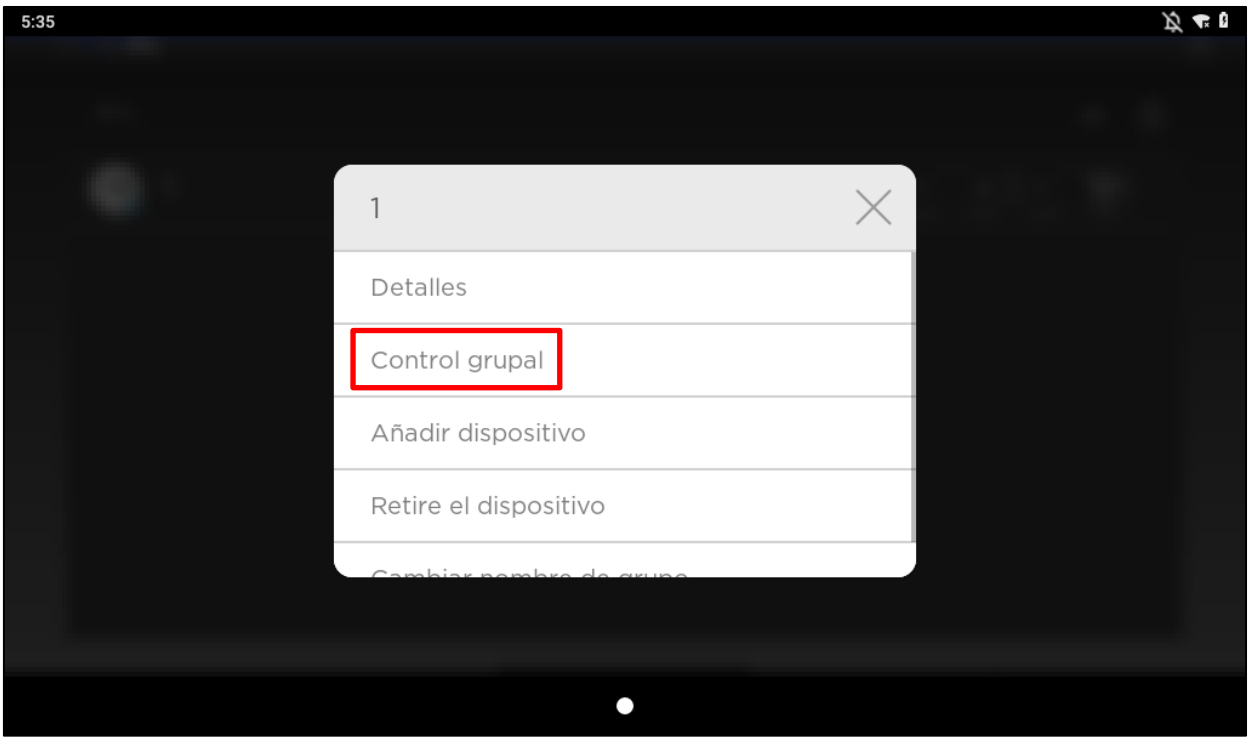


- **Shutter**

Tap  to control Shutter of each group. To view details, control a group, add/remove a device or rename a group, tap  .

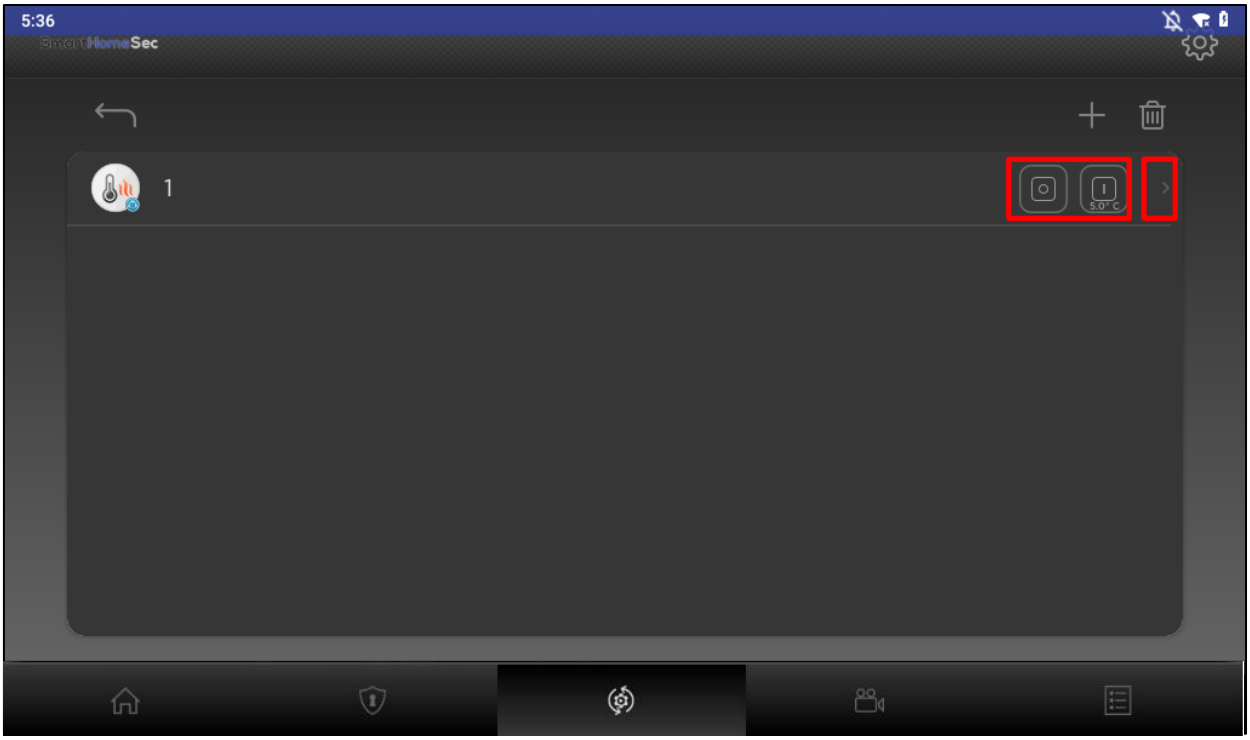


In the Group Control page, the user can control the shutters at a desired level by adjusting the bar

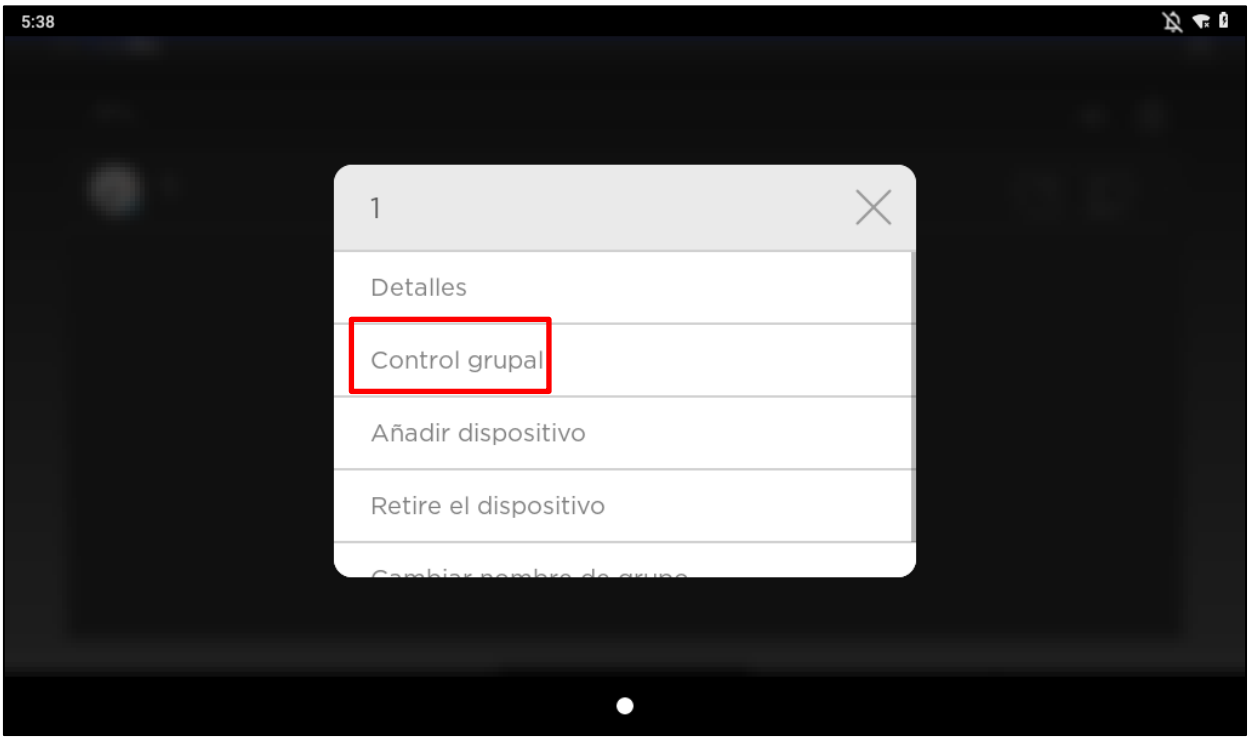


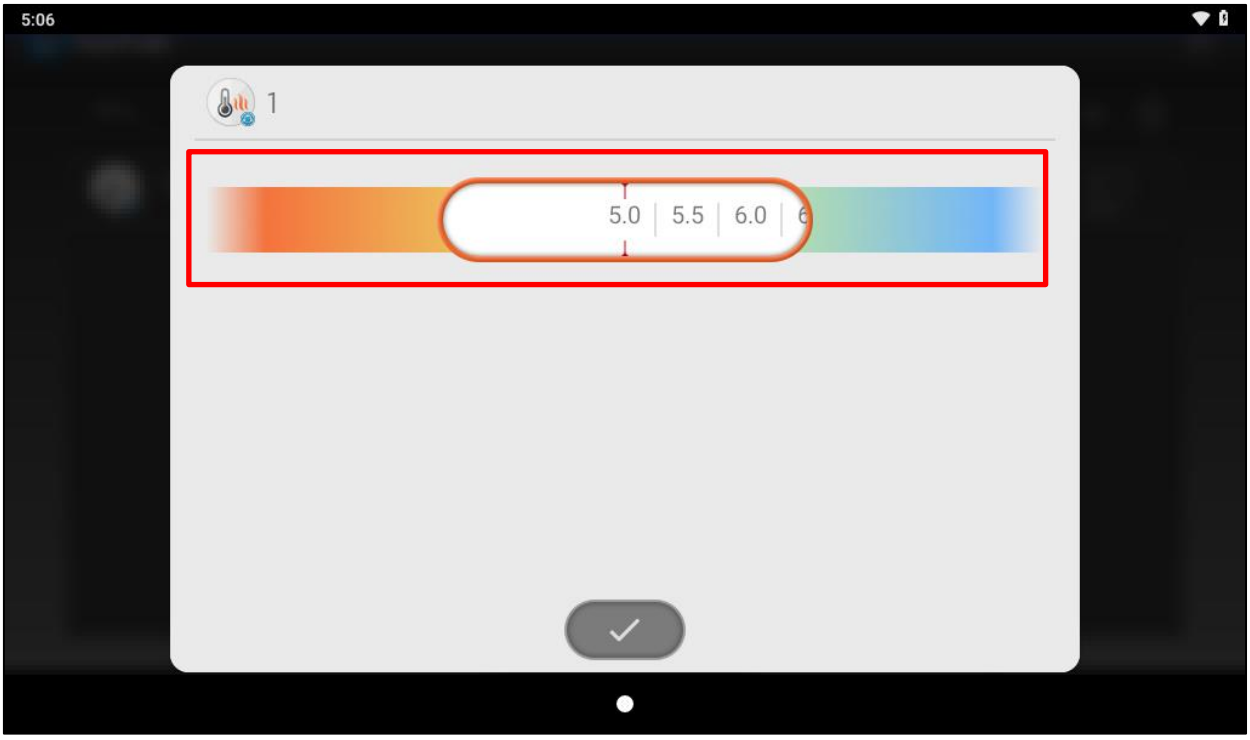
- **Radiator**

Tap  to turn on/off Radiator of each group. To view details, control a group, add/remove a device or rename a group, tap  .



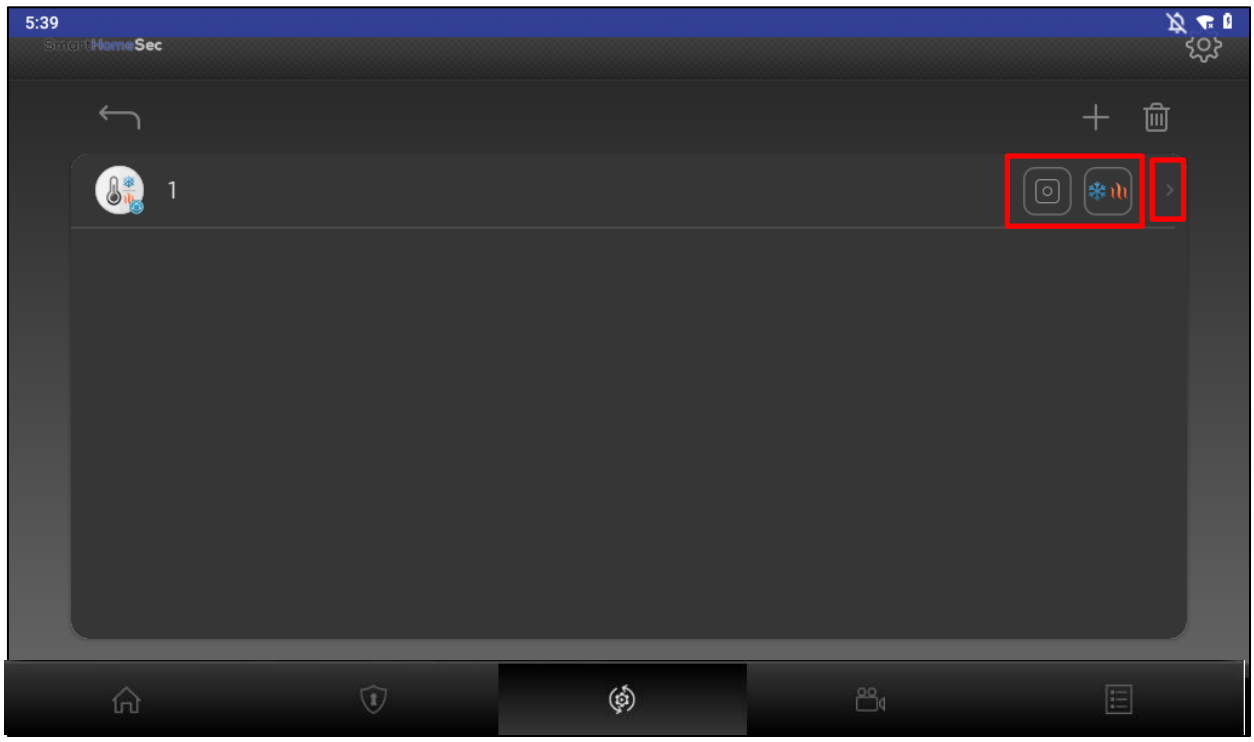
In the Group Control page, the user can control the radiator by adjusting the bar. The mode set points are displayed on the bar. Toggle the bar to increase or decrease the mode set points.



