GC Touch

Security and Automation Panel

Product Manual

2GIG
a Nice brand

Table of Contents

Introduction

GC TOUCH uses modern, intuitive user interface on a 7” full-color, high-resolution display, providing users quick access to security and smart home functions, as well as a quick on-screen control of all areas.

As a multi-functional 345MHZ radio, Z-Wave smart home gateway with Wi-Fi 4G/LTE, and Bluetooth capabilities, GC TOUCH provides comprehensive solutions, including home security, visual verification, home automation, energy management, emergency monitoring, and remote management, for ultra flexibility and convenience.

Moreover, GC TOUCH features two-way, hands-free communication through the built-in speaker and microphone for communication with the central station operator.

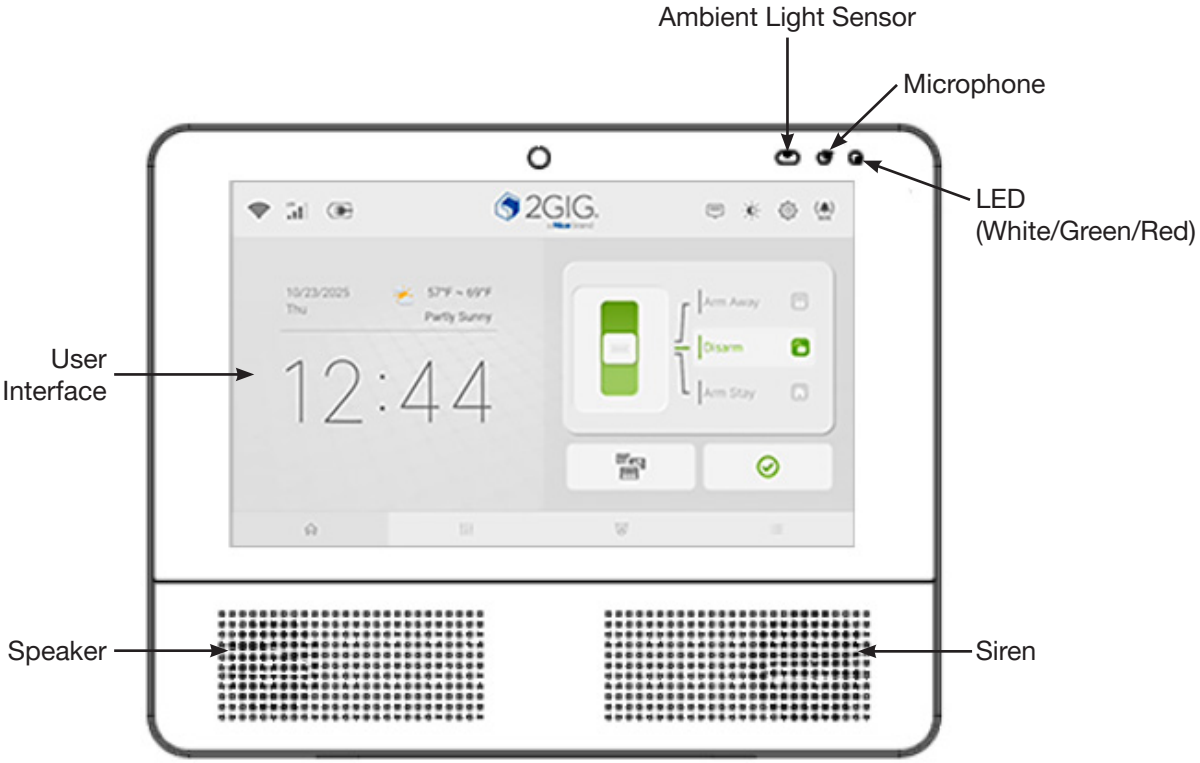
Other innovative features include Bluetooth disarming, which allows users to conveniently disarm the security system even with their hands full.

- **Two-way voice communication with 4G/LTE:** Built-in microphone and speaker allows user to communicate with the central station operator.
- **Wi-Fi and 4G/LTE connection:** The system supports dual path communication via Wi-Fi and 4G/LTE. The panel uses the homeowner’s Wi-Fi network as the primary communication path to the back end platform. If Wi-Fi is unavailable or unreliable, the 4G/LTE connection serves as a secondary communication path to maintain connectivity with the back end platform.
- **Voice Prompt Reminder:** The panel plays voice prompts upon system mode change to remind user of system status.
- **Screen Saver:** After the screen has been idle for the programmed period (2 minutes by default), GC TOUCH will display selected screen saver content.

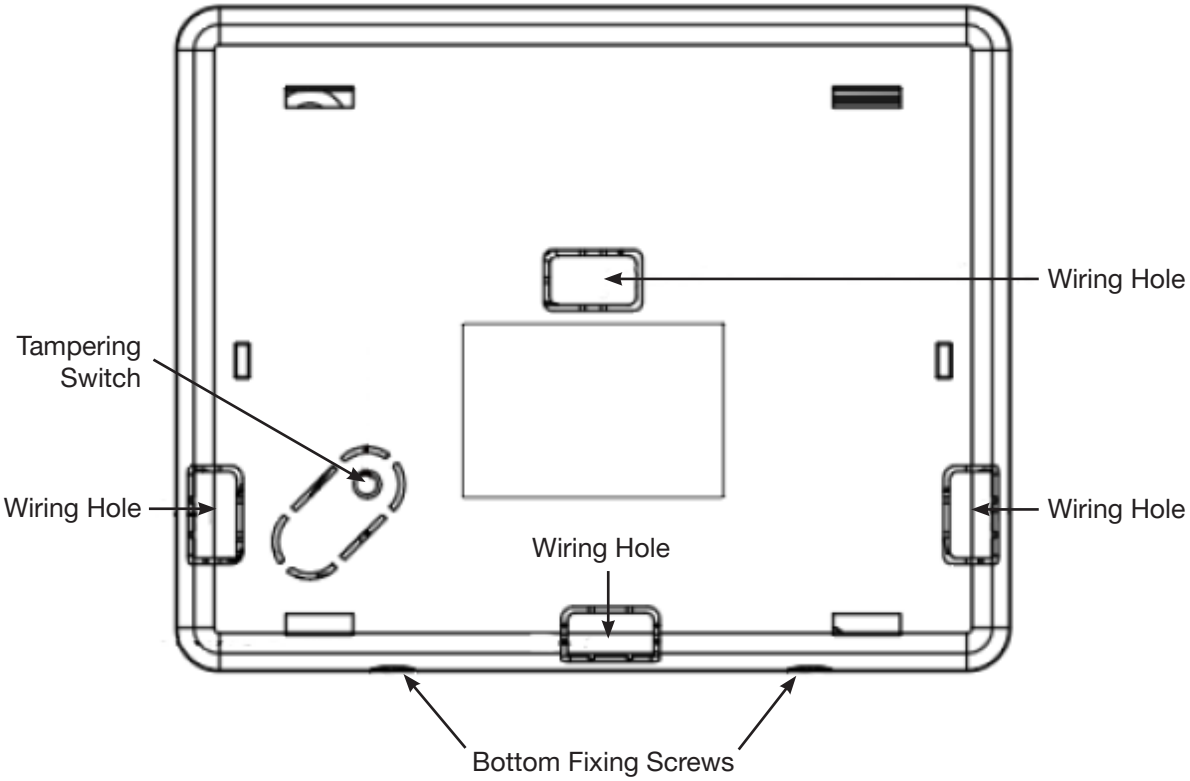
System Overview

Parts Identification

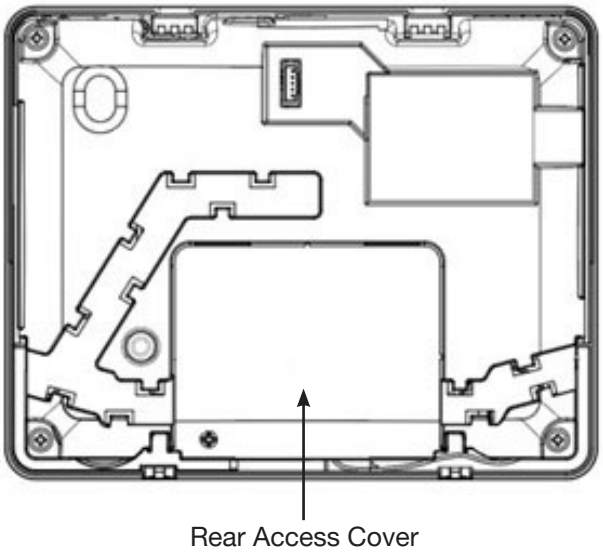
Front View

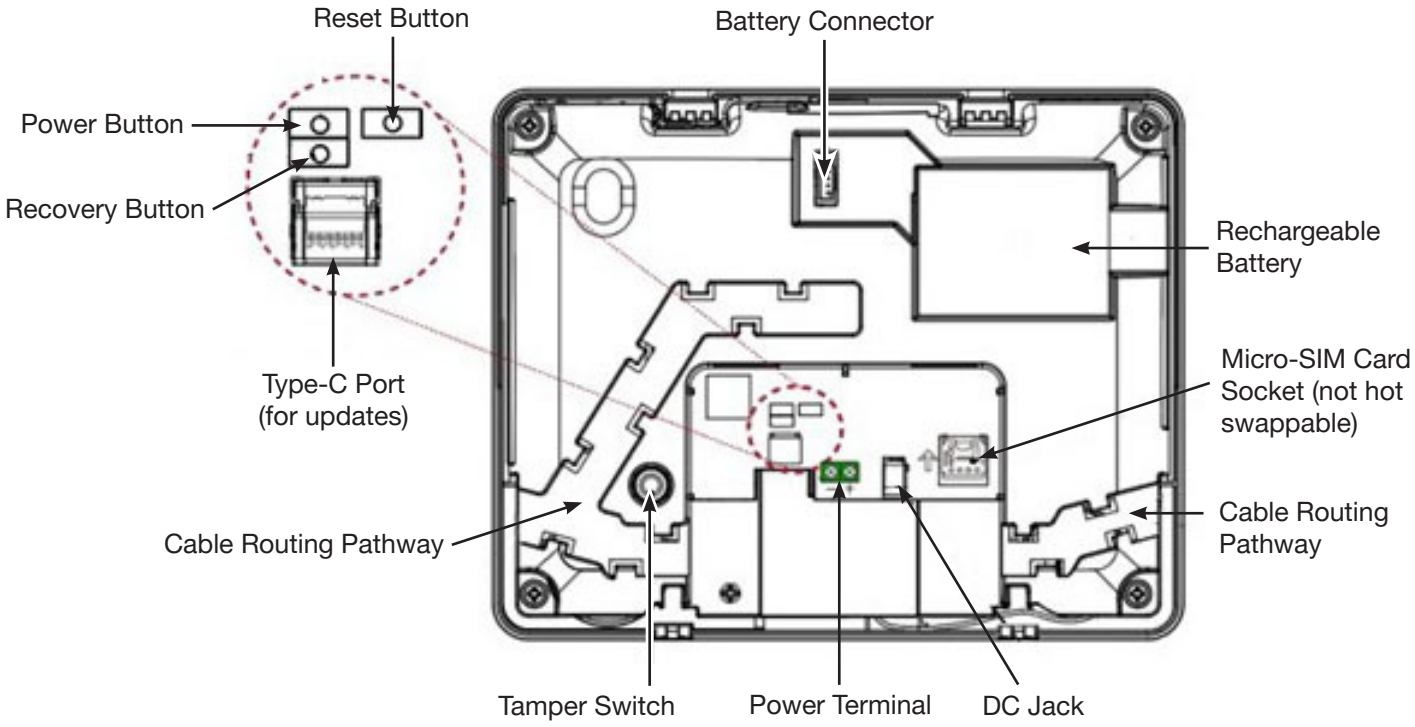


Back View



Internal View





Power Button	• Press and hold the power button for **2 seconds** to access the selection menu for powering down or restarting the system. • Pressing and holding the button for **5 seconds** will force the system to shut down immediately. • To power on the Panel, press and hold the power button for **2 seconds**.
Reset Button	Press the reset button to restart the Panel.
Recovery Button	**Reserved for Manufacturer Use Only** - DO NOT PRESS unless instructed to do so by authorized personnel.