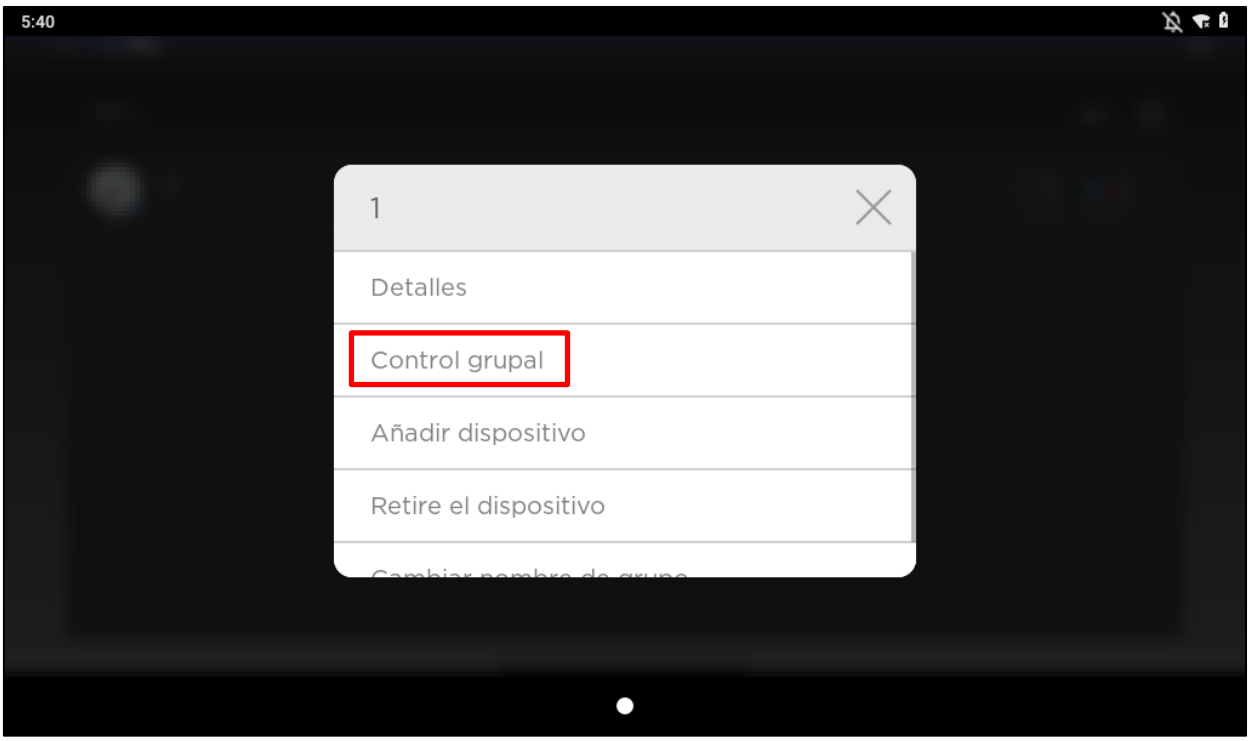


- **Thermostat**

Tap  to turn on/off Thermostat of each group. To view details, control a group, add/remove a device or rename a group, tap  .

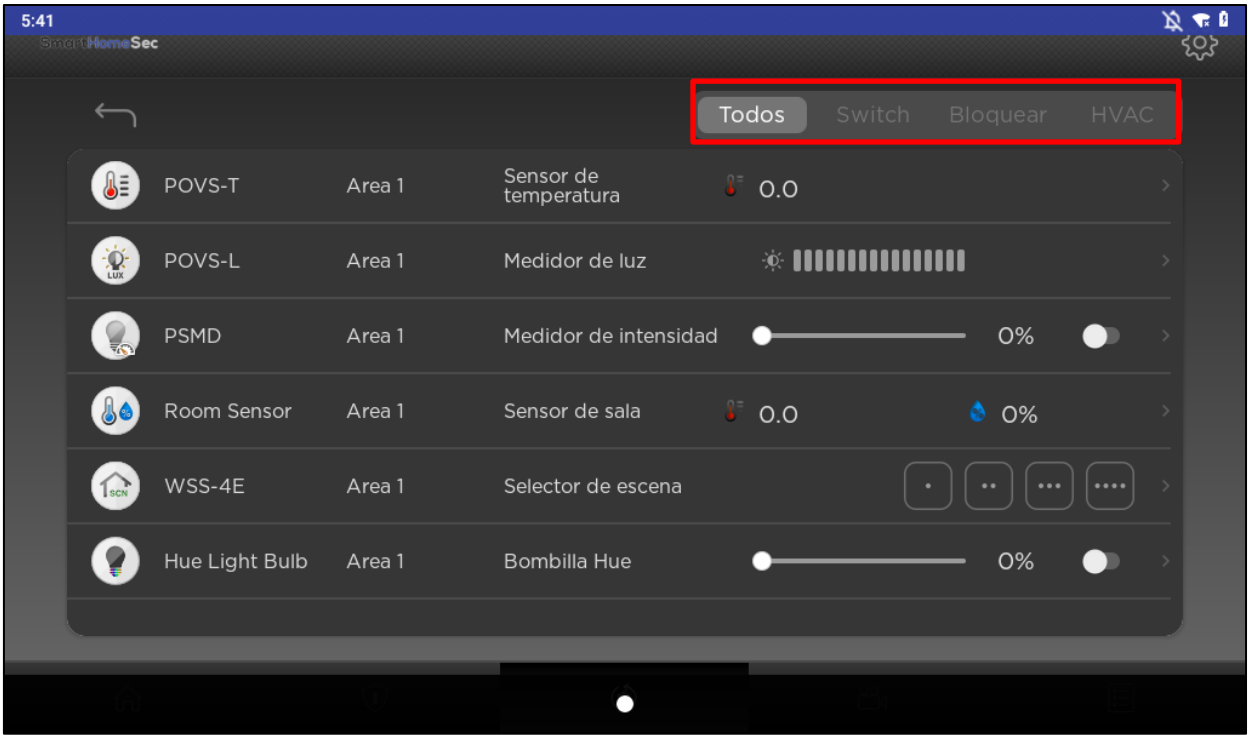


In the Group Control page, the user can check the list of devices and toggle 2 bars to increase or decrease the mode set points. Tap Auto, Cool, Heat, Away button to change the modes.

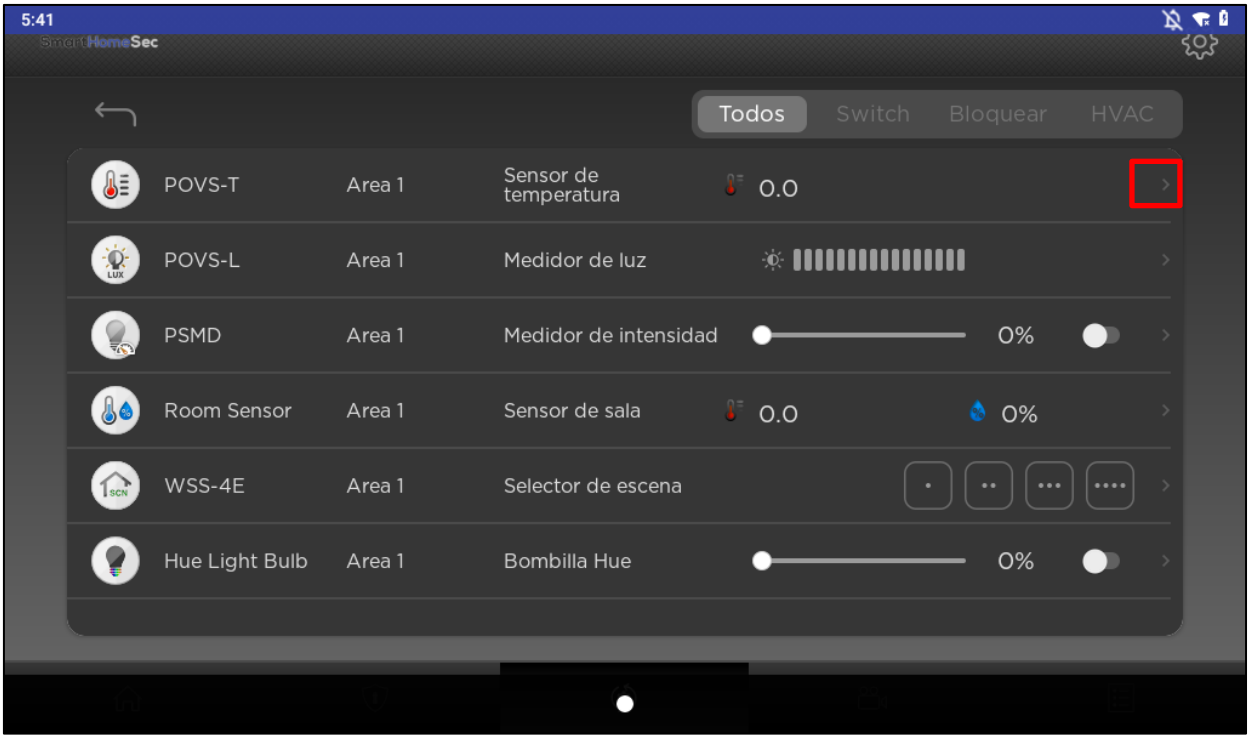


3.3.4. Automation Device

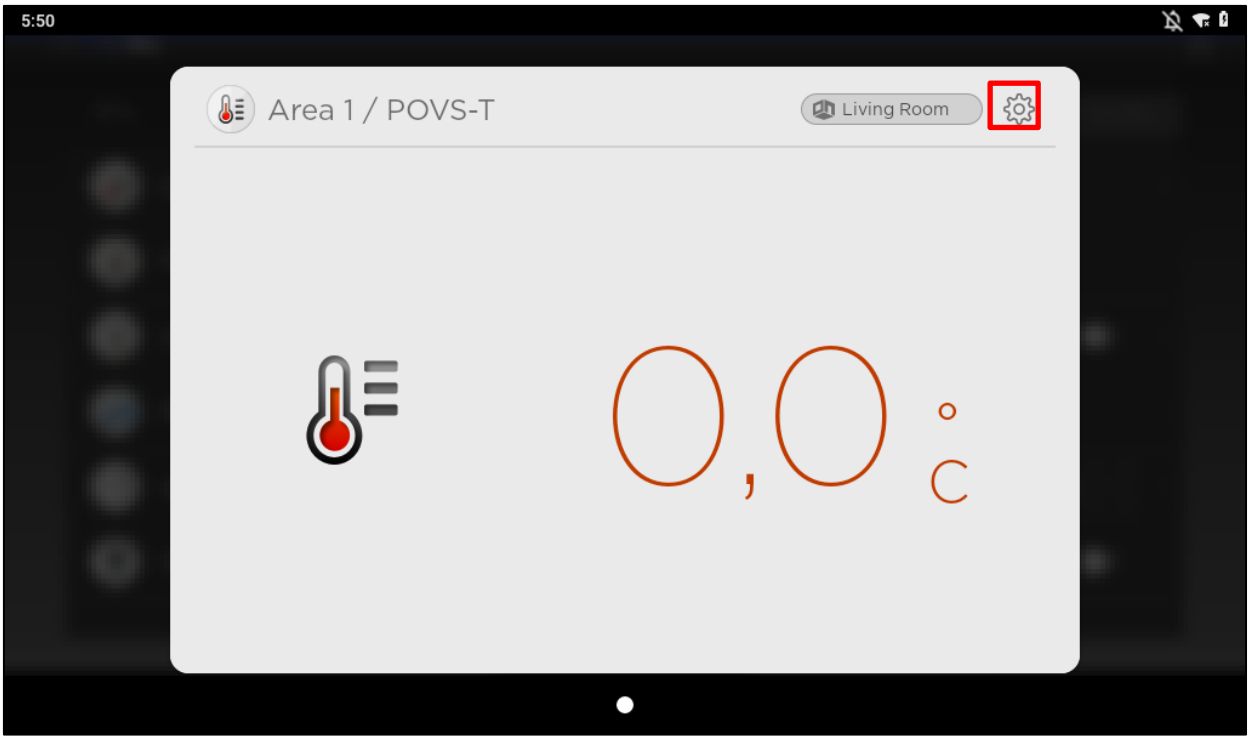
Home Automation devices are displayed under different tabs according to following categories: **All, Switch, Lock, and HVAC**. The device list under the category tab displays all available devices according to each different category. Tap the device category tab to view the devices.

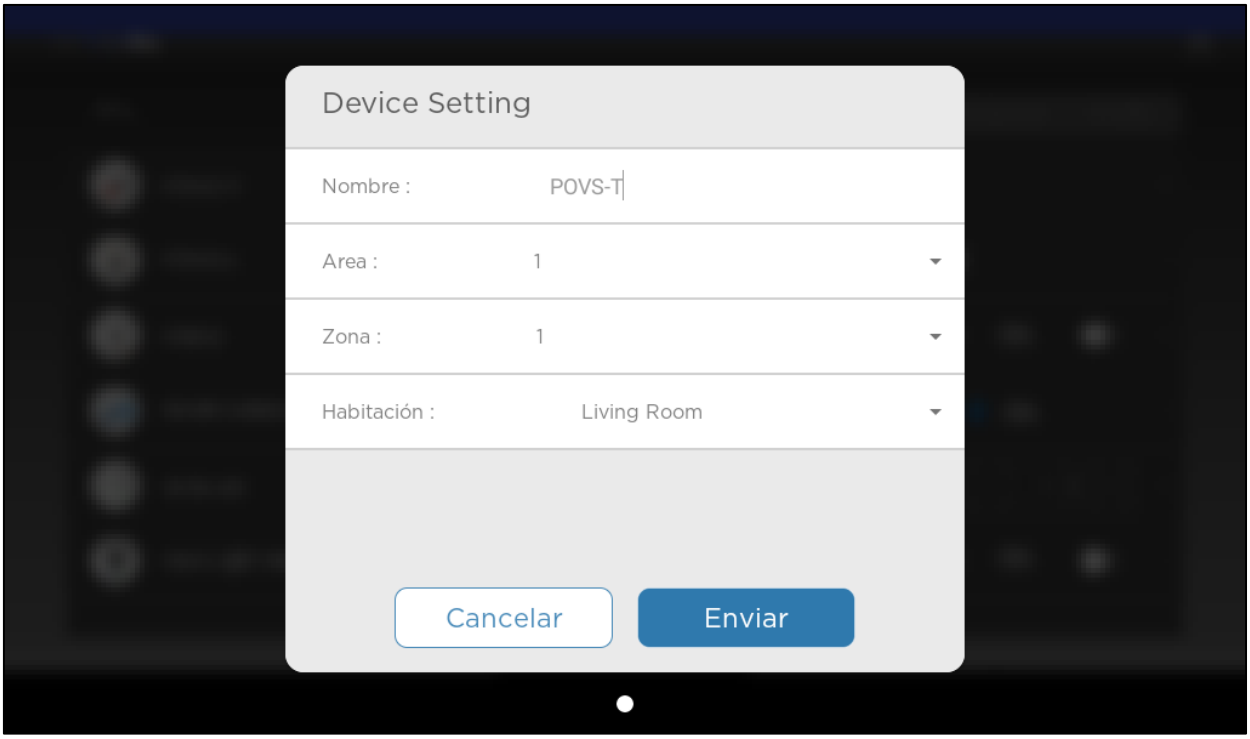


- **All:** All devices are displayed.
- **Switch:** Power Switch and Relay Switch.
- **Lock:** Door Lock.
- **HVAC:** Temperature control related devices, such as Thermostat, and Thermostatic Radiator Valve.
- The device list displays device information:
  - ☞ Device Status will be displayed in each device column.
  - ☞ Switch type device will display current on/off condition.
  - ☞ Lock will display Locked/Unlocked status.
  - ☞ Power Switch with Meter will display current wattage and accumulated power consumption.
  - ☞ Dimmer will display current power output level.
  - ☞ Temperature and Humidity sensor will display temperature and humidity reading.
- Use the device column to control each device or check detail information.
  - ☞ For Switch or Locks, click the ON/OFF or LOCK/UNLOCK icon to toggle its status.
  - ☞ For Dimmer, either click the ON/OFF icon to toggle or click the bar to adjust the output percentage.
  - ☞ For the devices with more detailed control options, tap the icon  to enter the device's own control page.