LED Indicators

The LED indicators are used to indicate various system statuses.

LED	Behavior	System Status
Blue LED	Solid on	Standby
	Flashing	AC Loss
Red LED	Solid on	Arming & Armed/Low Power Mode
	Flashing	Alarming
		Entry Delay
White LED	Solid on	System Faults/System not ready to arm

When operating on battery power, the GC Touch's LEDs will flash instead of staying solid.

Power Supply

Power Adapter

- GC Touch is designed to use the power supply 100-240VAC 50/60Hz 1.7A 14VDC adapter.
- The panel supports connection to a power supply via screw power terminal blocks.
- The panel supports connection of the power supply by a barrel connector. (Use part: 2GIG-EDG-CBL)

Note: GC Touch will automatically turn on after power is supplied.

Rechargeable Battery

- In addition to the adapter, there is a Lithium Polymer 2500mAh/3.7V rechargeable battery inside the panel, which serves as a backup in case of a power failure.
- During normal operation, the AC power adapter is used to supply power to the panel and at the same time recharge the battery.
- When the battery level is low, the panel will report a low battery status. If the AC power adapter is not reconnected after this report and the battery continues to drain, a warning message will appear on the user interface. If the battery becomes too low for the system to function, it will automatically shut down to protect data.

After a full power loss (both primary and backup power), when the power is later restored, the system will: a) return to the same arming/bypass state, b) ignore signals from sensors for at least 60 seconds, and c) remember its last arming state for at least 14 days.

Installation

System Deployment

The GC Touch is designed to be wall-mounted or placed on a desktop with an optional desktop mount. Follow the guidelines below when planning installation location:

- The panel requires the main power and a Wi-Fi connection is recommended.
- The 4G/LTE serves as a secondary communication path when Wi-Fi is connected, ensure there is good cellular coverage (Advisable to have a level of at least 4 out of 5).
- Avoid mounting the panel near large metal objects which may affect wireless radio strength.
- The panel should be protected by sensors, so that no intruder can reach it without first activating a sensor.

Installation Guidelines

Building Construction Considerations

- Avoid installing the GC Touch in areas surrounded by reinforced concrete, metal framing, or low-emissivity glass, which may obstruct RF signals.
- For multi-story homes, place the Panel on the central floor to optimize vertical signal coverage.

Environmental Suitability

- The panel is intended for indoor use only.
- Operating range: 32°F – 113°F (0°C – 45°C), ≤85% relative humidity, non-condensing.
- Do not install near windows exposed to direct sunlight or near steam/moisture/heat sources.

Hidden Metallic Structures

- Be aware of external, invisible metallic structures, such as:
  - HVAC ducting and/or metal studs behind drywall
  - Steel mesh in plaster walls
  - Radiant floor heating systems
- Scan wall cavities to identify safe zones for mounting RF devices and optimize signal paths.
- Relocate the Panel or RF devices if hidden metal is detected.

RF Interference Precautions / Mounting Location

- Secure the Panel on a vertical surface at a height for optimal accessibility.
- Avoid mounting near metal structures, electronic appliances, or microwave ovens to prevent RF interference.

Installation Aids

- Detachable plastic back plate
- Non-metallic desktop stand 2GIG-TOUCH-DESK (optional)

Wireless Range / Maximum Separation

- The panel communicates wirelessly with paired devices. The maximum range between the Panel and any paired device will vary.

  Actual performance may vary significantly depending on the installation environment. In a typical home setting, factors such as wall density and material, furniture, and electronic interference may reduce the effective range.

- Always perform on-site signal verification using approved test equipment before final device placement.

  For optimal reliability:

  - Test device connectivity at the intended installation location before finalizing placement.
  - Observe the signal strength indicator on the screen during setup.

Panel-Device Orientation

- Maintain line-of-sight between the panel and the RF devices whenever possible.
- Orient the RF devices so their antennas face the Panel directly; avoid placing them flat against metal surfaces or behind appliances.

Signal Strength & Noise Testing

- Perform tests at the intended mounting location before final installation.

Wireless Device Pairing

- Tap **Settings** > **Sensor Settings**, then tap an empty zone to add a new wireless device.
- Choose **Quick Add** or **Manual Add**:
  - **Quick Add:** Trip the sensor to send a signal. Once detected, the device's TXID will appear. Select it to begin entering the device details.
  - **Manual Add:** Enter the device details manually, then tap Save to complete the process.

Function Overview

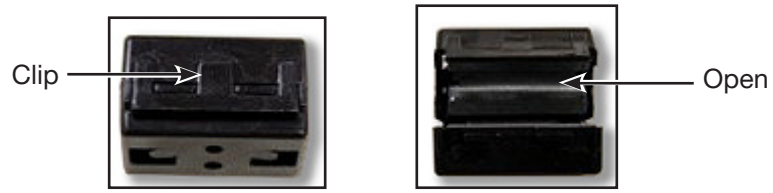
- The paired wireless devices transmit RF signals to the panel when triggered.
- When the system is armed, any triggered zone causes the Panel to display an alert and activate appropriate alarm response (audible and/or visual).
- RF signal transmission may be affected by environmental factors such as building construction and hidden metallic structures.
- Understanding the system behavior, including signal transmission, Panel-device orientation, and environmental limitation, is essential for proper installation and testing.

Ferrite Core Noise Suppressor

A Ferrite Core Noise Suppressor is provided to reduce electromagnetic interference and enhance system stability. Install the Ferrite Core on the AC power cable as follows.

1) Position the Ferrite Core on the power wire close to the panel but at an appropriate distance from the DC power input to ensure it will not obstruct the back plate when mounted.

2) Open the clip on the Ferrite Core.



3) Wrap the cable around the groove inside the Ferrite Core to prevent it from slipping.

4) Snap the Ferrite Core shut.

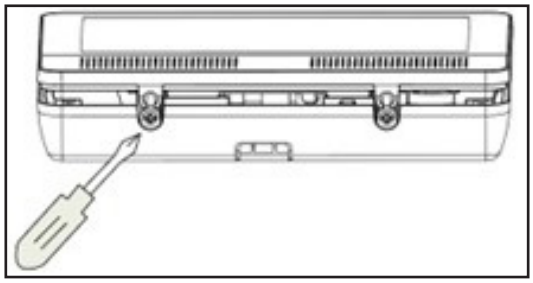
5) The image below shows the setup after the DC power plug is connected and the back plate is mounted.

Hardware Installation

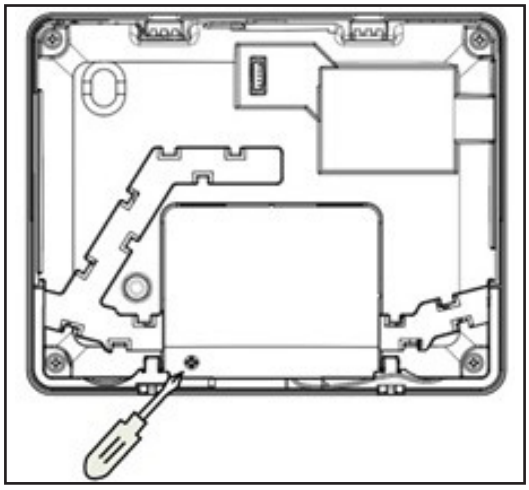
The GC Touch is designed to be mounted on the wall or placed on a desktop with an optional desktop mount.

Follow the steps below to proceed with wall mount installation.

1) The panel casing is secured by 2 bottom fixing screws. Loosen the 2 fixing screws on the bottom to detach front cover from back plate.



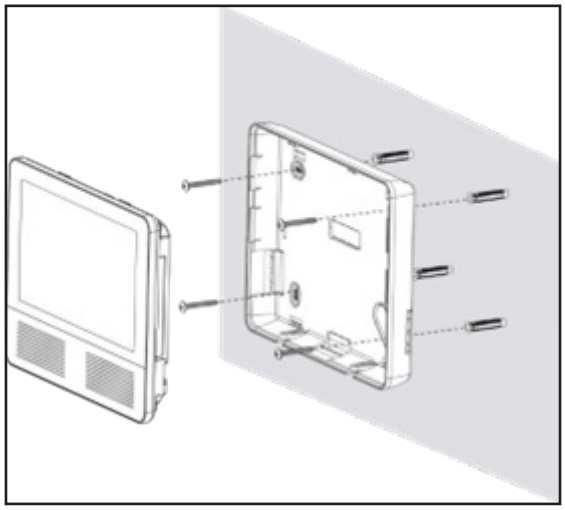
2) Remove the rear access cover.



It is recommended to fit the Panel at approximately chest height where the touchscreen can be easily accessed and operated.

3) Use the four knockouts on the back plate to secure the panel to the wall using the provided screws.

NOTE: The bottom right screw must be screwed to a secure point to ensure that the panel tamper will activate.

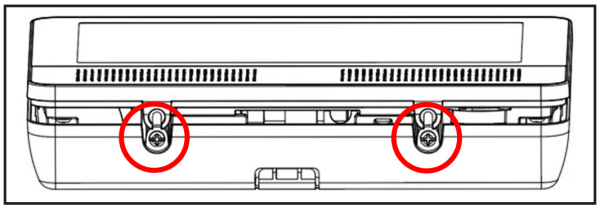


4) Fit the top latching holes on the front cover onto the corresponding latches on the back plate, then push forward the front cover to close it. Tighten the 2 bottom fixing screws.

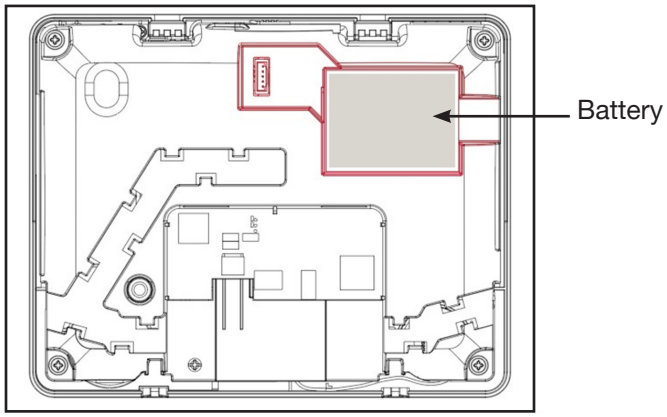
Battery Replacement

Battery Removal

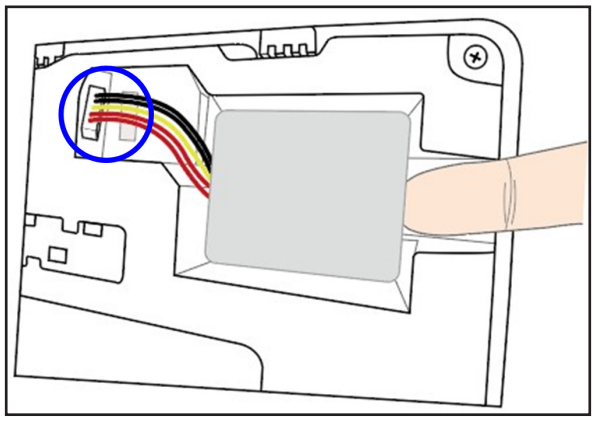
1) Unscrew the two bottom fixing screws and remove the front cover from the back cover.



2) Turn the front cover over. The battery is located in the upper right corner.

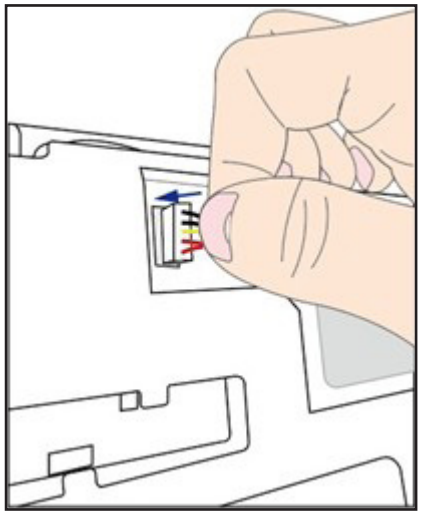


3) Disconnect the battery connector, then insert a finger into the groove and pry out the battery.



Battery Installation

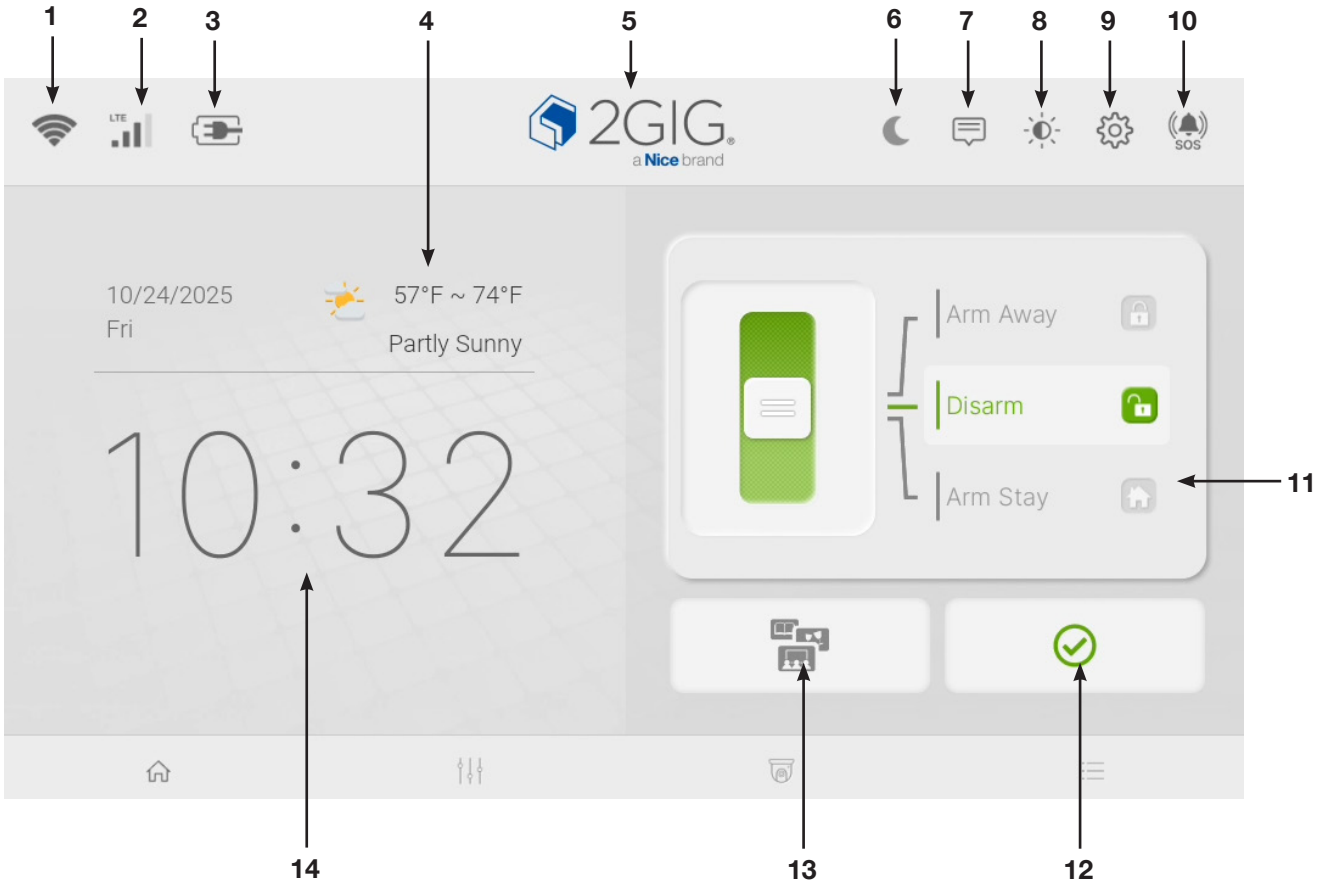
1) Place a new battery in the battery compartment.
2) Connect the battery connector to the terminal. The battery connector features a foolproof mechanism to ensure correct connection.



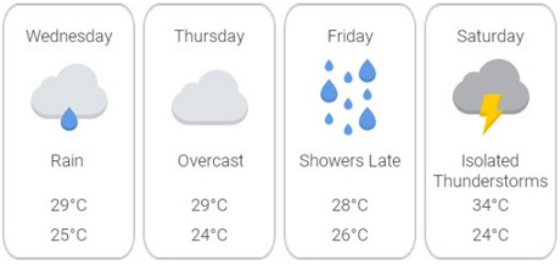
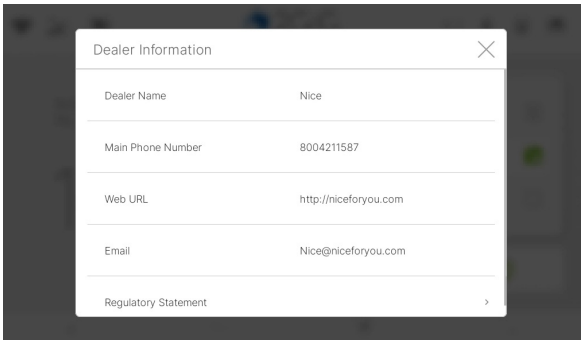
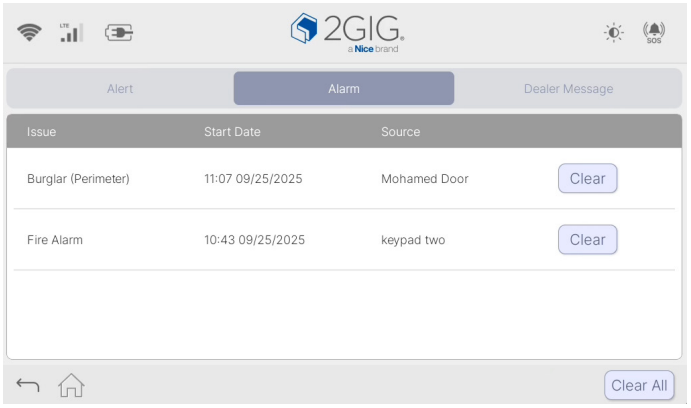
3) Insure that the battery wire is routed at the bottom of the wire channel.

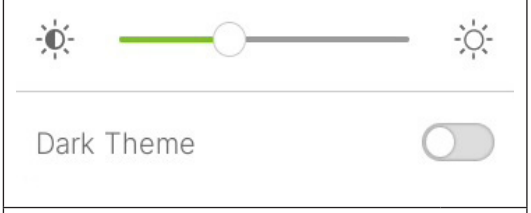
Operation

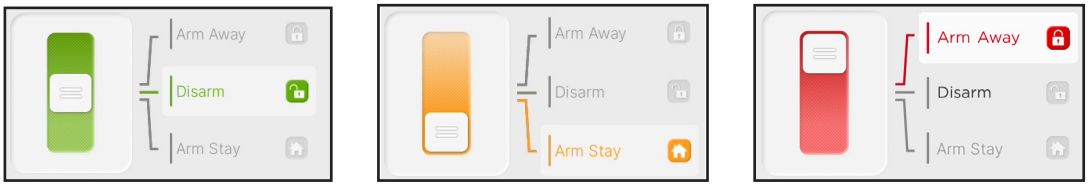
On the user interface of GC Touch, users can change the system mode, control automation devices, edit and bypass devices, and access video.

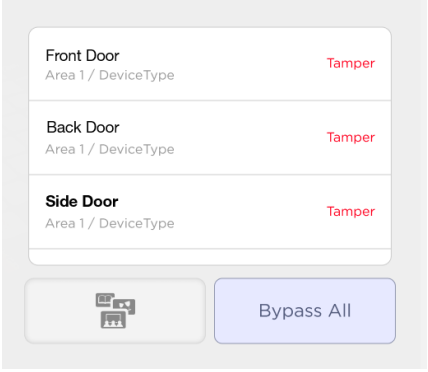


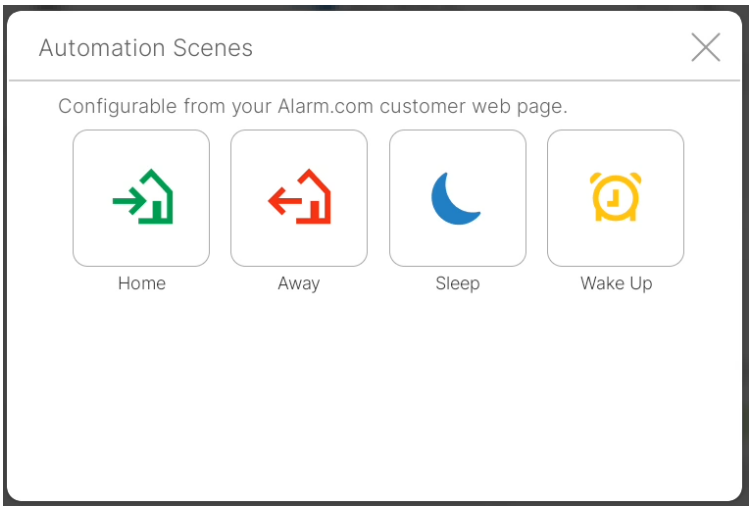
Section	Icon	Description
1 Wi-Fi Indicator		When Wi-Fi is connected (Strong-->Weak)
		When Wi-Fi is disconnected
		NOTE: The panel primarily communicates with the backend platform via Wi-Fi, with 4G/LTE as a backup when Wi-Fi is unavailable.
2 RSSI Level		When connecting to a cellular network, show the signal strength.
		When the panel is not connected to a cellular network.

Section	Icon	Description
3 Battery Level		When the panel is running on battery, its battery icon will display the current battery level in percentage.
		When battery failure, battery fault, or dead battery occurs.
		When the rechargeable battery is not properly connected.
		When the panel is connected to an AC power supply.
4 Weather	----	Tap to view the 4-day weather forecast. (Available only when the Panel is connected to a cellular network.) 
5 Dealer Info		Tap the logo to view the dealer information. 
6 Night Mode Indicator		The Moon icon indicates that the system is in Night Mode.
7 Notification		Tap to view notifications on Alert, Alarm & Dealer Messages. (Master or Installer Code is required to view Dealer Message.) If new alert or alarm events occur, the notification icon will flash orange. Tap Acknowledge All to confirm the events and stop the icon from flashing. 

<table>
<tr><th>Section</th><th>Icon</th><th colspan="2">Description</th></tr>
<tr><td rowspan="2">8 Brightness/
Dark Theme</td><td rowspan="2"></td><td> 
</td><td rowspan="2">The Dark Theme switch allows users to toggle the screen between Light and Dark themes. It is unavailable when the system is armed (Arm Away and Arm Stay), or when the screen is on Settings page.</td></tr>
<tr><td>Tap to access the slider bar for adjusting the screen brightness and the Dark Theme switch.</td></tr>
<tr><td>9 Settings</td><td></td><td colspan="2">Tap on the gear icon to access the Settings menu. Refer to the Settings section of this manual.</td></tr>
<tr><td>10 Panic Button</td><td></td><td colspan="2">When clicked, a dialog box with four options — Police, Fire, Auxiliary, and Silent — will appear.
 

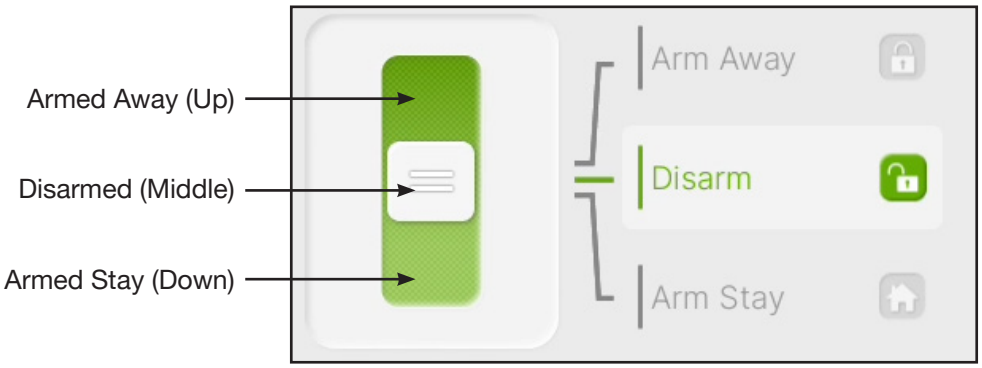
To activate an alarm, press and hold the desired button for 3 seconds. A progress bar will appear, indicating how long the button has been held.</td></tr>
<tr><td rowspan="2">11 System Mode/
Fault List</td><td colspan="3">The system mode is indicated by three icons on the right. The background color of the selected mode for the area will change, while the other modes will be greyed out.
 