After entering the device's individual control page, the user can tap  to edit device's name, area, page and room.





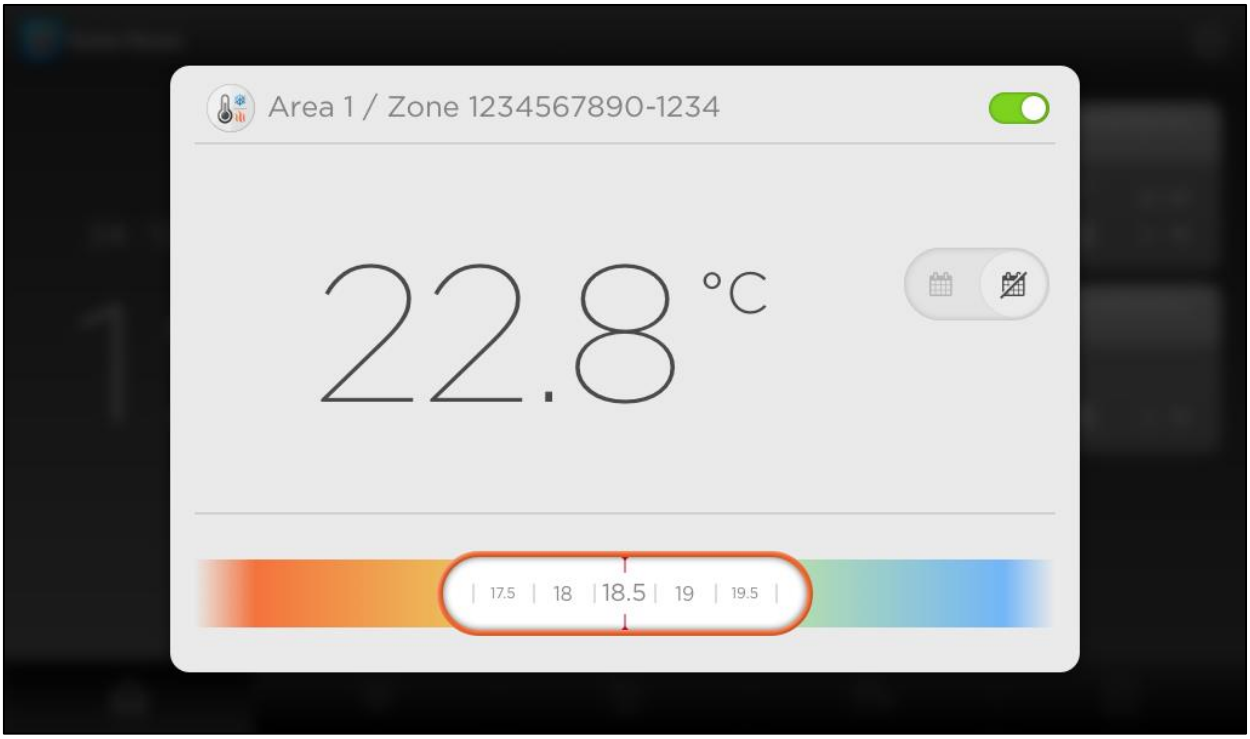
☞ For Thermostat, click the icon to access configuration page:

- The current temperature is displayed on the center. The mode set points are displayed on the bar at the bottom. Toggle the bar to increase or decrease the mode set point.
- On/Off button: Turn on/off of the Thermostat.
- Away button: Toggle the button to put the TMST into Away mode.
- Schedule button: Enable/Disable the Schedule operation:
  - Enable: The Thermostat will operate according to schedule configuration.

- Disable: The Thermostat will ignore all programmed schedule setting.

- Fan switch button: Turn on the Fan manually, or set Fan to Auto.
- Heat/Cool/Auto mode button: Press and hold the button to change the mode.

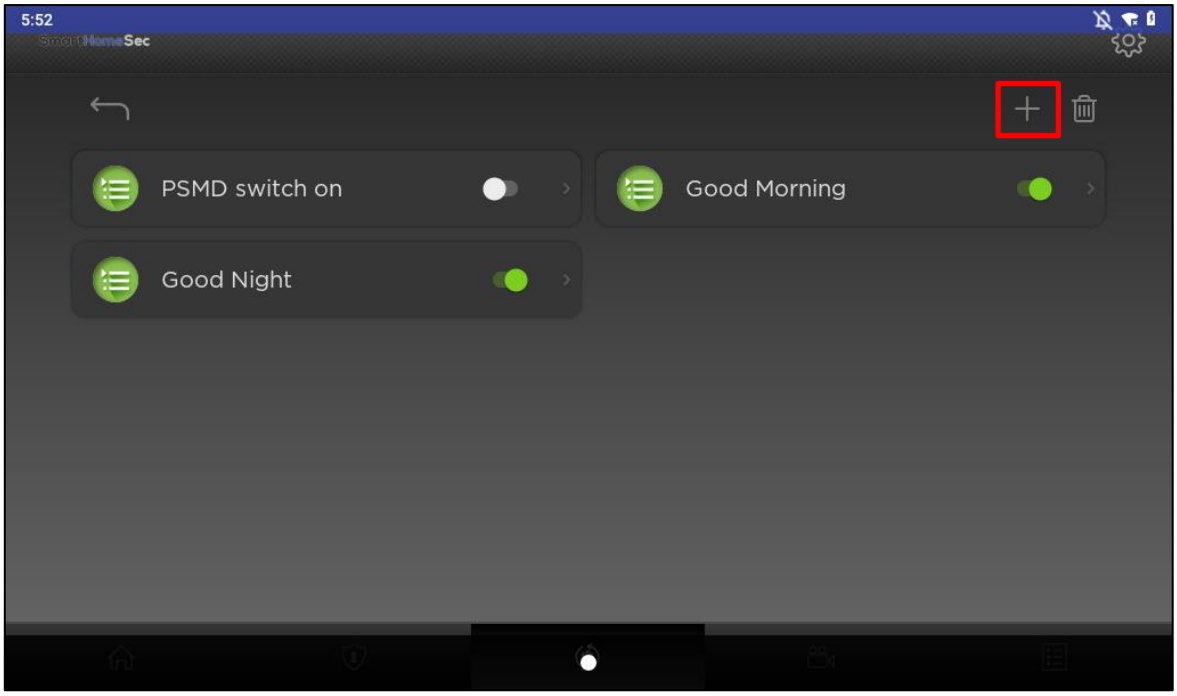
☞ For Thermostatic Radiator Valve, click the icon ❯ to access its configuration page:



- The current temperature is displayed on the center. The mode set points are displayed on the bar at the bottom. Toggle the bar to increase or decrease the mode set point.
- On/Off button: Turn on/off of the Thermostatic Radiator Valve.
- Schedule button: Enable/Disable the Schedule operation:
  - Enable: The Thermostatic Radiator Valve will operate according to schedule configuration.
  - Disable: The Thermostatic Radiator Valve will ignore all programmed schedule setting.

3.3.5. Rule

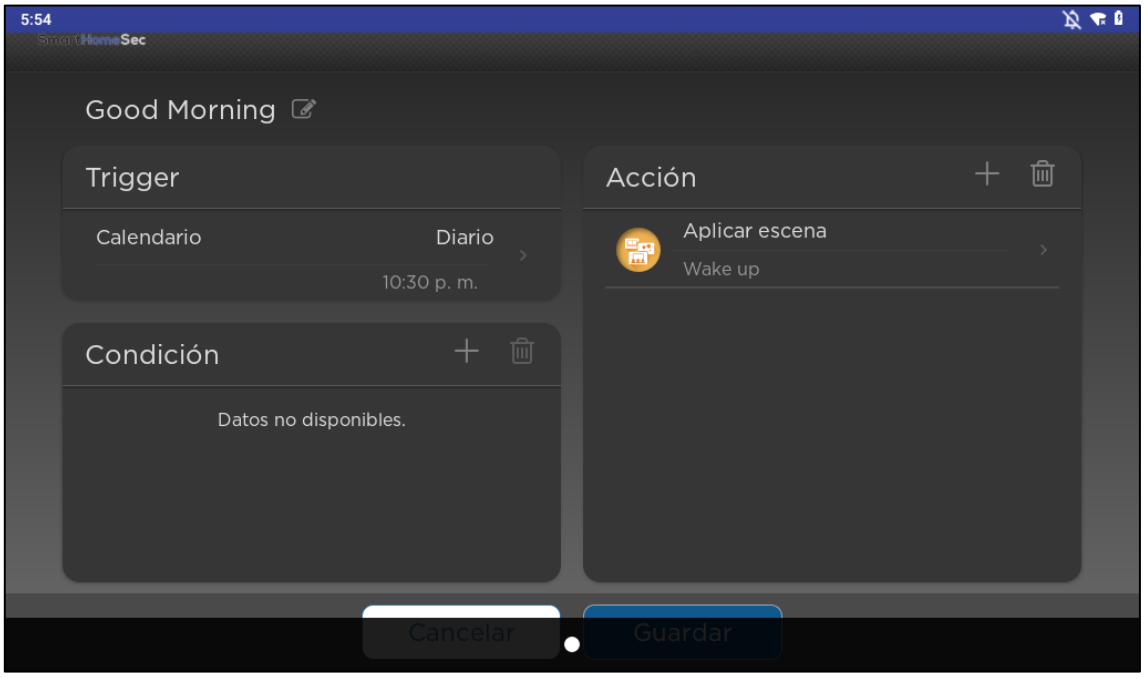
The Rule subpage allows you to set a list of rules under certain condition(s). For example, you can determine which device to be triggered at a pre-programmed lux level range, temperature range, or schedule. You can also select the action type to be performed, or simply apply the scene previously created under the Scene subpage.



Step 1. Click “Add rule” or the  icon to access Add Rule menu.

Step 2. You can enter up to 31 characters as your Rule Name.

Step 3. To set up a Rule, choosing a Trigger Type from the drop down menu is indispensable. Up to 25 trigger types are available. The options available are dependent upon learnt device(s) in the Control Panel and 1 trigger type can be associated with each rule.



- Mode Change: The system will change to the disarm/full arm/home arm mode as specified.
- Mode Change and Exit Timer Stopped: When the system changes to the mode as specified and Exit Timer expires, the rule will be activated according to rule condition and execution setting.
- Mode Change and Entry Timer Start: When the system begins to countdown Entry Delay, the rule will be activated according to rule condition and execution setting.
- DC Open: When the Door Contact is open in specified zone.
- DC Closed: When the Door Contact is closed in specified zone.
- DC Open for a While: When the Door Contact is open for a preset duration in specified zone.
- DC Closed for a While: When the Door Contact is closed for a preset duration in specified zone.
- Motion Detected: When movements are detected by Motion Sensor in specified zone, the rule will be activated according to rule condition and execution setting. (SVGS Glass break Sensor supports Motion Detected as a rule trigger).
- Motion Restored: When movements detected by Motion Sensor in specified zone become static, the rule will be activated according to rule condition and execution setting.
- Scene Button Pressed: When the Scene Button is pressed to activate sensors in specified zone.
- Trigger Alarm: Choose to activate a specified Alarm Sensor in specified zone.
- Schedule: The system will follow the schedule time to respond accordingly.
- Temperature Above: If the temperature detected by specified temperature sensor exceeds set threshold, the rule will be activated according to rule condition and execution setting.
- Temperature Below: If the temperature detected by specified temperature sensor drops below set threshold, the rule will be activated according to rule condition and execution setting.
- Humidity Above: If the humidity reading from specified room sensor rises above the level specified, the rule will be activated according to rule condition and execution setting.
- Humidity Below: If the humidity reading from specified room sensor falls below the level specified, the rule will be activated according to rule condition and execution setting.
- Lux Above: If the lux reading from specified light sensor rises above the level specified, the rule will be activated according to rule condition and execution setting.
- Lux Below: If the lux reading from specified light sensor falls below the level specified, the rule will be activated according to rule condition and execution setting.
- Power Consumption Above: If the power output watt from a specified Power Switch exceeds set threshold, the rule will be activated according to rule condition and execution setting.
- Air Quality Index: If the Air Quality Index from specified air quality sensor rises above the level specified, the rule will be activated according to rule condition and execution setting.
- Air Quality CO2: If the CO2 reading from specified air quality sensor rises above the level specified, the rule will be activated according to rule condition and execution setting.

- DI/DO(DI) Opened: When the loop opens, the terminal will activate sensor in specified zone.
- DI/DO(DI) Closed: When the loop closes, the terminal will activate sensor in specified zone.
- DIO52(DI) Status for 0: Users can select input action type. This indicates the device is inactive.
- DIO52(DI) Status for 1: Users can select input action type. This indicates the device is active.

Step 4. Choose a desired Condition Type (optional) from the dropdown menu. The options available are dependent upon learnt device(s) in your Control Panel.

- None: Set up a Rule without choosing any condition.
- Mode: The system will change to the disarm/full arm/home arm mode as specified.
- Temperature Range: If the temperature detected by specified temperature sensor falls/rises within the range specified, the rule will be activated according to rule condition and execution setting.
- Lux Level Range: If the lux reading from specified light sensor falls below the level specified, the rule will be activated according to rule condition and execution setting.
- Time Period: The system will follow the schedule time to respond accordingly..
- Alarm: Users can specify the rule to perform the action when a trigger is detected AND an alarm is ON. For example, an emergency light will be turned on when there is an alarm and a door contact is open at the same time.

Step 5. You can create a new Condition type by clicking the  icon. To remove an existing Condition type by clicking the  icon.

Step 6. Choose a desired Action Type from the drop down menu. You can also apply a pre-programmed Scene under Rule function.

Up to 11 options of action types are available. The options available are dependent upon learnt device(s) in your Control Panel.

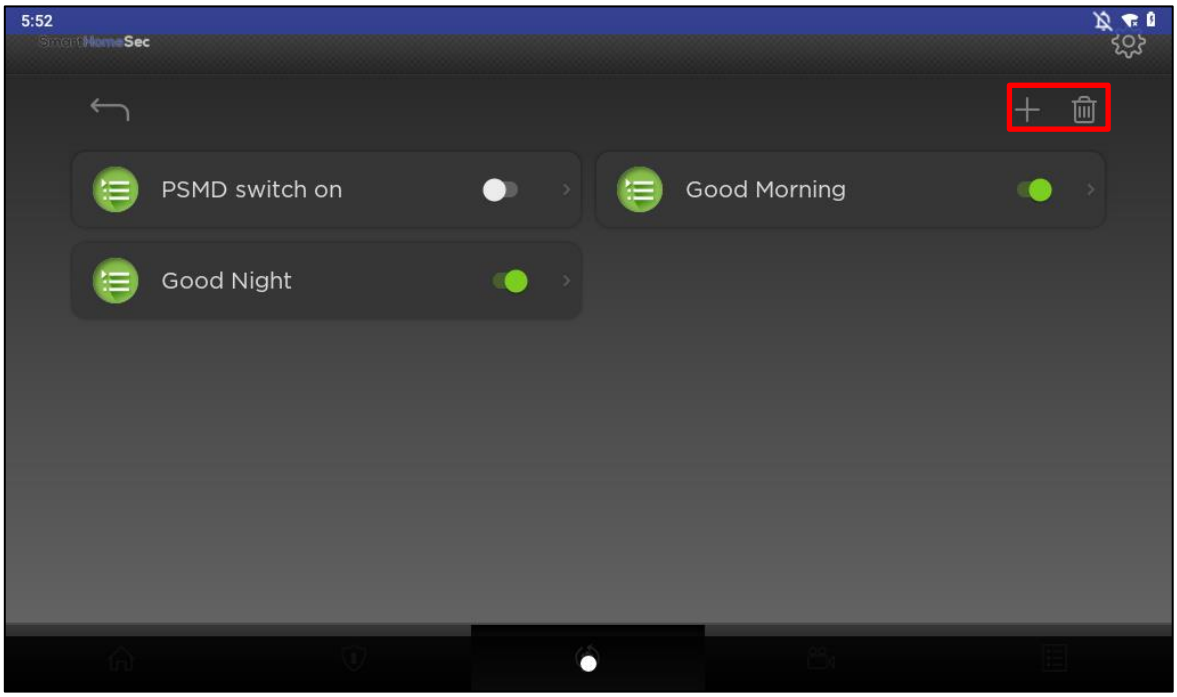
- Device Action: To toggle on/off, switch on/on for/on until/off, open, or close a device in specified zone.
- Group Control: The Group function allows the user to control the same type of devices.
- Change Mode: The system will change to the mode as specified.
- Alarm: The system will trigger an alarm sensor in specified zone.
- Apply Scene: The system will execute the preprogrammed Scene Number.
- Request Video: The PIR Video Camera or IP Camera in specified zone will record a video.
- Request Video (All): All PIR Video Cameras and IP Cameras in the system will record a video.
- Request Image: The PIR Camera in specified zone will take a picture.
- Request Image (All): All PIR Cameras in the system will take a picture.
- Request Image (No flash): The PIR Camera in specified zone will take a picture without activating its LED flash.
- Request Image (All, No flash): All PIR Cameras in the system will take a picture without activating its LED flash.

Step 7. You can create a new Action type by clicking the icon.

To remove an existing Action type, simply click the icon.

Step 8. Click “Save” to confirm scene setting. The Rule page will be updated with the new Scene.

Step 9. You can click the icon on top right of the List menu to create a new list. To remove an existing Rule, simply click the icon.



- Enable/Disable Rule

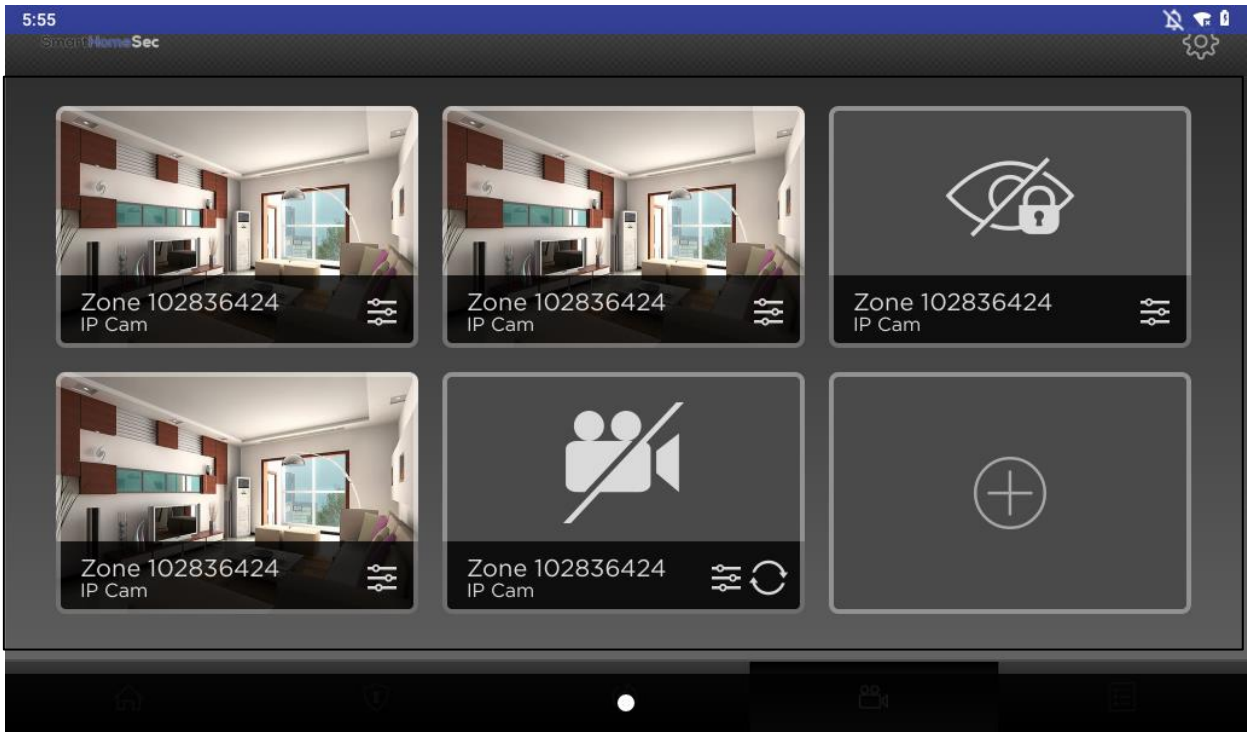
You can toggle on/off the icon to enable/disable the rule.

- Edit Rule

To edit an existing rule, click the icon to view rule content.

3.4. Cam

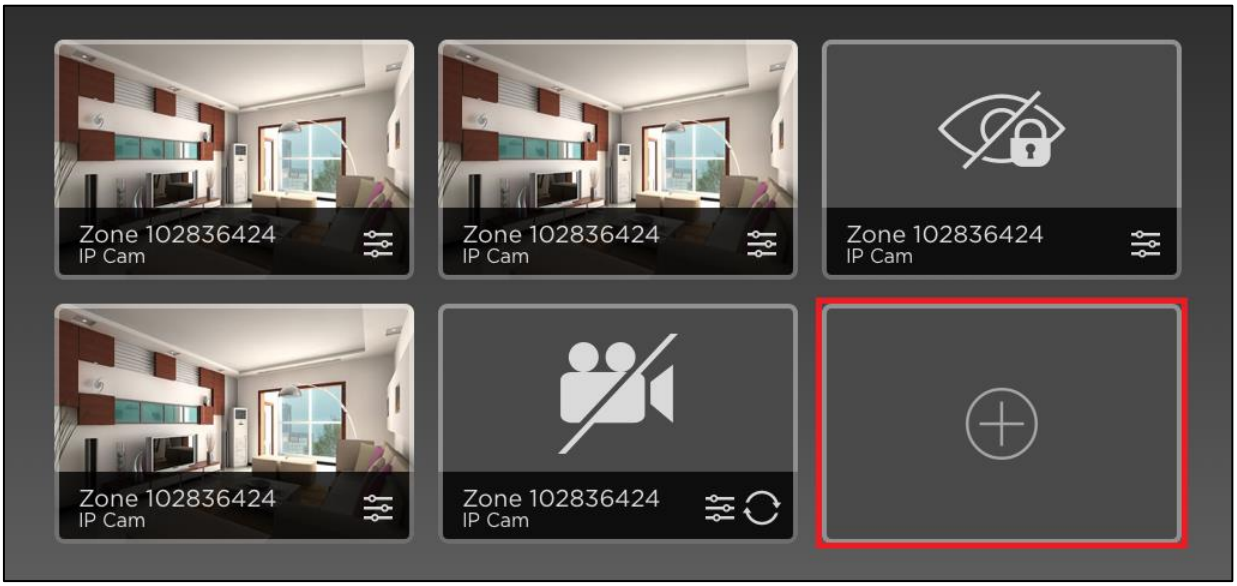
The page provides access to VDP and IP Camera live streaming video.



- Privacy mode: The icon indicates that the IP Cam is now in privacy mode.
- No connection: The icon indicates that the connection is lost between Touchscreen Keypad and the device.

3.4.1. Add New VDP

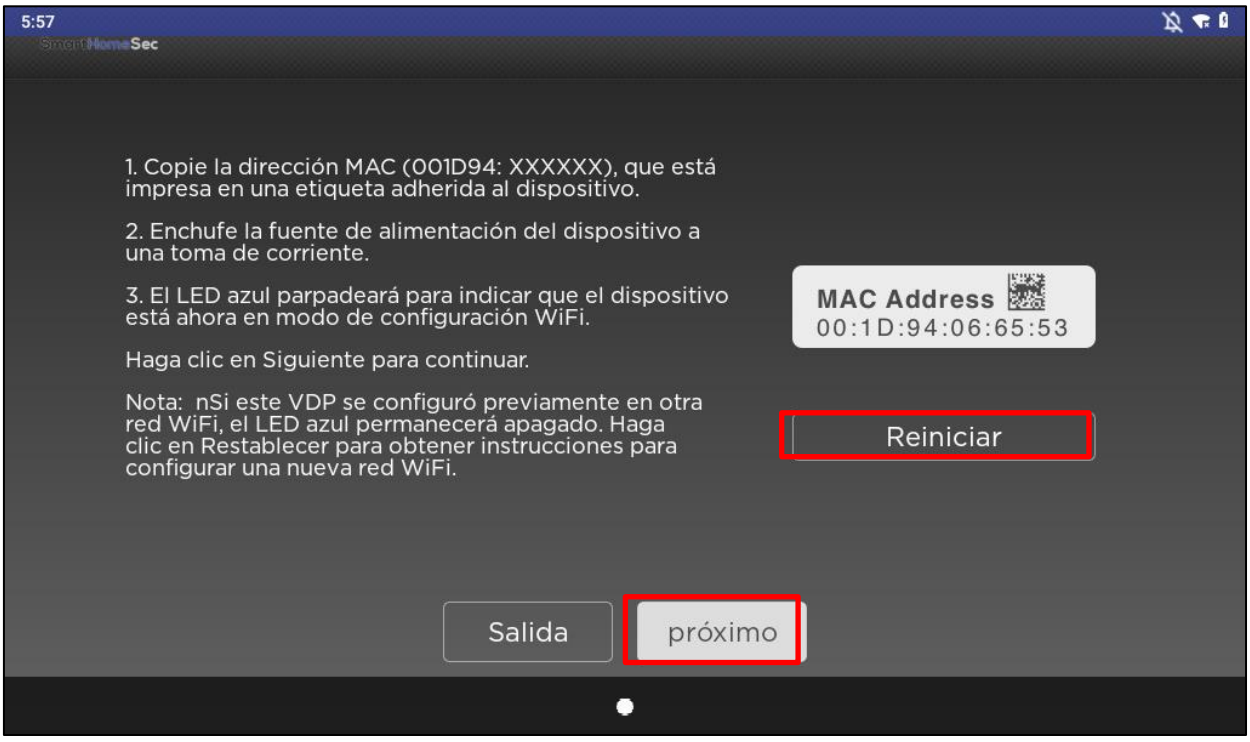
Step 1. Tap the icon to add a new VDP.



Step 2. Select the icon of VDP and tap “Next.”

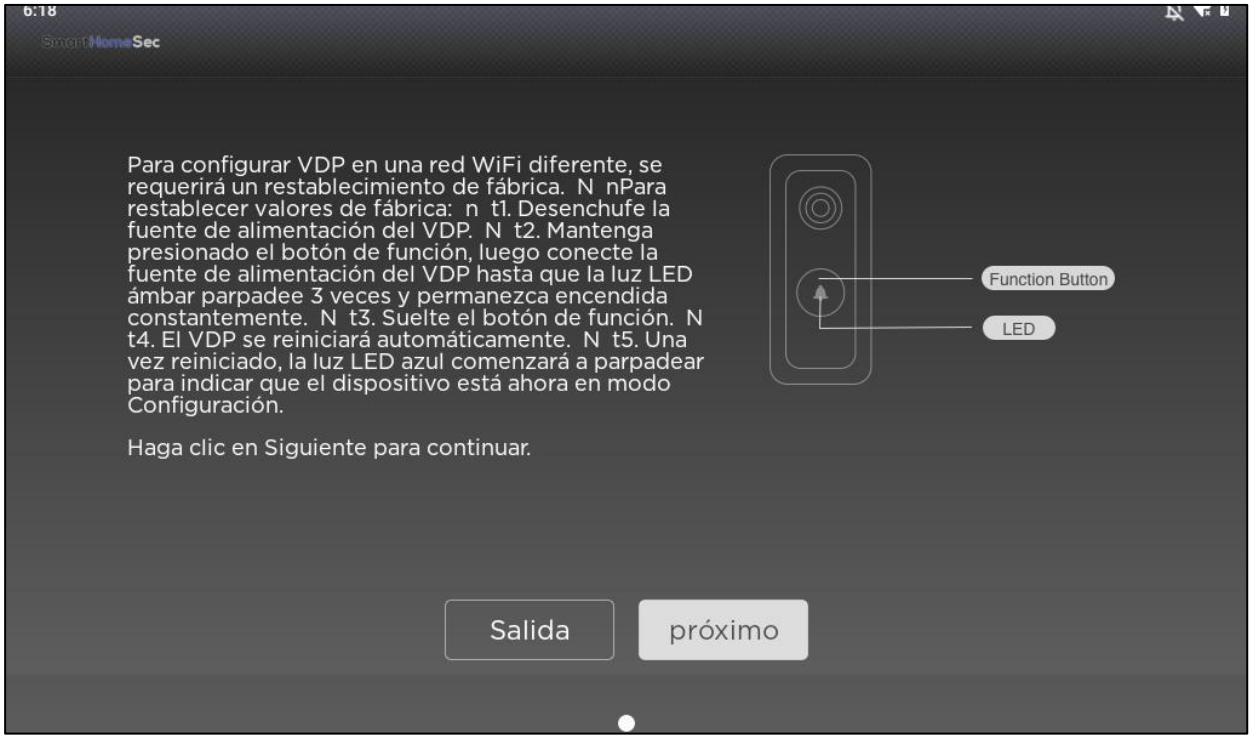
Step 3. Follow the instruction of adding a new VDP on the next page. Tap “Next” to continue.

Tap “Reset” if your VDP is previously set up to another Wi-Fi network.



<NOTE>

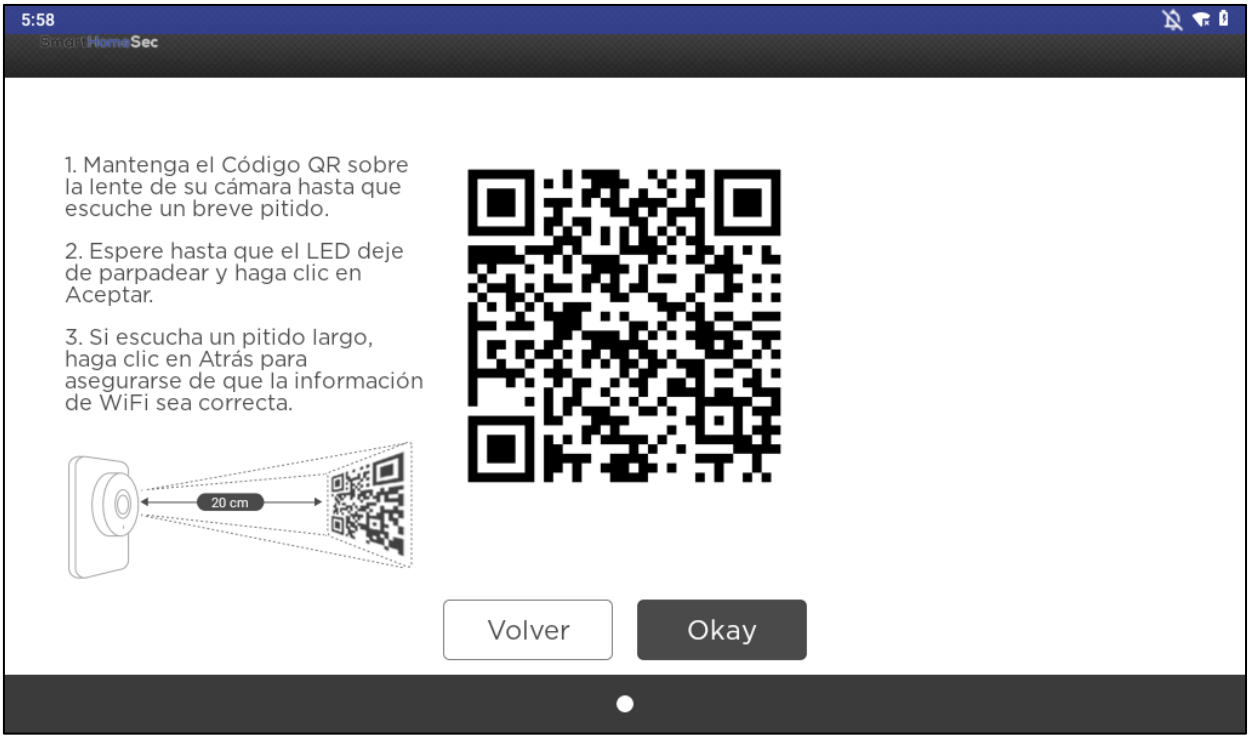
☞ To reset the VDP, please follow the instructions on the next page.