Disarmed Armed Stay Armed Away</td></tr>
<tr><td> 
</td><td colspan="2">When the system detects device faults, the System Mode screen will switch to a fault list, displaying all detected faults for quick review and bypassing before arming.</td></tr>
</table>

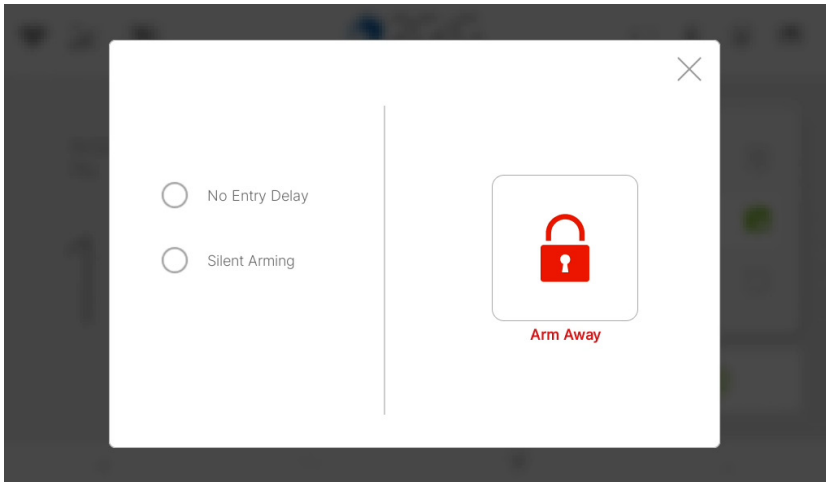
Section	Icon	Description
12 Fault Indicator		The checkmark icon indicates that there are no device faults in the system.
		The Bypass icon displays the number of currently bypassed faults.
13 Scene Selection		Scenes can be customized from the Alarm.com user website. 
14 Date & Time	---	Display current date and time.

Change System Mode

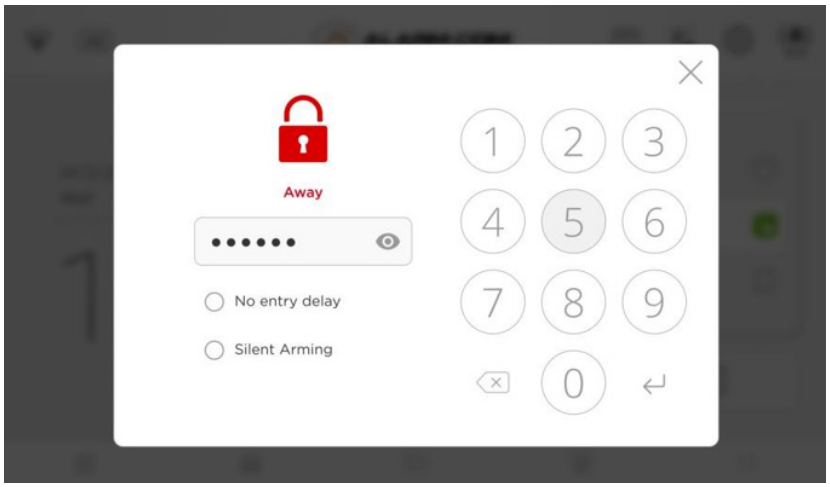
Toggle the Mode Slider to change modes, e.g. Armed Away (Up), Armed Stay (Down).



- If “Quick Arming” function is enabled, user can arm the system without entering the User PIN Code.

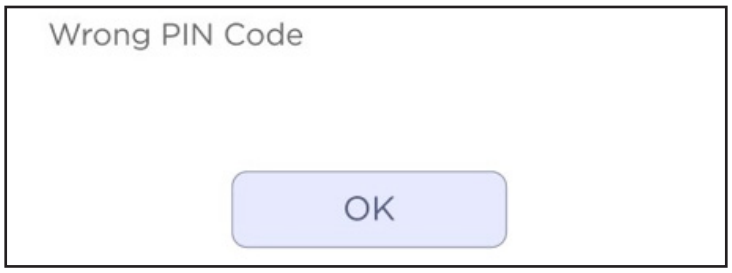


- If “Quick Arming” function is disabled, users will need to enter one of the User PIN Codes to arm the system.



NOTE: The panel will play voice prompts upon system mode change to remind the user of the system status.

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



- When the system has existing fault events while arming, a fault message will appear. If you still want to arm the system, you will need to bypass the faults on the fault list. Press the “Bypass All” button and the system is now ready to arm.

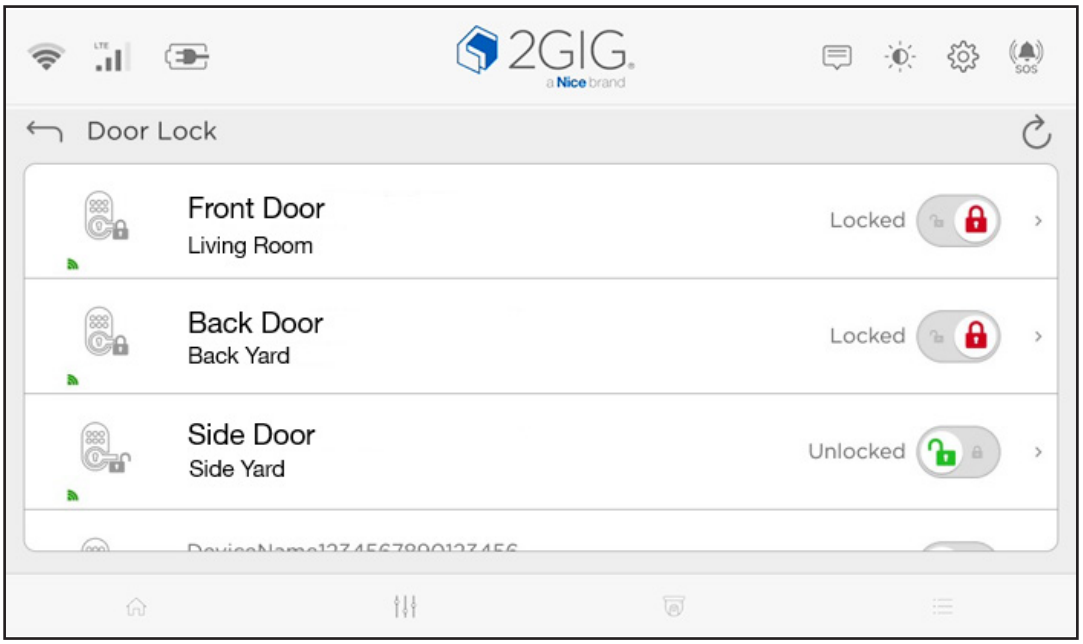
Devices

Tap the Devices button  at the bottom of the screen to access the Devices page.

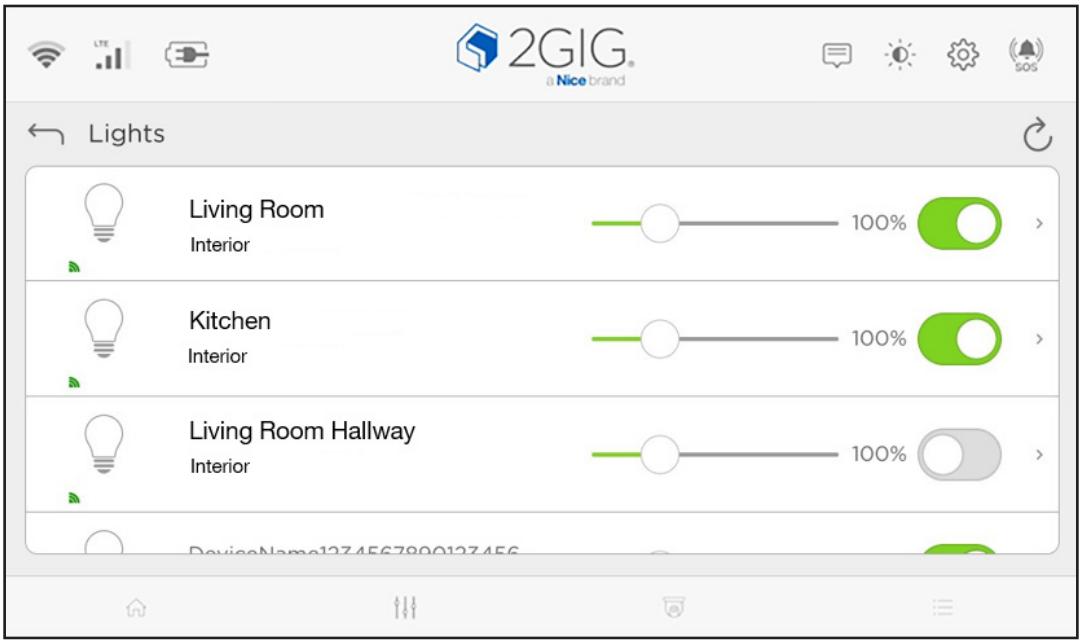
The Devices page lists all available devices according to different categories. Click on a device category to display the devices under that category.

- **Sensors:** Displays all of the learned-in sensors in the system.

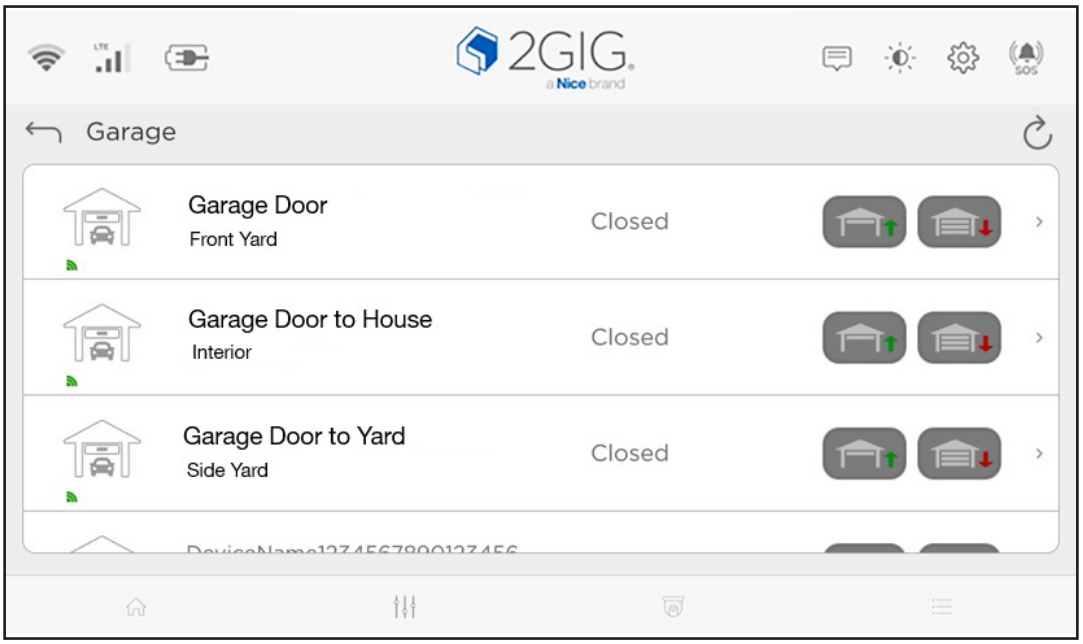
- **Door Lock:** Displays all of the learned-in Door Locks in the system.



- **Lights:** Displays all the learned-in Light Sensors in the system.



- **Garage:** Displays all of the learned-in Garage Sensors in the system.

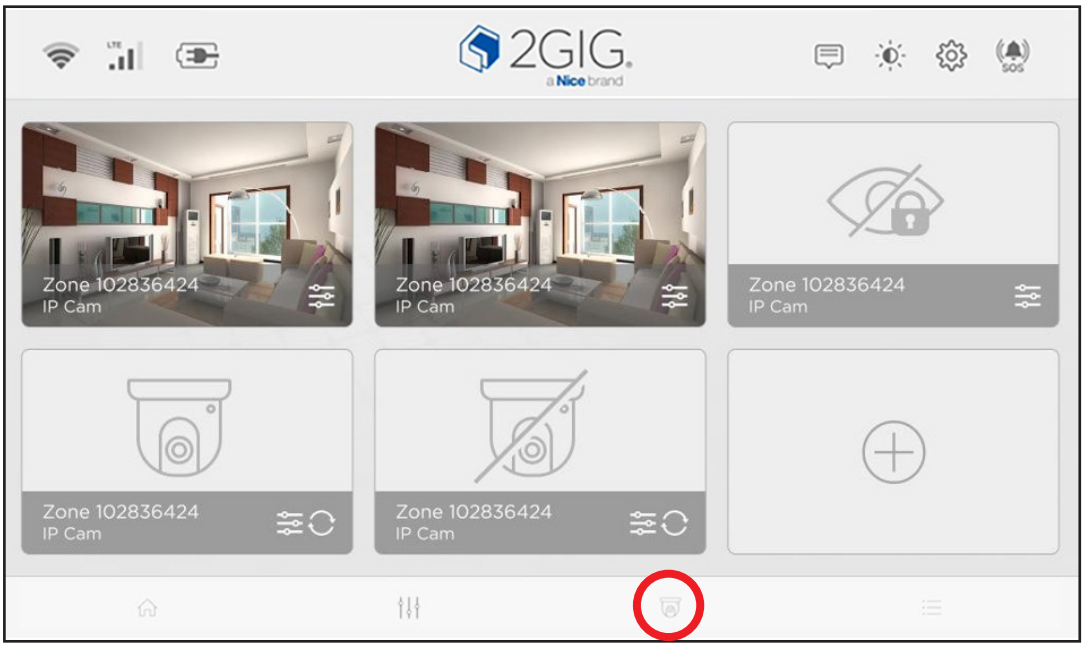


- **Thermostat:** Displays all of the learned-in Thermostats in the system.

Cameras

Tap the Camera button at the bottom of the screen to access the Camera page.

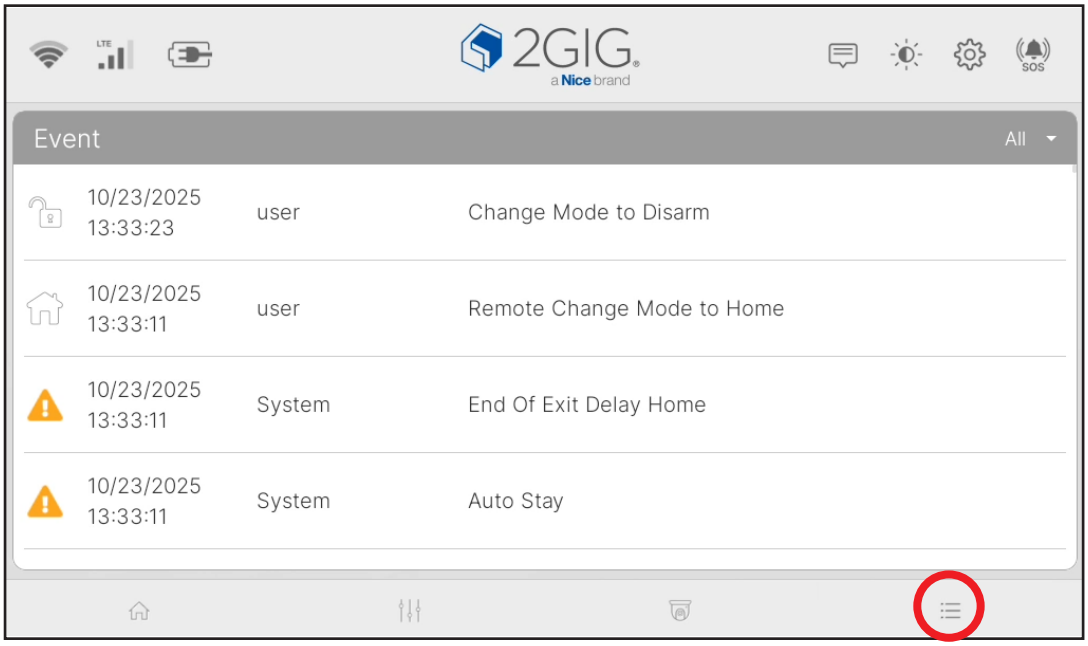
The Camera page will display Alarm.com cameras that are configured on Alarm.com to stream to the panel.



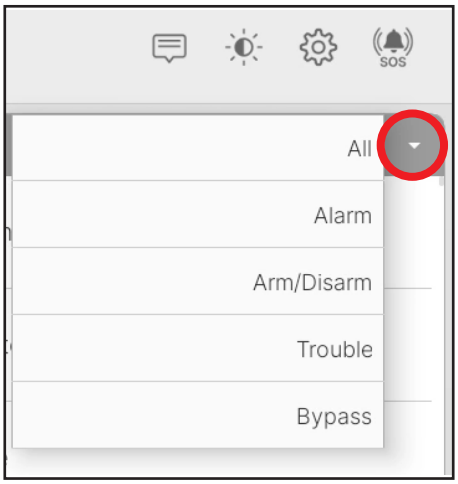
Events

Tap the Events button at the bottom of the screen to access the Event page.

The Event page records all alarm/status events.

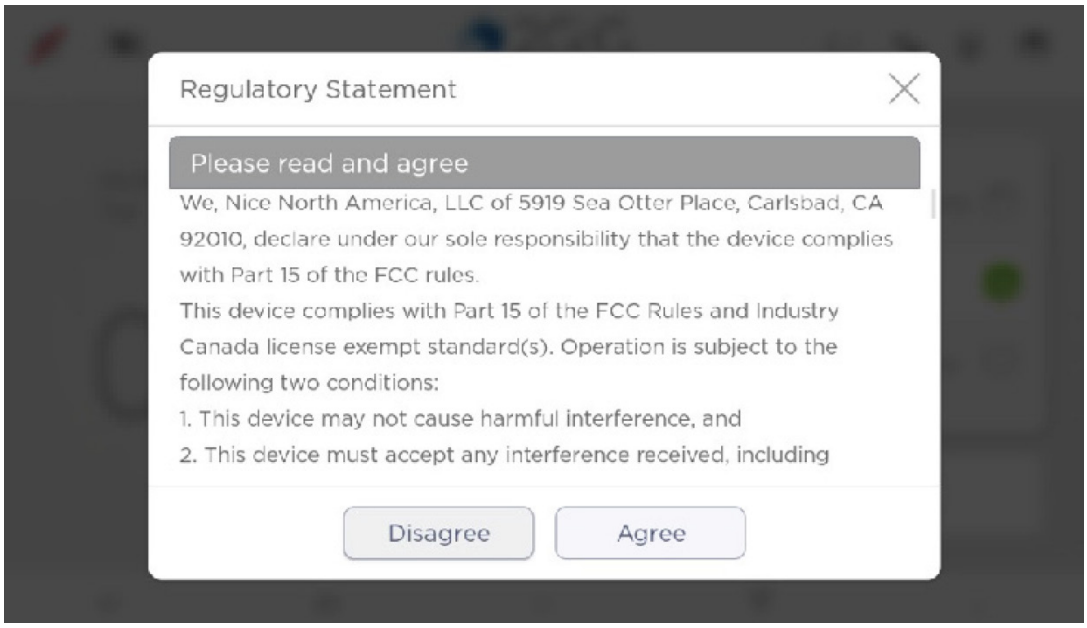


- Tap the Down icon next to “All” to select which event type to display.
- Available event types include: **All**, **Alarm**, **Arm/Disarm**, **Trouble**, and **Bypass**.



Regulatory Statement

Users must agree to the Regulatory Statement before setting up the panel.



The Regulatory Statement window will appear for agreement under the following conditions:

- When a user enters the **Installer Code** and accesses the **Settings** page for the first time.
- When a user enters the **Master Code** and accesses the **User Management** page for the first time.
- When a user taps the logo to access the **Dealer Information** page and manually opens the Regulatory Statement window.

NOTE: After performing a factory reset on the GC TOUCH, users must agree to the Statement again.

Settings

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

Accessing the **Settings** menu is only available when the system is disarmed. An error message “The operation is not allowed while the system is armed” will appear when users tap the Settings icon in **Arm Away** or **Arm Stay** mode.

To access the **Settings** menu, you must enter either the **Installer Code** (default: **1561**) or the **Master Code** (default: **1111**).

Access privileges differ between the Installer and the Master. The items displayed on the Settings page will vary depending on the code entered.

Entering the **Master Code** opens the Master User Settings menu shown below.

Entering the **Installer Code** opens the Installer User Settings menu shown below.

NOTE: The Panel will return to the Home page after 30 minutes of inactivity on the page.

Equipment Management

The Equipment Management supports Date & Time, Language, Audio Settings, System Test, Re-start, Temperature Unit, Factory Reset (Installer Mode only), and Panel Information. Other functions are currently reserved.

Date & Time

Users can select their preferred date and time format for display on the Home page. Changes are saved and applied automatically. Current time on the panel is received automatically via the cell/Wi-Fi connection.

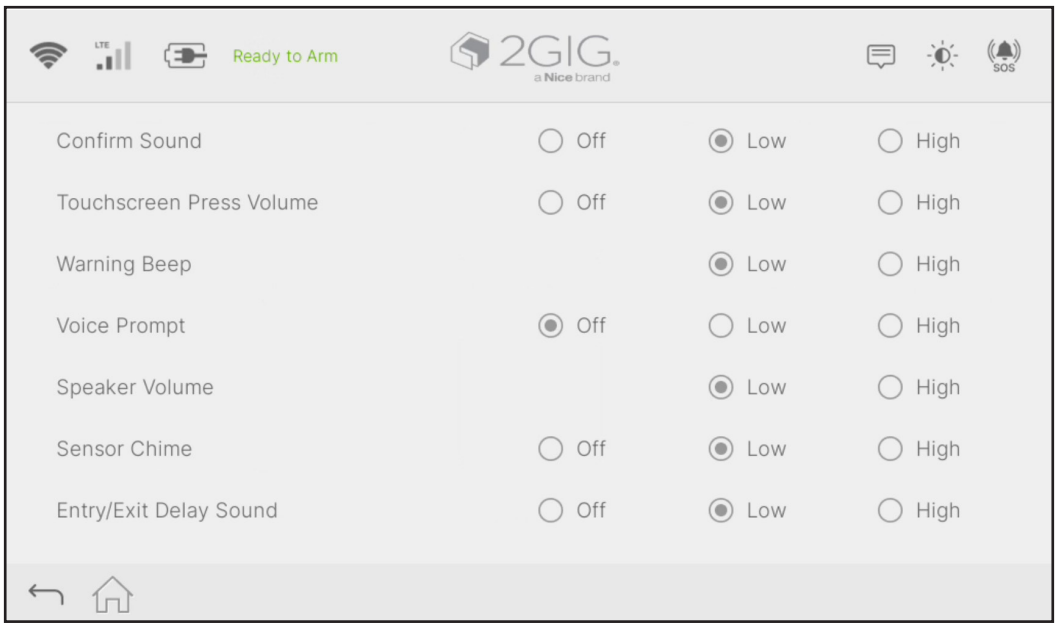
Language

After selecting a preferred language, users must restart the system for the change to take effect.

Available options: English, Spanish, and French.

Audio Settings

Select whether to mute the audio notification or change the volume level based on the audio category. Changes are saved and applied automatically.