Step 4. Enter the Wi-Fi SSID information to generator the Wi-Fi QR Code.

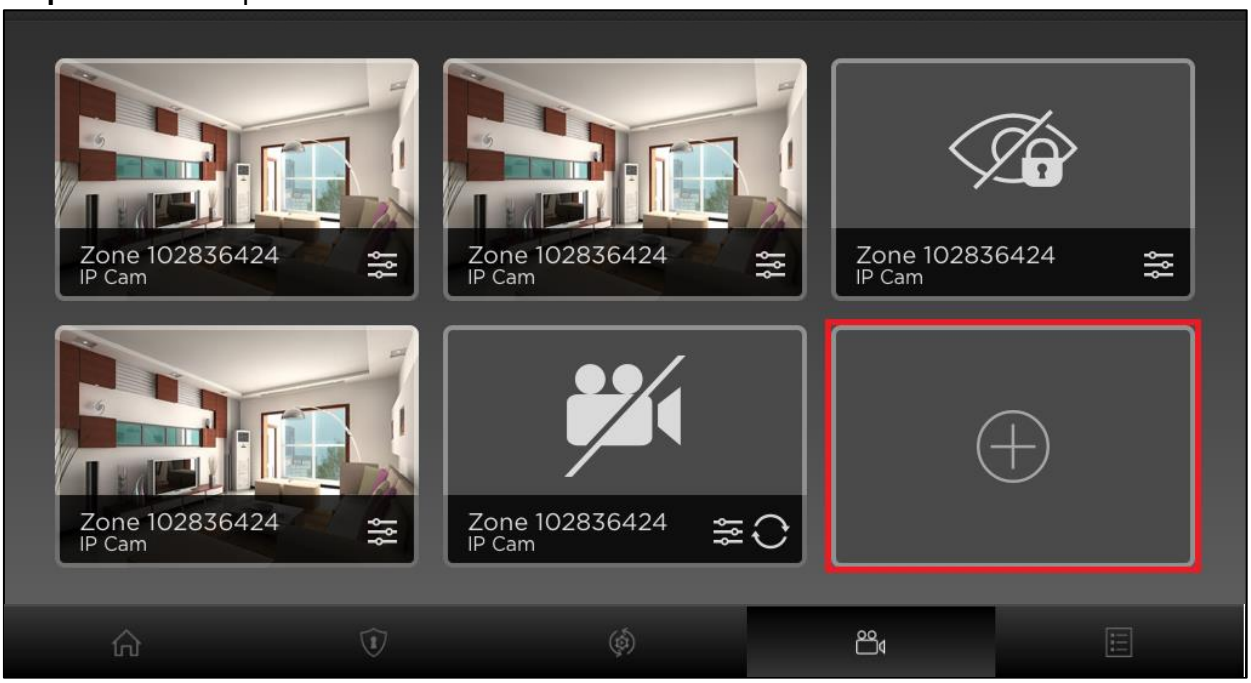
- Wi-Fi SSID: Enter the Wi-Fi SSID of the router that hub is connected to.
- Network Type: Select the network type of your Wi-Fi network.
- Password: Enter the Wi-Fi network password if required
- After finishing all settings, tap “Generate” to generate the QR code.

Step 5. Follow the instructions on the page to generate the QR Code for the device to scan. When the VDP is successfully added, the device will be displayed on the cam list.



3.4.2. Add New IP Cam

Step 1. You can tap the icon to add a new IP cam.



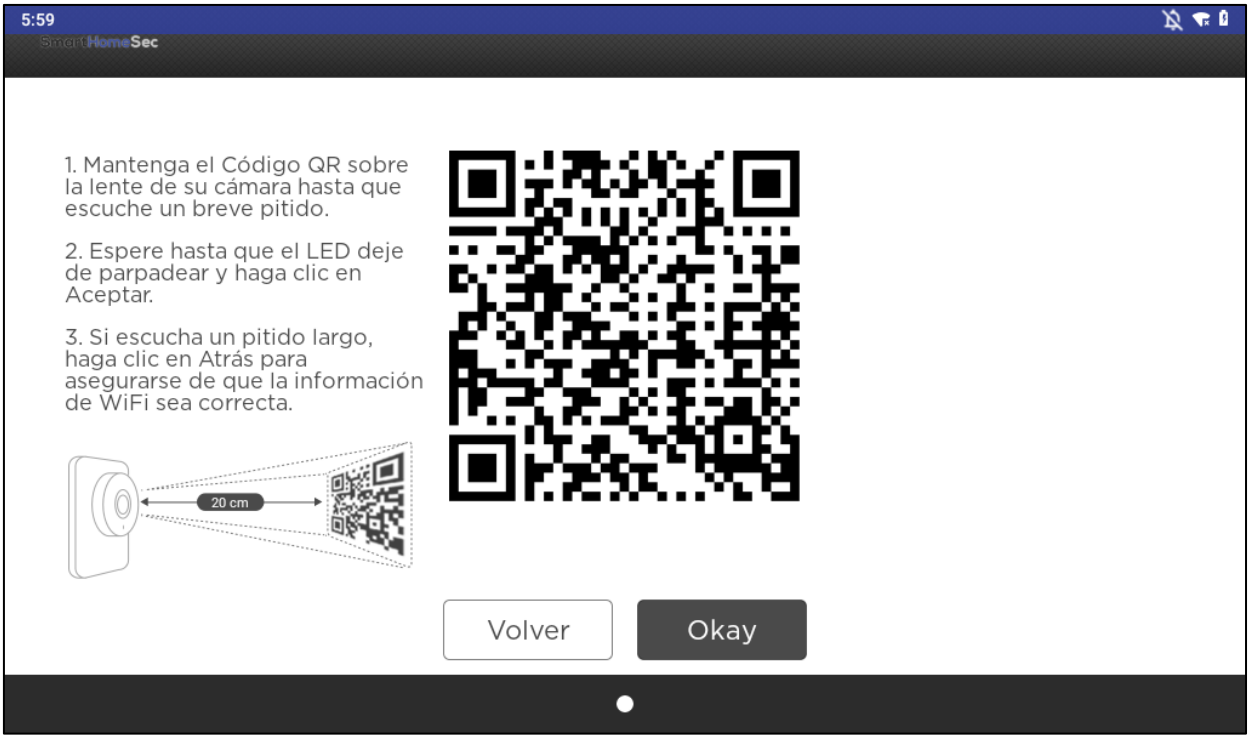
Step 2. Select the icon of IP Cam and tap “Next.”

Step 3. Follow the instructions of adding a new IP Cam on the next pages. Click “Next” to continue.

Step 4. Enter the WiFi SSID information to generator the WiFi QR Code.

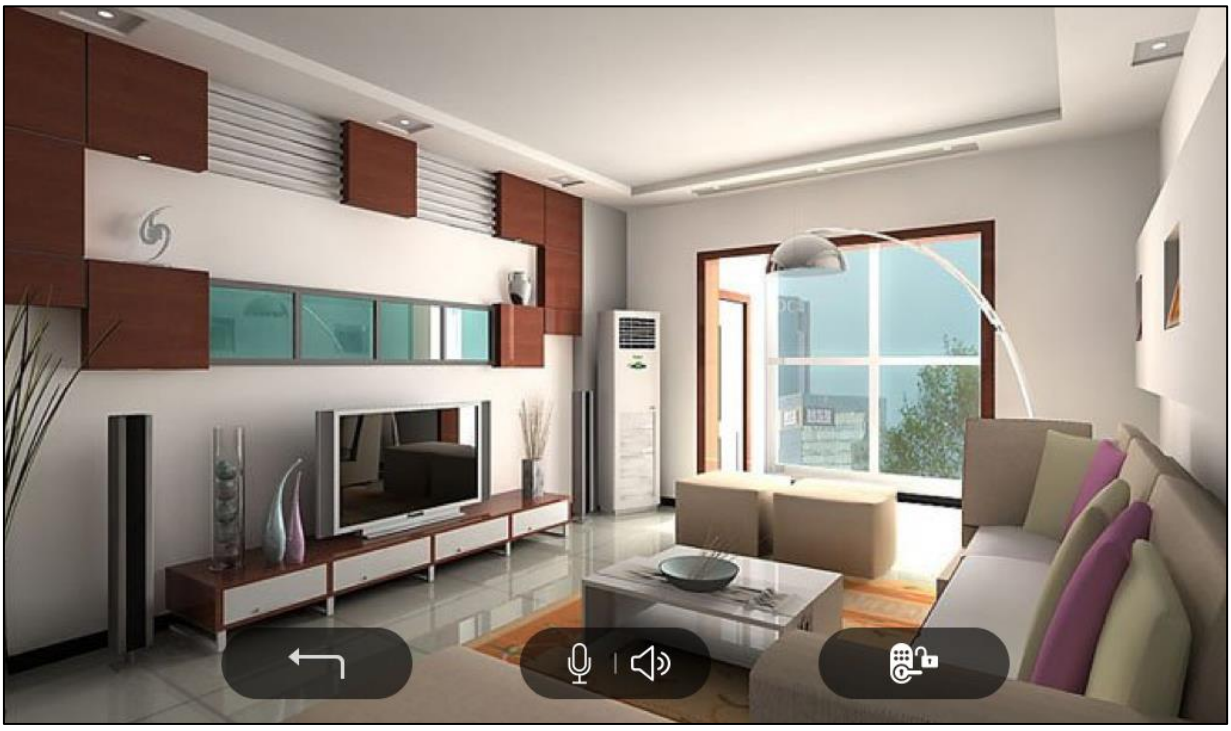
- WiFi SSID: Enter the WiFi SSID of the router that hub is connected to.
- Network Type: Select the network type of your WiFi network.
- Password: Enter the WiFi network password if required
- After finishing all the settings, click “Generate” to generator the QR code.

Step 5. Follow the instructions on the page to generate the QR Code for the device to scan. When the VDP is successfully added, the device will be displayed on the cam list.



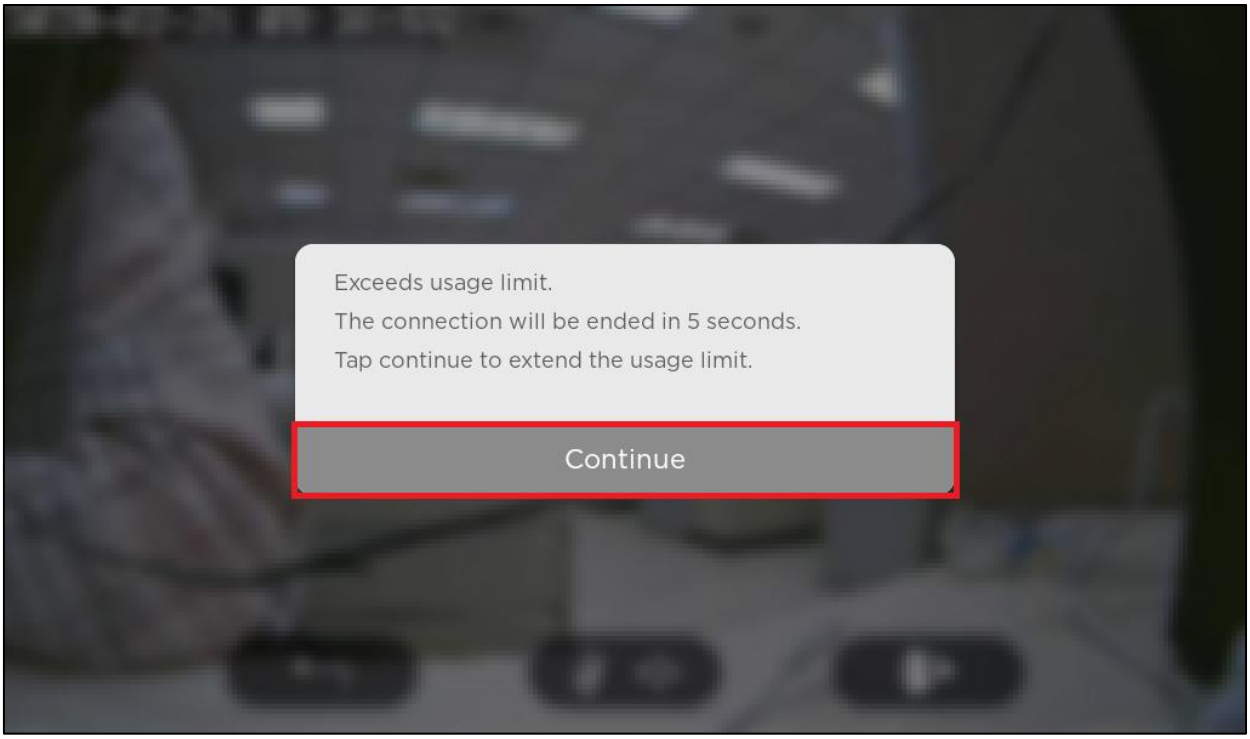
3.4.3. Monitoring Mode

Touchscreen Keypad provides a full screen 3-minute real-time live streaming video. Tap the device you want to check and have a full view on the screen.



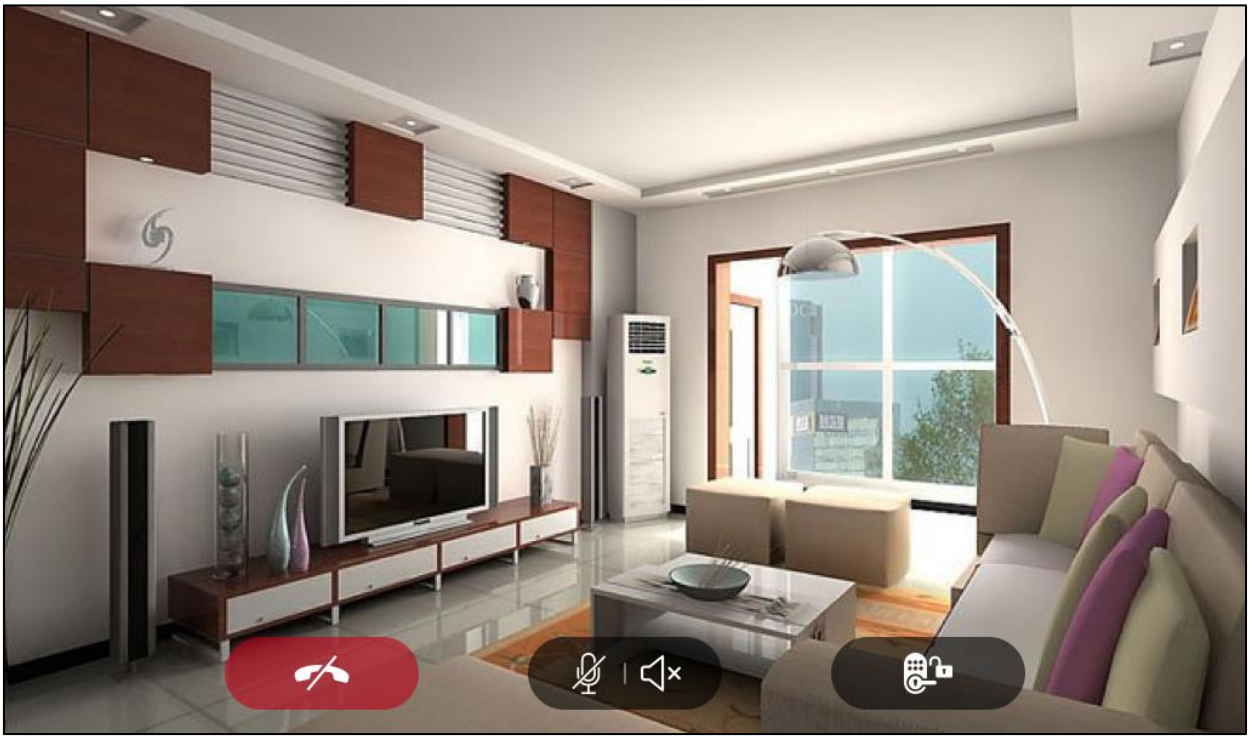
- Listen-in / Talk: When access the monitoring view, tap the button  once to turn on the speaker to listen-in. Tap the button once again to turn on the microphone to talk.
- Unlock the door: Tap the button  to unlock the door.