Confirm Sound

The panel will beep based on the volume setting here when it is reporting, or mute when set to Off.

Touchscreen Press Volume

The GC Touch will make a sound as you type based on the volume setting here, or mute when set to Off.

Warning Beep

- The panel will emit a two-tone beep every 30 second when a fault is detected. Set the volume level for this audio alert.
- When “Night Mode” feature is enabled, the warning beep will be muted during the configured Night Mode period.

Voice Prompt

Set the volume level for the panel voice prompts.

Speaker Volume

Set the volume level for panel speaker during 2-way communication.

Sensor Chime

Set the volume of the Sensor Chime sound (Ding-Dong sound).

Entry / Exit Delay Sound

Set the volume level during entry/exit delay countdown for Arm Away or Arm Stay, or mute the countdown sound when set to Off.

System Test

Users can run various tests to verify different functionalities.

Walk Test

After devices have been learned into the panel, users can run a Walk Test to verify the effective signal range between the panel and the devices. Trip each device to transmit a test signal (refer to the device's user manual). When the signal is received, the device info and signal strength (RSSI value) will be displayed.

A "Walk Test Timeout" message will appear after 5 minutes of inactivity on this page.

Network Test

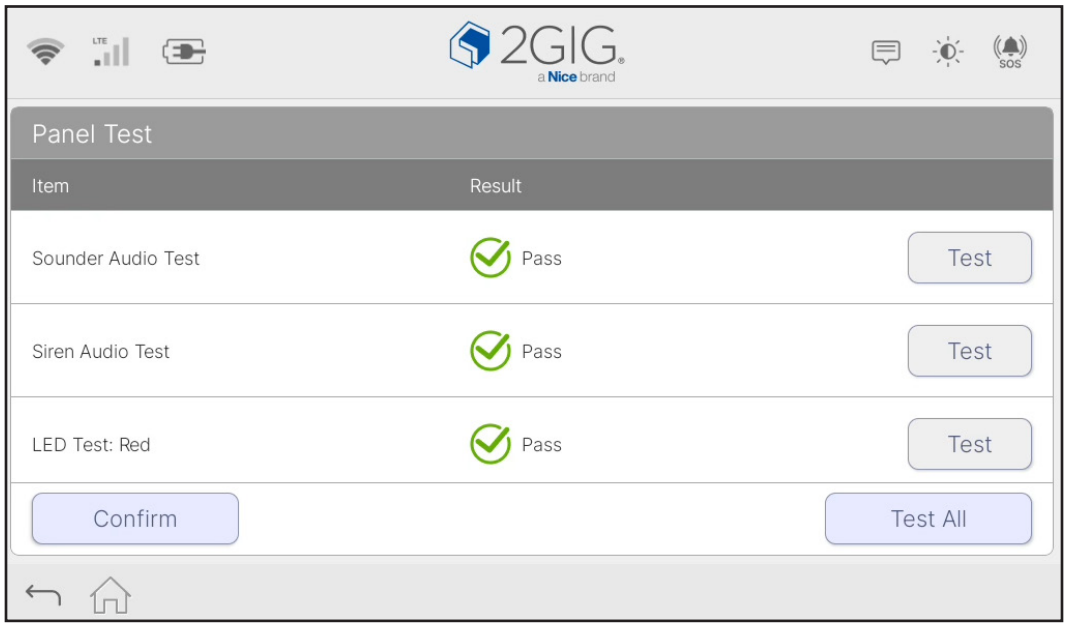
Tap “Test” at the bottom of the page to perform a network test on the LAN, Internet, and Backend connections.

- **LAN Test:** Verifies the Wi-Fi connection to the router.
- **Internet Test:** Checks if there is an active Internet connection.
- **Backend Test:** Confirms the panel can reach Alarm.com.

NOTE: Test results will be cleared if you leave this page.

Panel Test

Panel Test verifies the proper functioning of individual components, including Sounder Audio Test, Siren Audio Test, LED Test (Red, Green, Blue, White, and Off).



Tap “Test” next to each item to run individual tests, or tap “Test All” to run all tests sequentially.

During LED Tests, the Panel will illuminate the corresponding color and prompt the user with a question: “Is the LED displaying Red/Green/Blue/White?” or “Is the LED off?”

- Tap “Yes” if the LED is displaying as expected (result: Pass)
- Tap “No” if not (result: Fail)

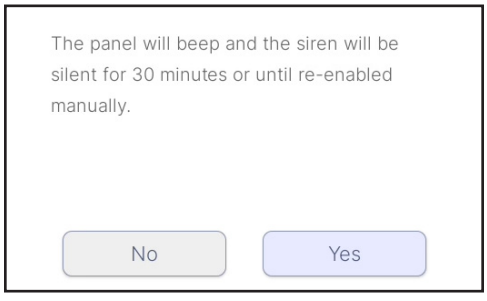
  NOTE: A response is required within 20 seconds for each prompt; otherwise, the LED Test will need to be restarted.

Cellular Test

Cellular Test verifies that the cellular module is operating properly. This includes checking the SIM status (whether it is active and correctly installed), as well as the cellular network registration and connection status.

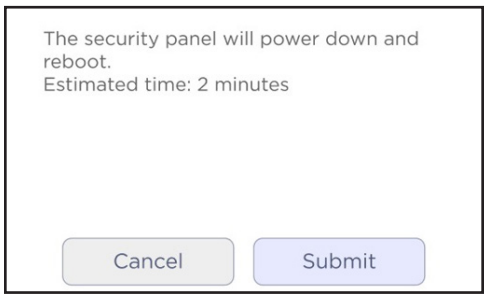
Disable Sounder

Tap **Disable Sounder** to silence the siren for 30 minutes, or until manually re-enabled.



Restart

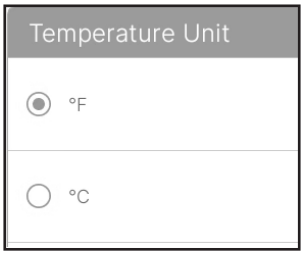
Tap **Restart** to reboot the panel. A confirmation message will appear, allowing the user to proceed or cancel the operation.



Temperature Unit

The current temperature unit will be indicated with a filled-in circle next to the unit.

Tap inside the circle to switch between Celsius and Fahrenheit.



Factory Reset (Installer Mode only)

Factory resetting the GC Touch will restore all settings (including network settings and device settings) to factory defaults, as well as remove all learned-in devices.

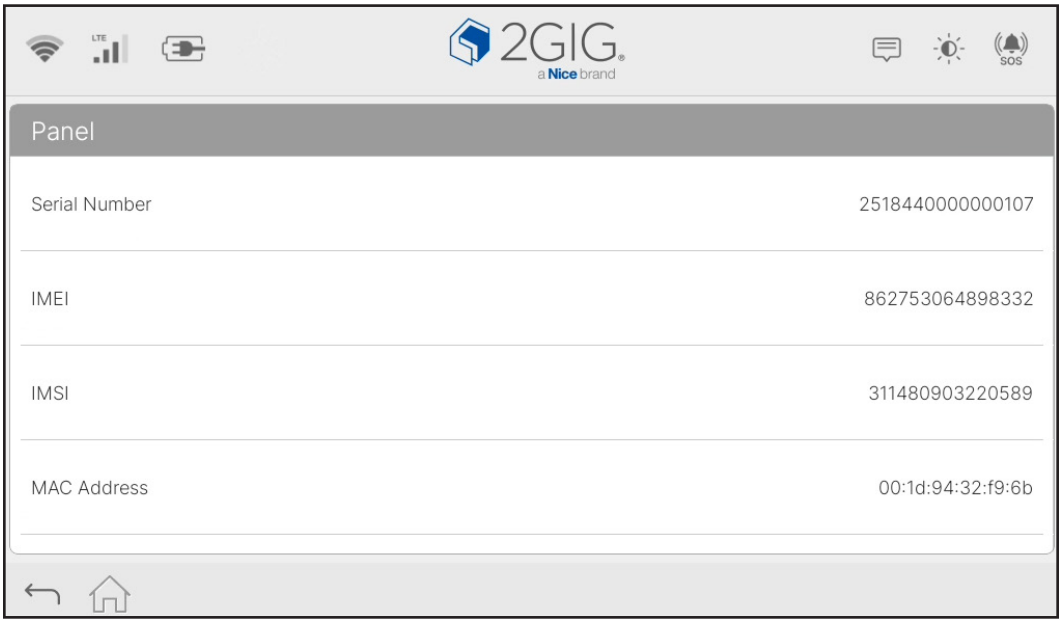
Options are selectable to keep some panel data during a Factory Reset.

- Keep the current device list - If selected the reset will not delete the installed wireless sensors.
- Keep the current user code and config - If selected the reset will not delete configured users.

A confirmation message will appear and you can then choose to proceed or cancel the operation.

Panel Information

The Panel Information page displays hardware and software details.



Panel Update

The Panel Update page will indicate if any firmware updates are available.

Screen Management

The Screen Management supports settings for Brightness, Night Mode, Screen Saver, and Clean Screen.

Brightness

Tap “Brightness” to adjust the screen brightness. The change will apply immediately.

Night Mode

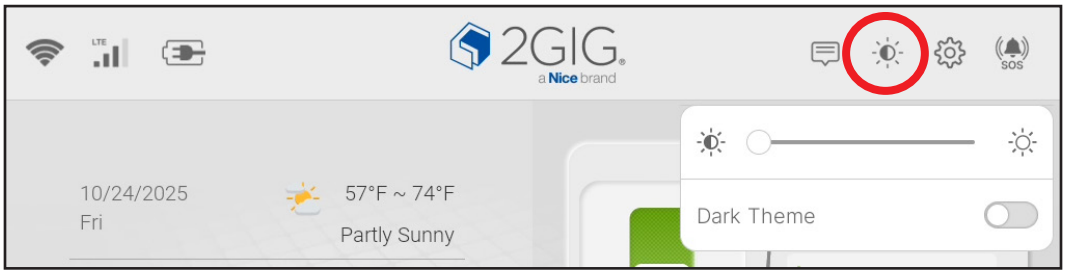
Tap “Night Mode” to set the start time for the screen to automatically switch each day to night mode.

If Night Mode is turned off (default), the Start time setting will be disabled.

Slide the Night Mode switch to the right to enable the feature. When enabled, the panel will automatically silence trouble beeps for 12 hours from the set Start time.

Manual Light/Dark Mode Switch

Users can manually switch between light and dark modes at any time by tapping the Brightness/ Dark Theme button on the Home page and using the Dark Theme toggle switch and Brightness slide bar.



Screen Saver

After the screen remains idle for the duration defined in Sleep Mode Timer, the Panel screen can be configured to go **Blank**, to display the current **Date & Time**, or to enter **Photo Frame** mode.

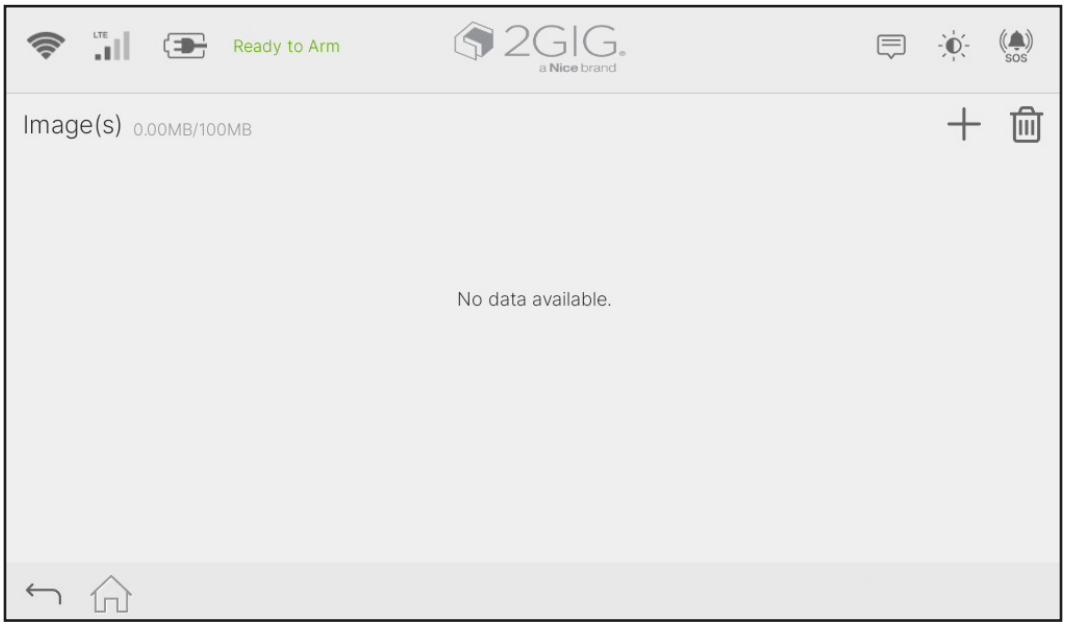
Sleep Mode Timer

Set the duration of inactivity after which the panel enters **Screen Saver** mode.

Photo Frame Settings

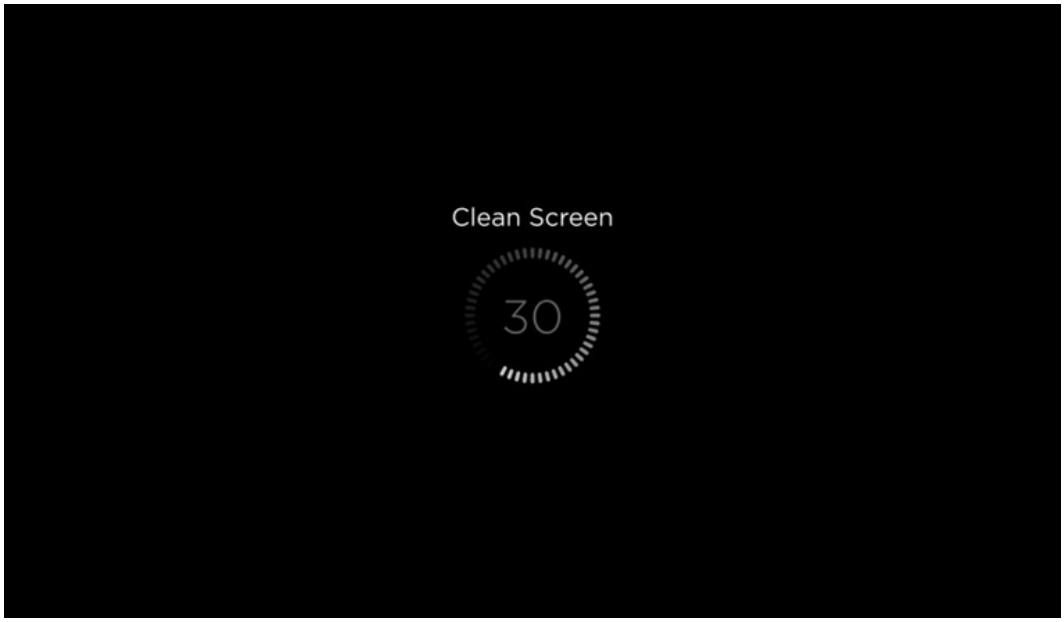
The Photo Frame screen displays all uploaded images that may be used during Screen Saver mode if the Photo Frame option is selected.

To upload new or additional images, click on + and follow the directions.



Clean Screen

Tap Clean Screen to clean the screen. Any operation and touch input will be temporarily disabled during the 30-second countdown.



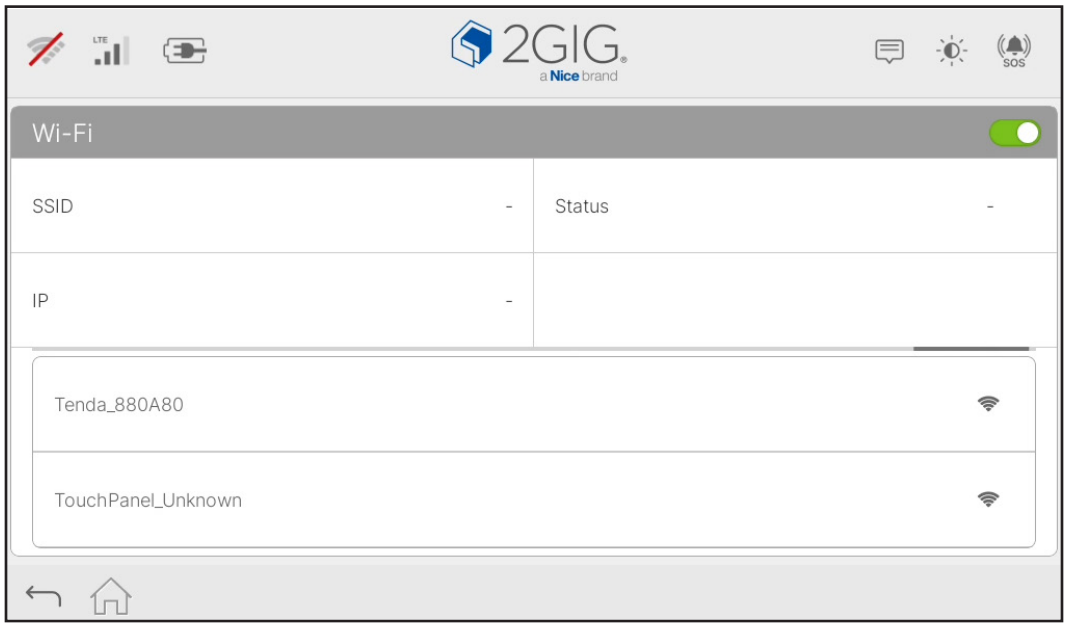
Wi-Fi

The Wi-Fi page includes two features: Wi-Fi and Access Point.

Wi-Fi

Use the toggle switch on this page to enable or disable the Wi-Fi function.

When Wi-Fi is enabled, the panel will continuously scan for available networks and display them in a list. Select a network to connect, and enter the password.



- The status will show "**Connecting**" during the connection process and "**Disconnected**" if the connection fails.

- Once connected successfully, the status will change to "**Connected**", and the SSID and IP address will be displayed.

Scroll all the way to the bottom of the Wi-Fi list to find the “**Add Network**” option. Tap to open the Add Network screen which allows users to manually enter credentials to join a hidden Wi-Fi network.

Access Point

Use the toggle switch to enable or disable the Access Point function for hotspot sharing. Tap “Edit” to modify the SSID and password as needed.

User Management

If the Master Code is used to access Settings, tapping the User Management button takes the user directly to the Standard Users screen (see the **Standard Users** section below). If the Installer Code is used to access Settings, the user is taken to the screen shown below. Installers can configure system user accounts and adjust PIN code settings.

Manage Users

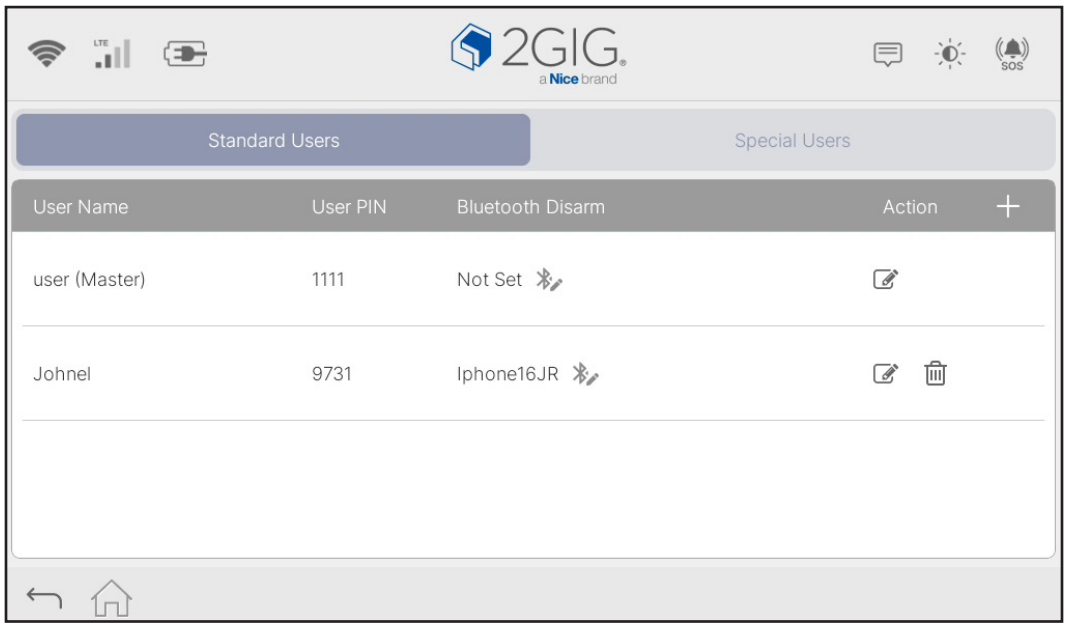
User Management contains two categories: Standard Users and Special Users.

Standard Users

Standard Users are listed in the order they were created (from oldest to newest).

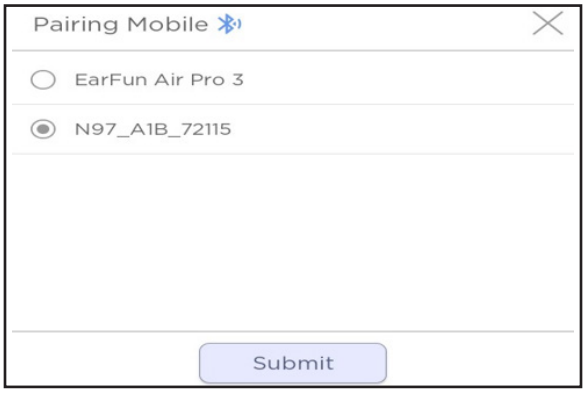
New users can only be added in the Standard Users section.

The first Standard User is designated as the Master User; their User PIN serves as the system's Master Code, which is required for accessing the system setting.

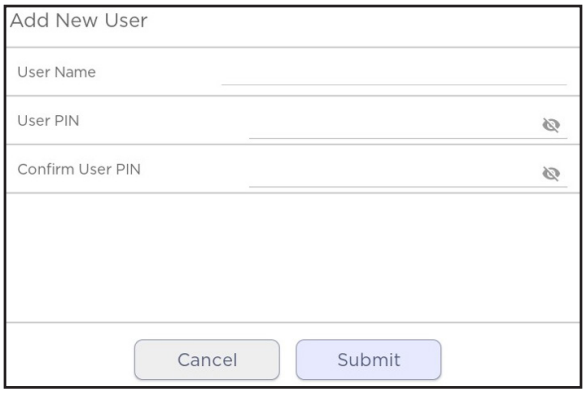


- **Bluetooth Disarm:** disarms the system using paired Bluetooth devices.
  - Show the device name if a phone is paired.
  - Show “Not set” if no Bluetooth device is paired.

  When the Edit icon next to “Not Set” is tapped, a “Pairing Mobile” window will appear to allow device selection and pairing.



- **Action:**
  - Tap the Edit icon to modify the User name and/or User PIN.
  - Tap the Trash can icon to delete the user.
- **Add :**
  - Tap Add to open a window for adding new users.