- Tap the button  to go back to the Cam list.
- There will be a reminder before the duration is going to end. Tap “Continue” to continue the monitoring view.



3.4.4. VDP Communication

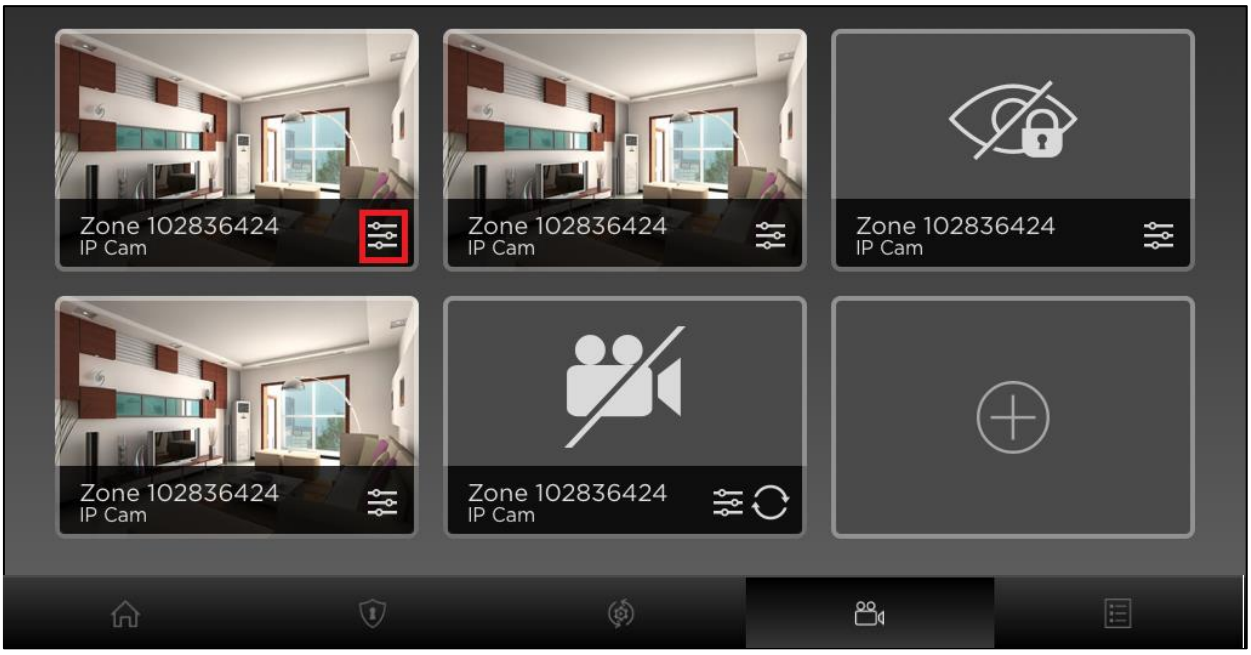
When there is an incoming call from VDP, you can answer it by controlling the buttons on the screen:



- Listen-in / Talk: Tap the button  once to pick up the call. The speaker will be turned on for you to listen-in. Tap the button once again to turn on the microphone to talk.
- Unlock the door: Tap the button  to unlock the door.
- Hang up: Tap the button  to terminate the communication.
- The default duration of the communication is 3 minutes. If the communication needs to be continued, access the VDP on the Cam list to enter the monitoring view.

3.4.5. Cam Settings

To change settings of the IP Cam, click the button  on each device.

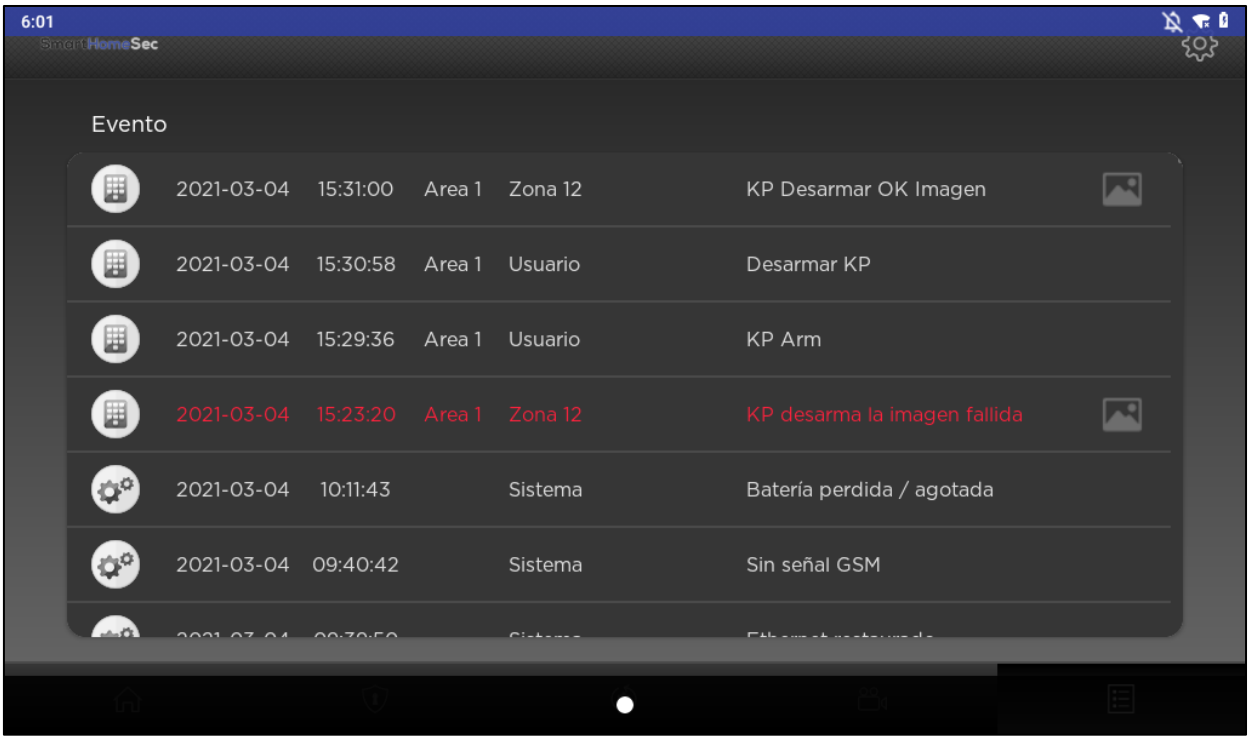


- **Device Name**: Name or rename your device for easy identification. Enter a desired name and tap Submit.
- **Speaker Volume**: Tap the slider to adjust the volume to a desired level.
- **Door lock binding**: Assign the VDP to the relevant door lock.
- **Wi-Fi setup**: Change the Wi-Fi setting of the device.
- **Delete**: Delete the item.


6:01
VDP-3
Area 1 / VDP
Nombre del dispositivo
Volumen del altavoz
Vinculación bloqueo de puerta
Configuración WiFi
Eliminar

3.5. Events

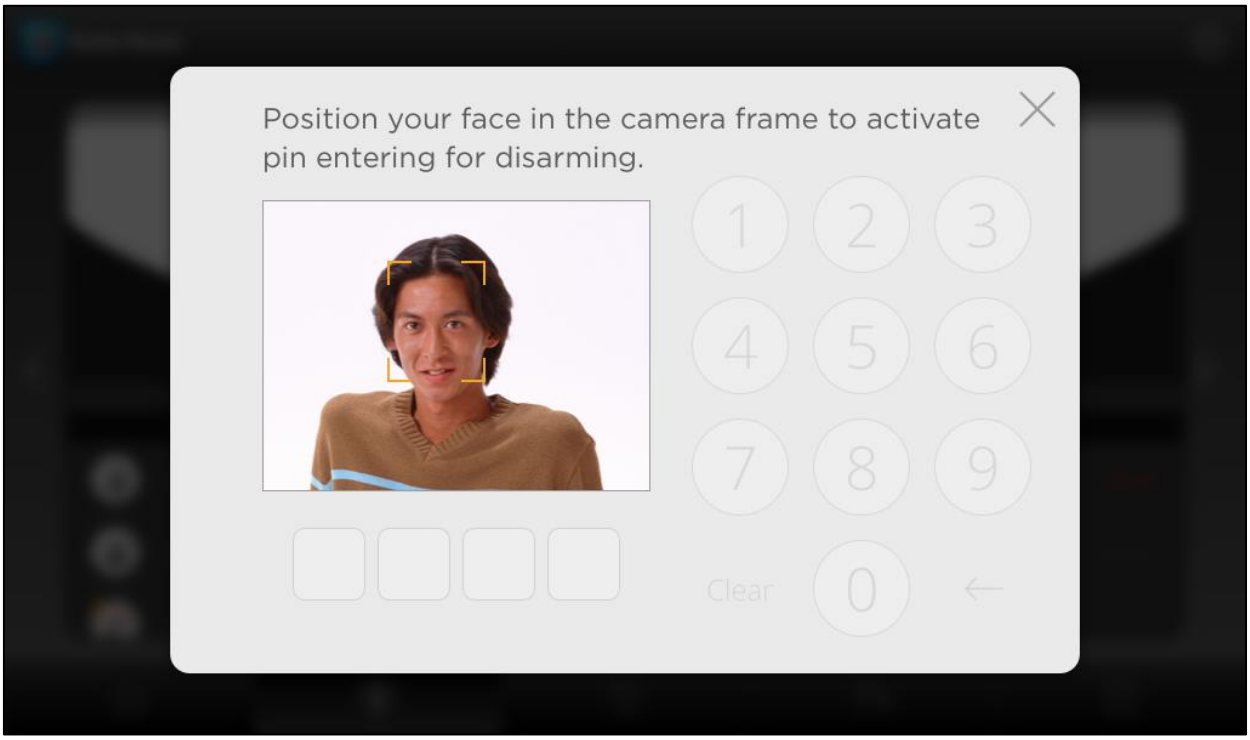
The Event page records all alarm/status event, pictures and video transmitted by the Control Panel. You can view the image or video by tapping the icons.



3.6. Settings

Tap on the gear icon on the top-right corner of the screen to access the Settings menu.

- Brightness: Change the brightness of the screen by tapping the slider.
- Volume: Change the volume of Touchscreen Keypad by tapping the slider.
- Face Detection: Tap the slider to enable or disable this function. When it is enabled, your face needs to be detected so that the virtual keypad will be enabled for you to enter the PIN Code.



When the virtual keypad is able to be tapped, you can disarm the system as the steps stated above. Please refer to Change System Mode.

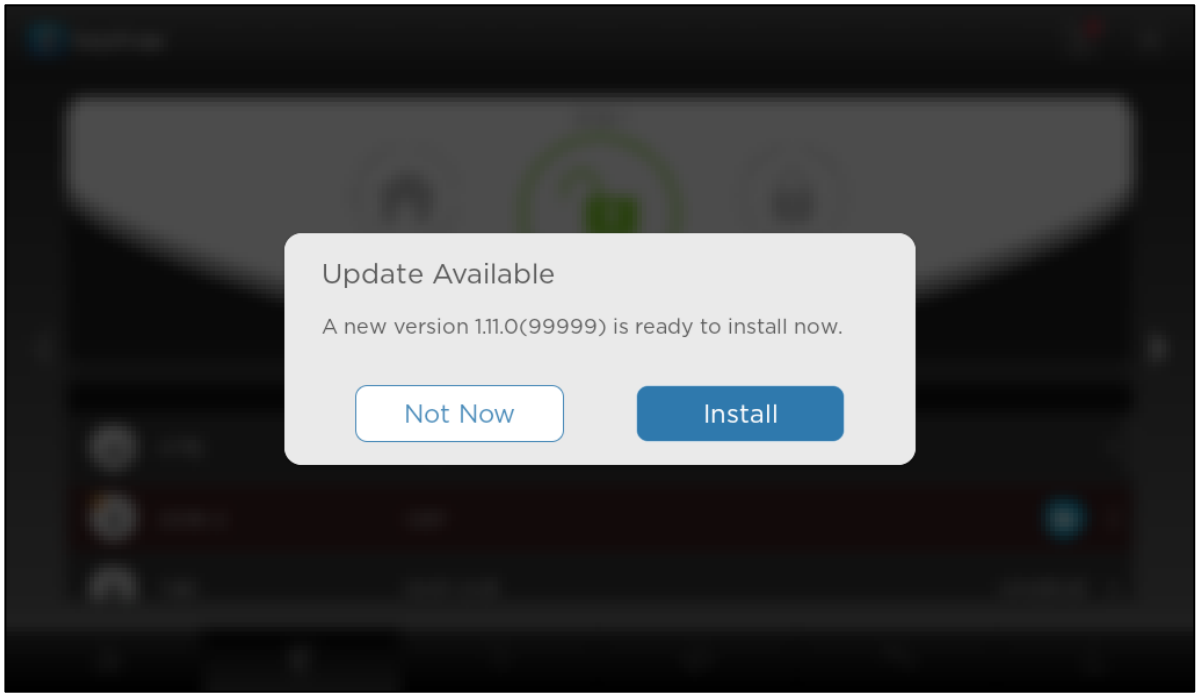
- Display Home Screen: Enable this function to display home screen when Touchscreen Keypad has been idle for 1 minute/3 minutes, or select Never to disable this function.
- Screen Saver: Enable this function after Touchscreen Keypad has been idle for 1 minute/5 minutes, or select Never to disable this function. Touchscreen Keypad will display the images stored in the SD card.
- Date & Time Format: Change the date and time format.
- Unpair: This feature allows you to clear the Touchscreen Keypad's WiFi and Control Panel's information that the Touchscreen Keypad is connected to.
- Tablet Setting: This function is currently reserved.
- Language: Change language setting.
- About: The information about App version / ROM version will be displayed here.

3.7. OTA Firmware Upgrade

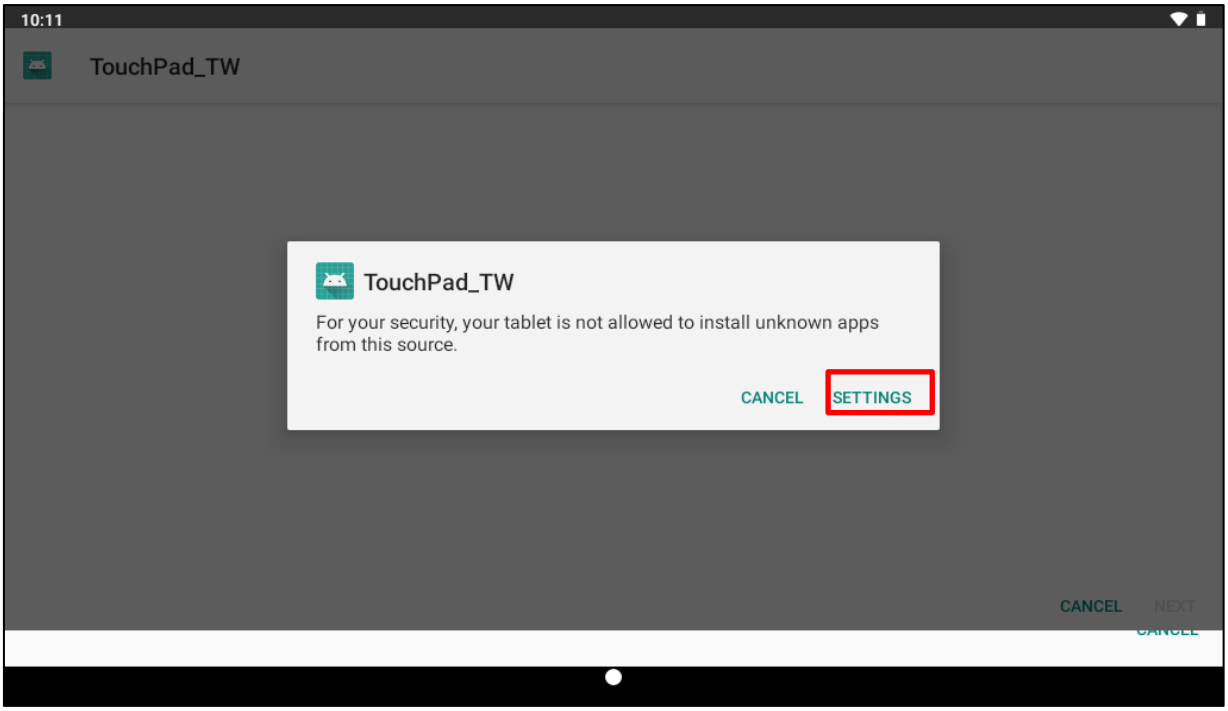
When a new firmware version is released, users are able to update it via OTA automatically or manually.

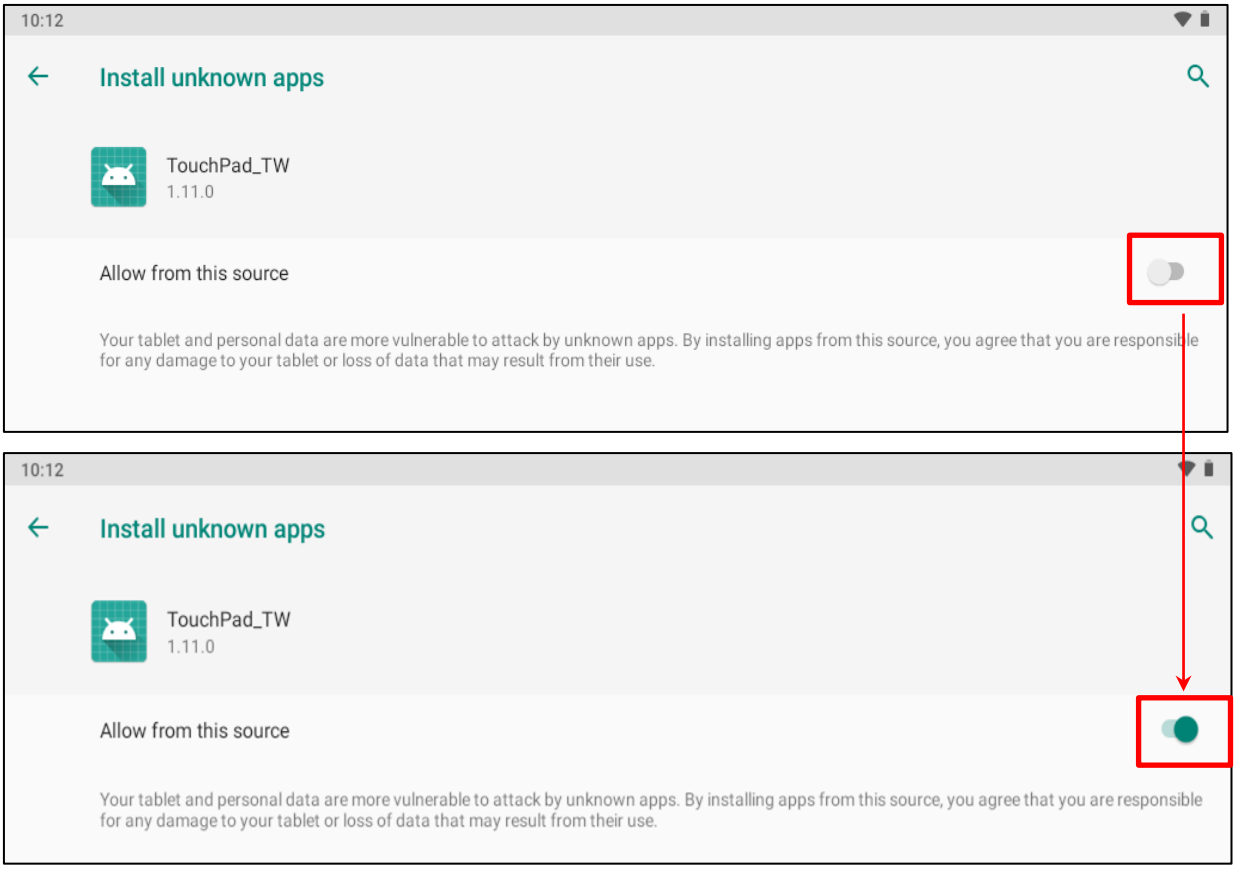
- **Auto OTA Firmware Upgrade** *(Enabled by Home Portal Server Backend)*

Step 1. When a new version of firmware is released from the Home Portal Server Backend, the user will be informed to install it. Tap **Install** or **Not Now** to update the firmware later.

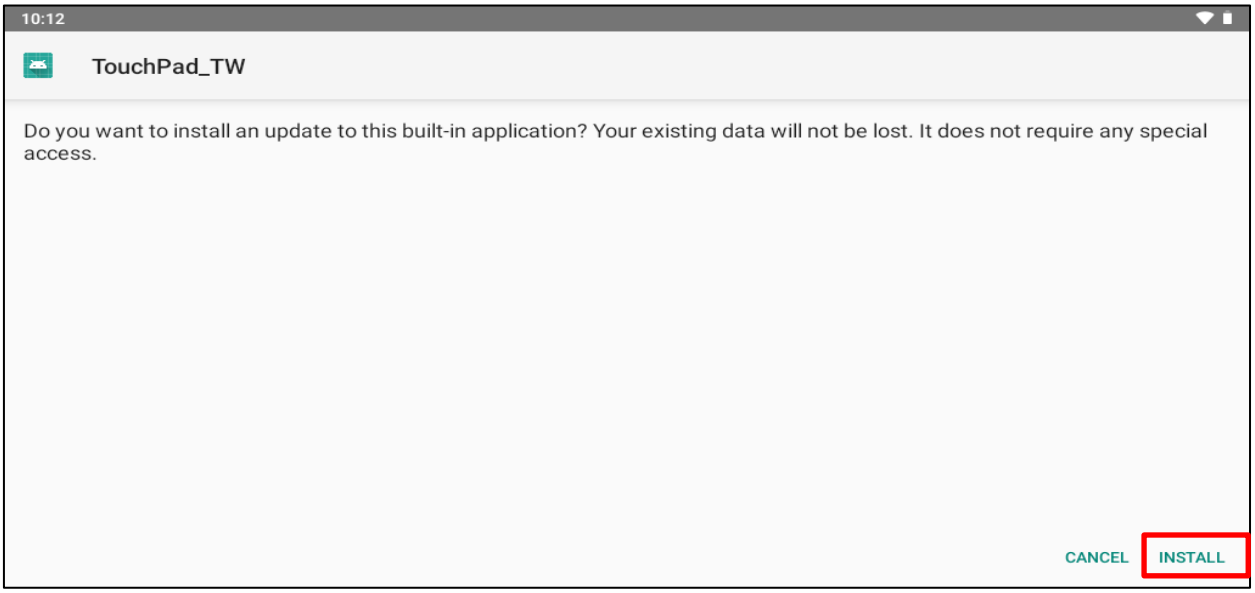


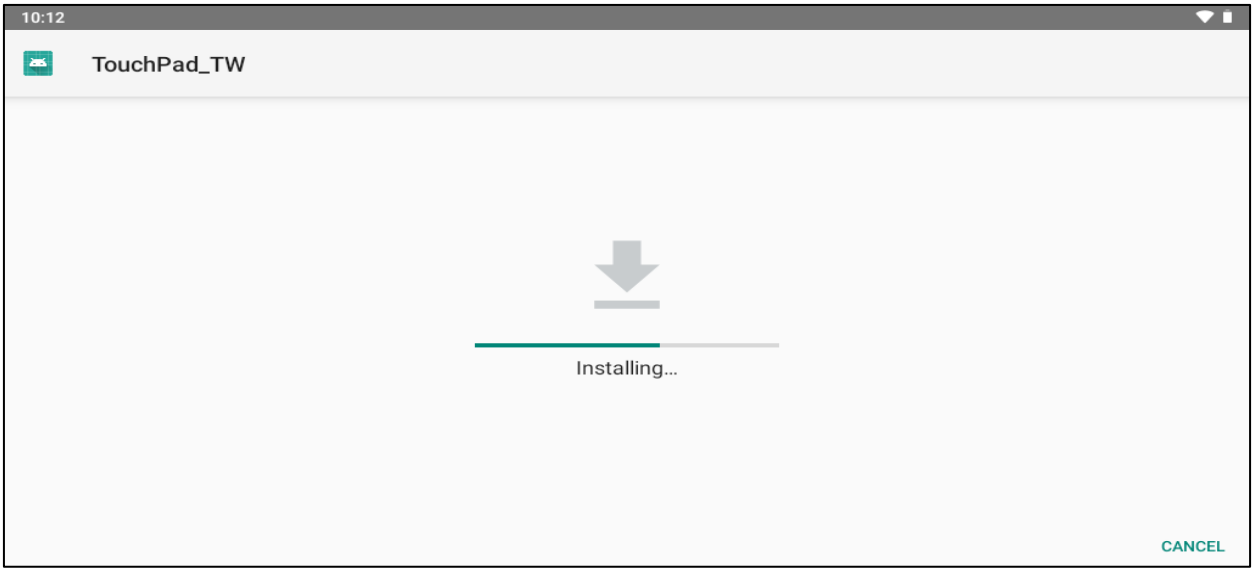
Step 2. If the device is set not to install the unknown apps for security concerns, please tap **SETTING** to change the setting to allow the device to install unknown apps.



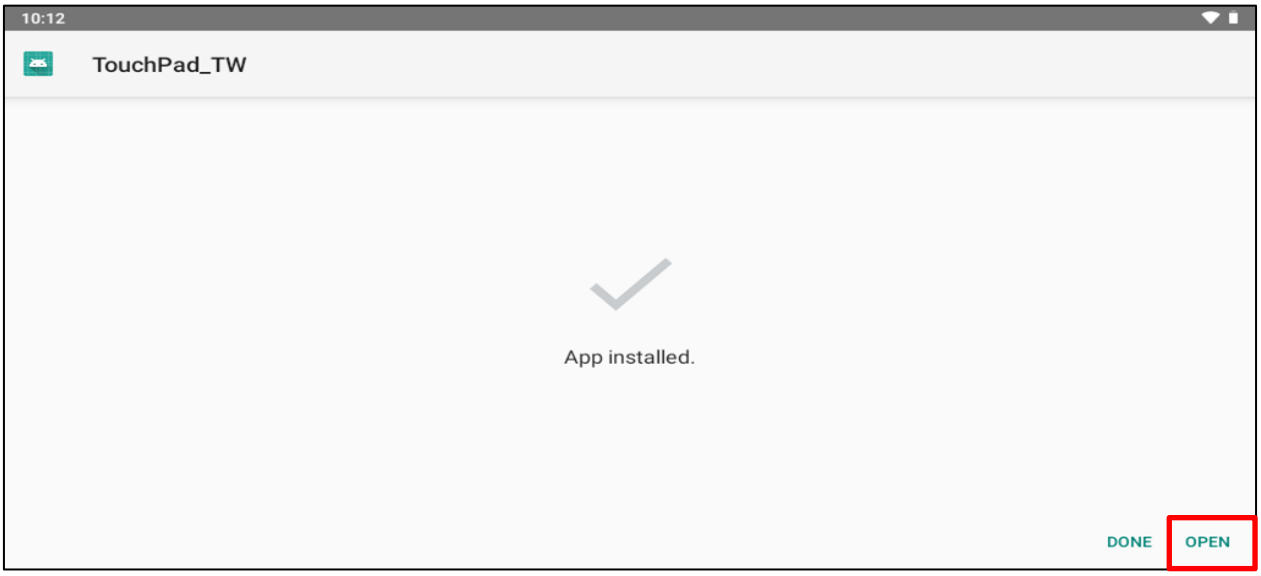


Step 3. When the request for installation of unknown apps is permitted, tap **INSTALL** to update the firmware.



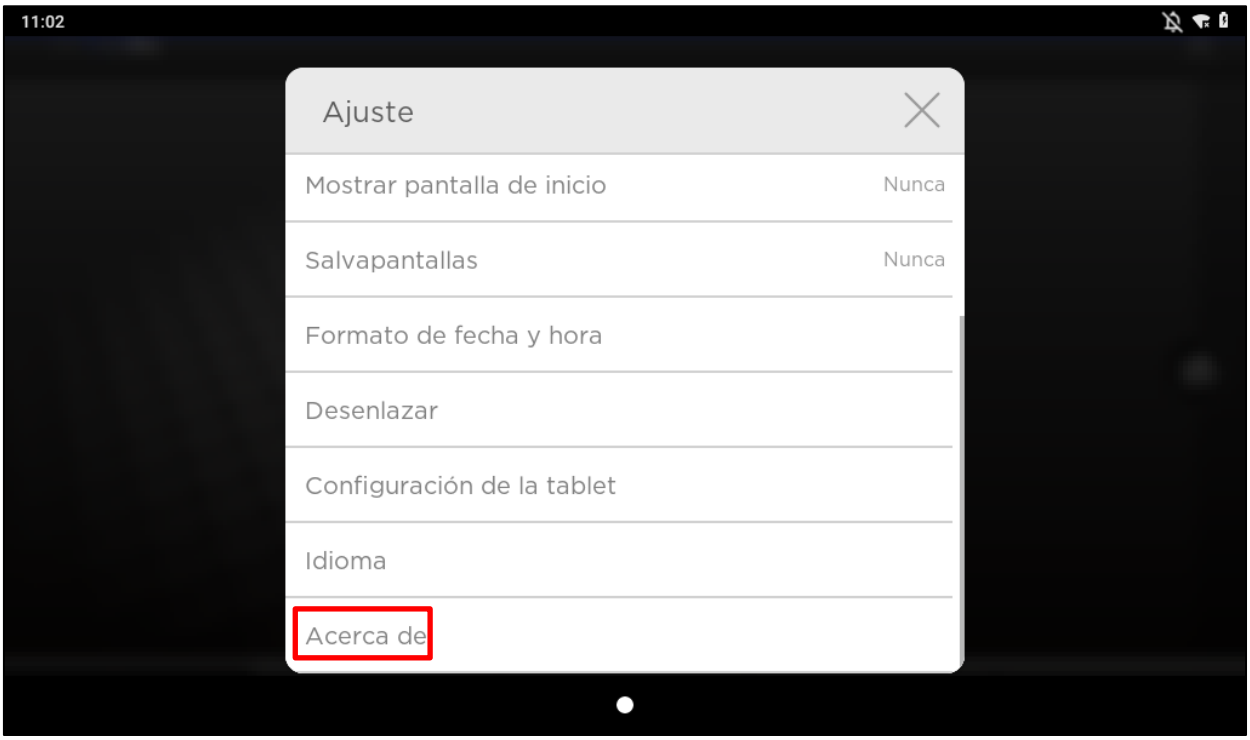


Step 4. Tap **OPEN** when the installation is completed.

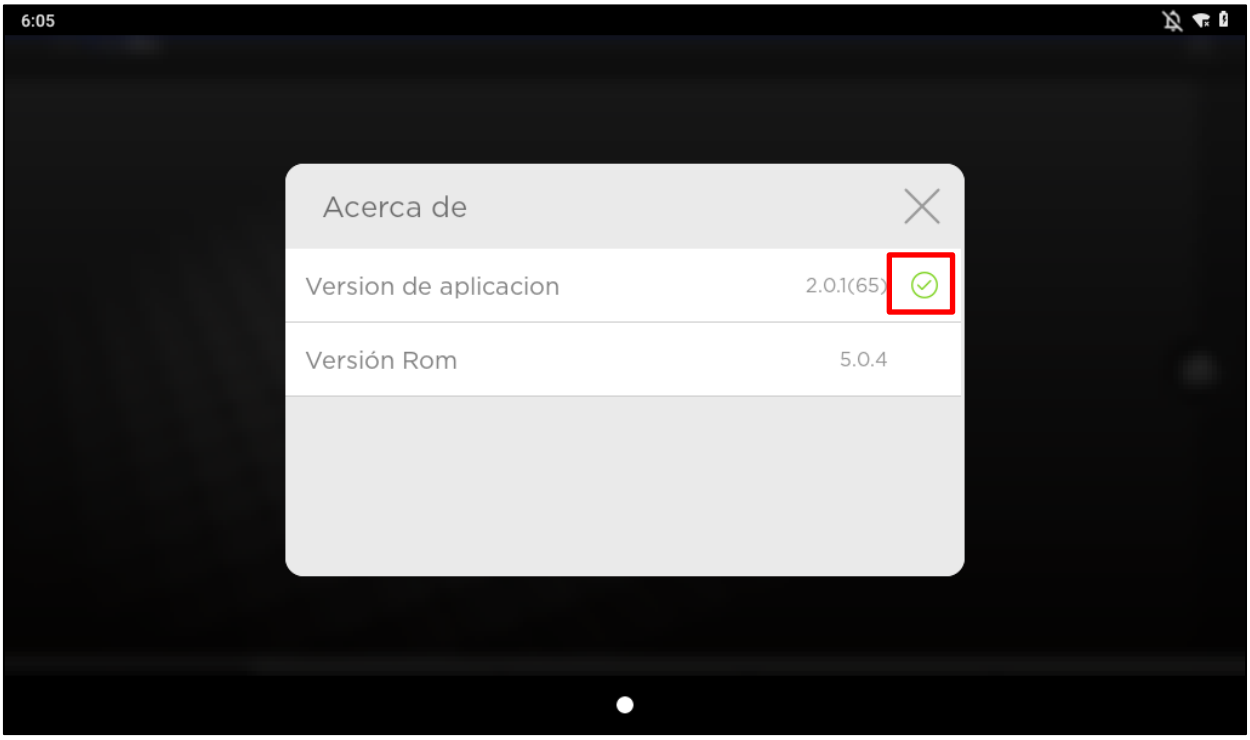


Step 5. Tap the gear icon on the top-right corner of the screen to access the Setting menu.

Step 6. Tap **About** in the Setting menu.



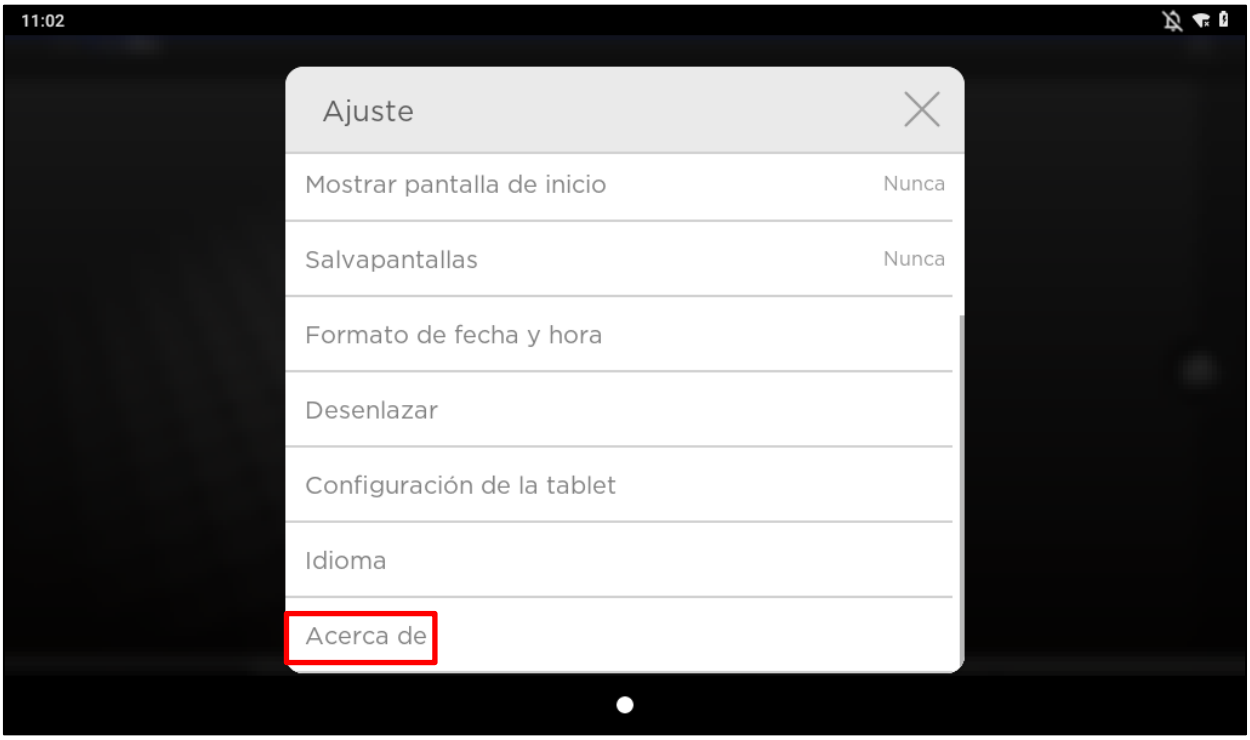
Step 7. The user can confirm if the firmware is updated to the latest version when a GREEN check mark is shown in the **App version** column.



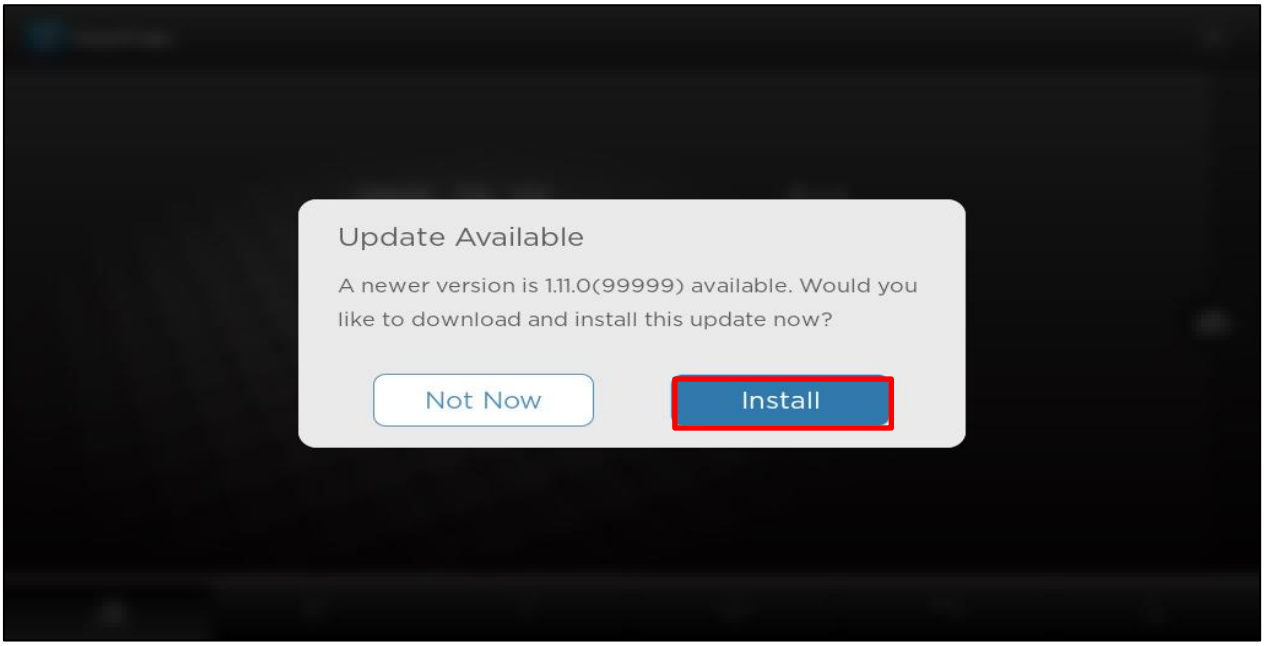
- **<u>Manual OTA Firmware Upgrade</u>**

Step 1. tap the gear icon on the top-right corner of the screen to access the Setting menu.

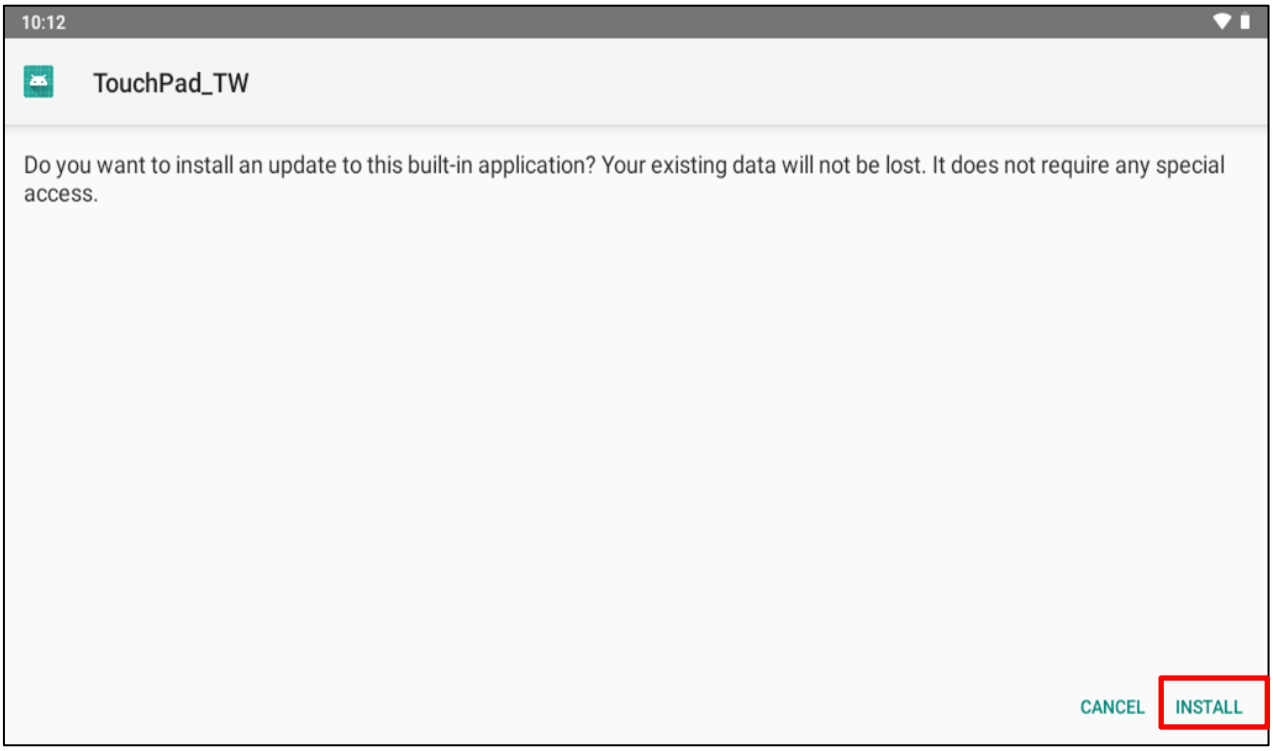
Step 2. Tap **About** in the Setting menu, TSP will check if the firmware version is the latest or not.



Step 3. If the version is not the latest, TSP will ask you to update the firmware. Tap **Install** for the upgrade. If you want to install it later, tap **Not Now**.

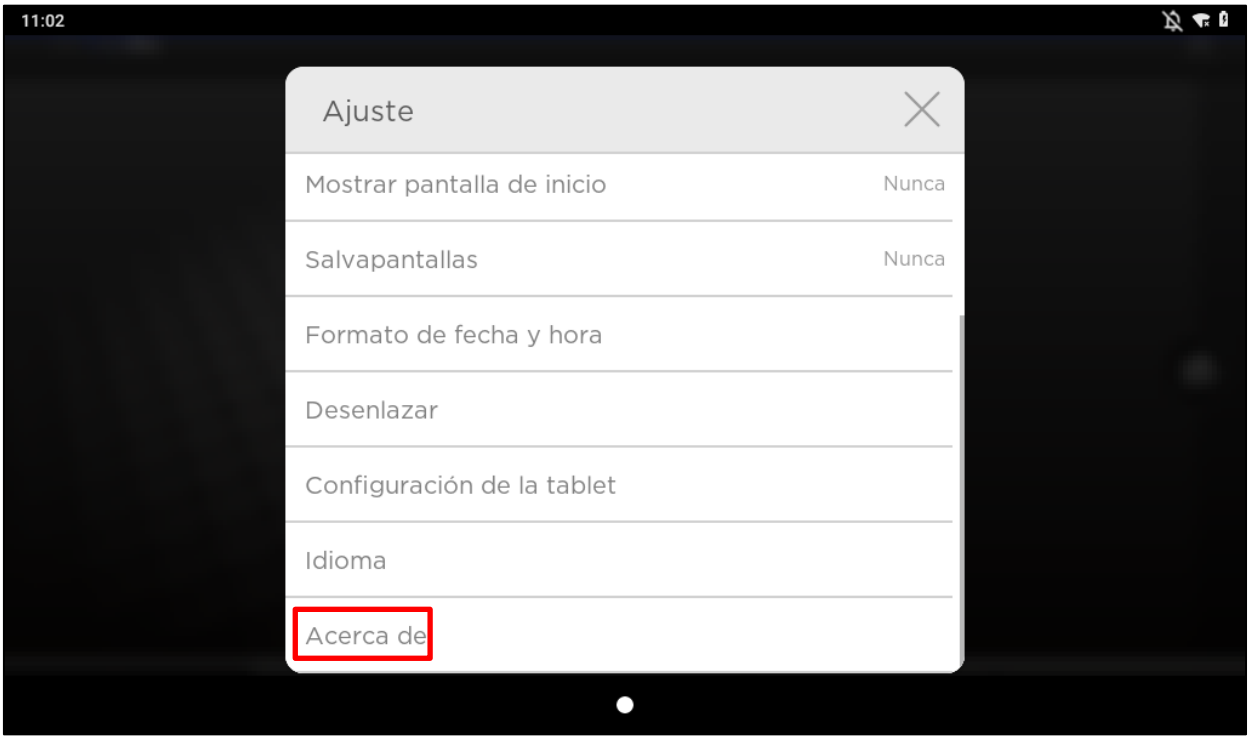


Step 4. Tap **INSTALL** to update the firmware.



Step 5. Tap the gear icon on the top-right corner of the screen to access the Setting menu.

Step 6. Tap **About** in the Setting menu.



Step 7. The user can confirm if the firmware is updated to the latest version when a GREEN check mark is shown in the **App version** column.