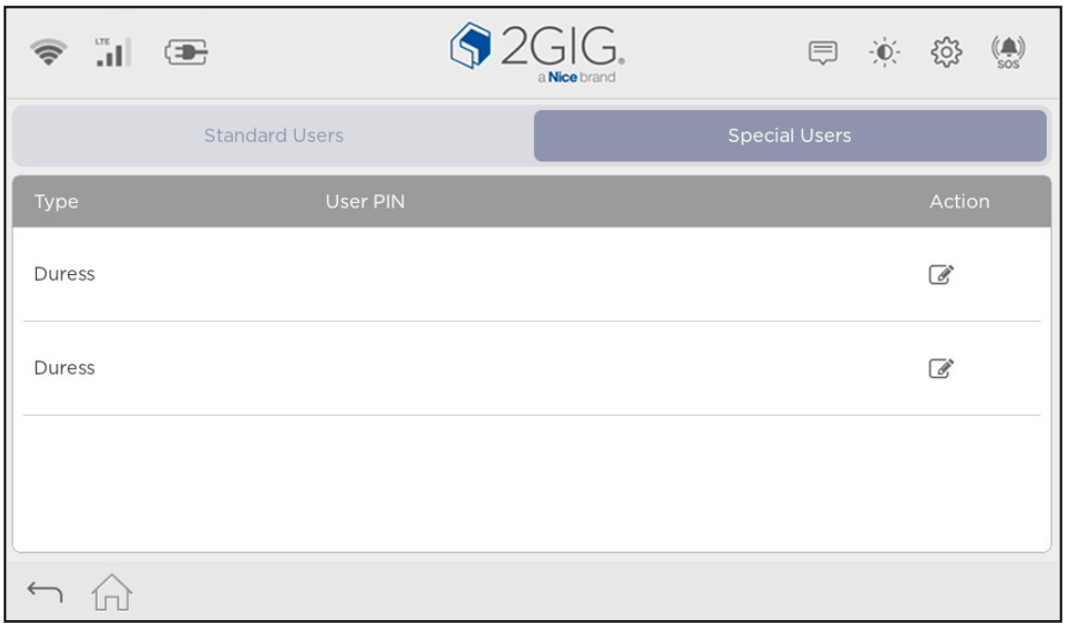


  - The User Name can contain up to 18 characters, and the User PIN is limited to 4 or 6 digits. If the entered User PIN duplicates an existing code, an error message will prompt the user to enter a different one.

Special Users

Special Users contains settings for the Duress user. Functions such as adding and deleting users are not supported. Users can only edit the PIN code. A Duress code will send a silent “panic” alarm to the central station when used on Arm, Disarm, or System Settings keypads.

NOTE: Duress code does not create a duress signal when used on the Scenes keypads.



PIN Code Length

PIN Code Length is to set the number of digits for users’ PINs.

- If the PIN length is changed to 4 digits, all previously set 6-digit PINs will be truncated to the first 4 digits (e.g., “123456” becomes “1234”).
- If the PIN length is changed to 6 digits, all previously set 4-digit PINs will be appended with “00” (e.g., “1234” becomes “123400”).

Automation Device

Users can view the enrolled automation Z-Wave devices, add new ones, and delete them from this page.

Device List

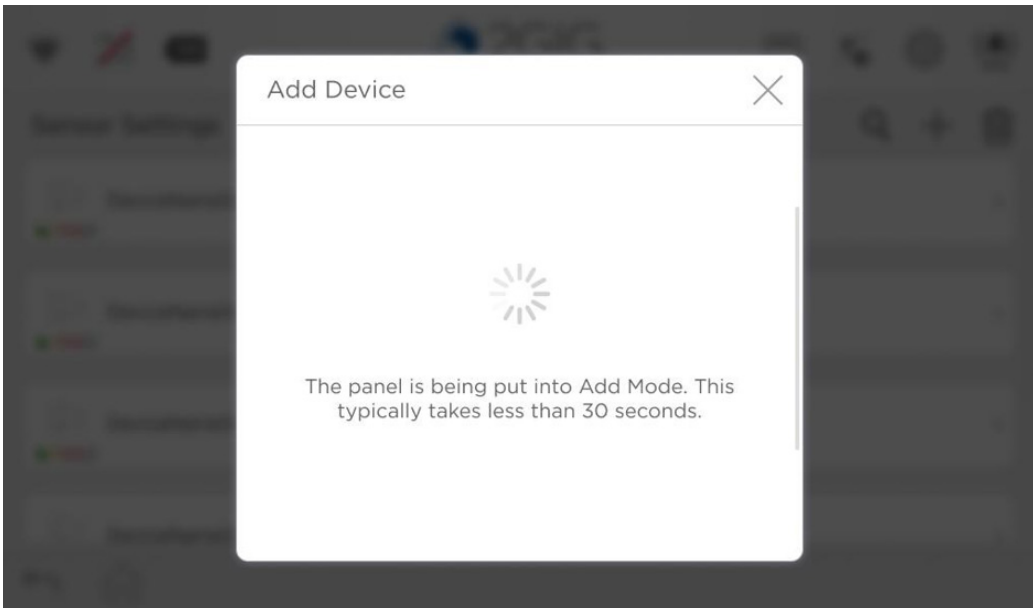
This page displays all enrolled security devices. Users can tap a device to view its information and settings. Tap on the name to open the keyboard and rename the device.

Press the Submit button to update the device with the new name.

Add Device

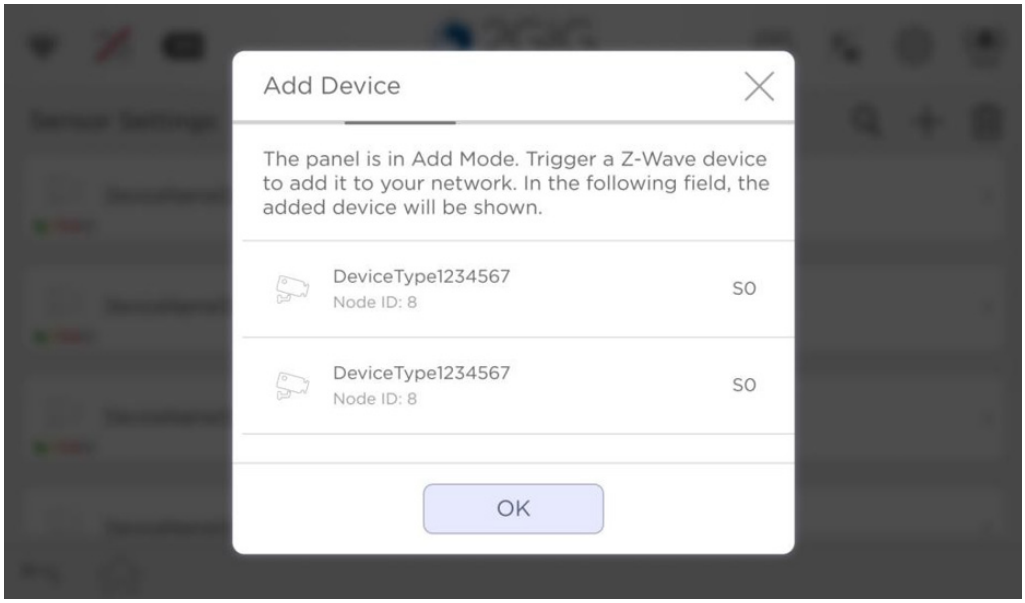
1) Tap "**Add Device**" to include automation devices.

   The Panel will first enter Add Mode within 30 seconds and then begin scanning for Z-Wave devices.



2) Trigger the device(s) to be added; once detected, the triggered device(s) will be automatically included in the network.

   The screen will display a list of added devices along with their corresponding Z-Wave security levels on the right.

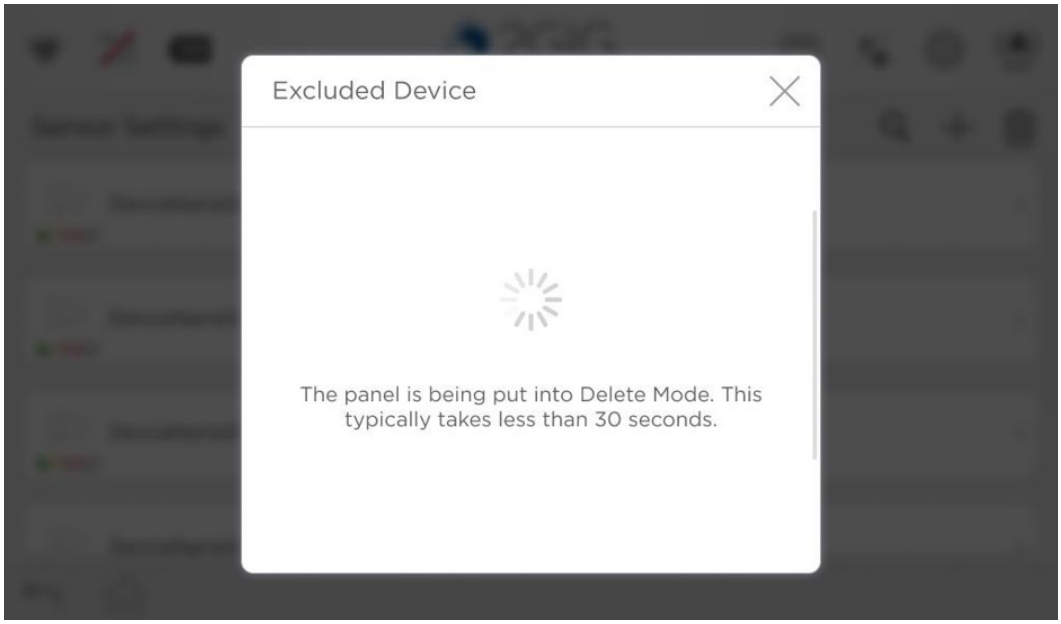


NOTE: It is recommended to "Remove" new devices before adding them to clear any previous network data that will block the device from being added to the panel.

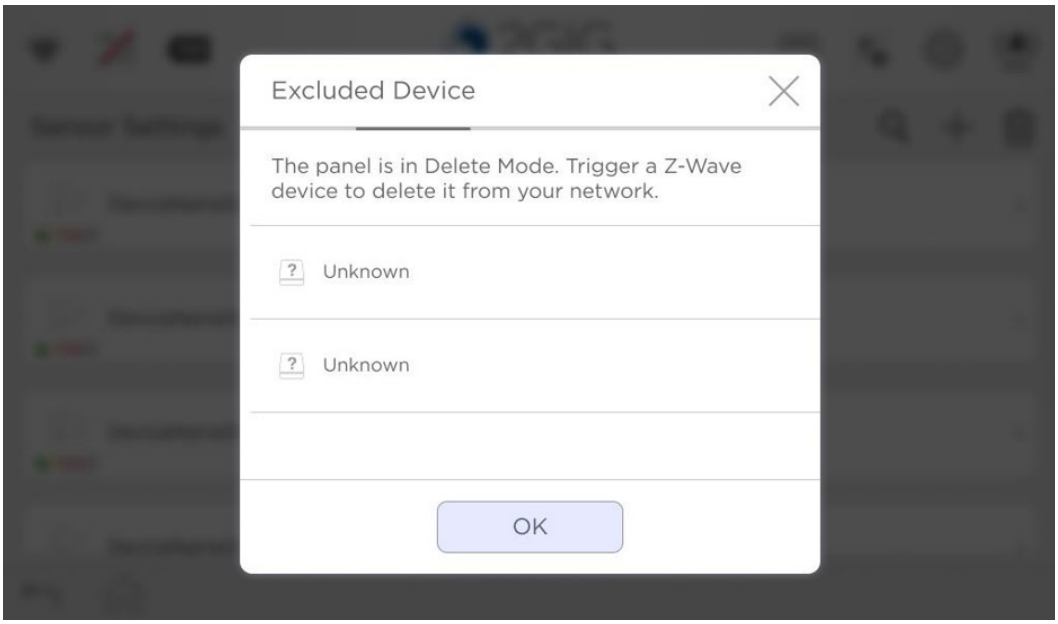
Remove Device

1) Tap “**Remove Device**” to exclude automation devices.

   The Panel will first enter Delete Mode within 30 seconds, and then begin scanning for Z-Wave devices.



2) Trigger the device(s) to be excluded. Once detected, the triggered device(s) will be listed.
3) Tap “**OK**” to delete them all from the network.



One-time Bypass

The Installer or Master User can choose to bypass a selected device as a one-time bypass (which lasts until the system is disarmed).

Cross Zone

The Installer User can choose to set up cross zones, so that the system will issue an alarm only when all the zones included in the cross zone selection are tripped. Any burglar zone types programmed into the panel can be selected to create the cross zone configuration.

Sensor Settings

Sensor Settings is available only to Installer Users. This page displays all enrolled devices/sensors and allows users to add, edit, or delete devices. The Sensors Settings screen is divided into a left panel and a right panel.

Sensor List (Left Panel)

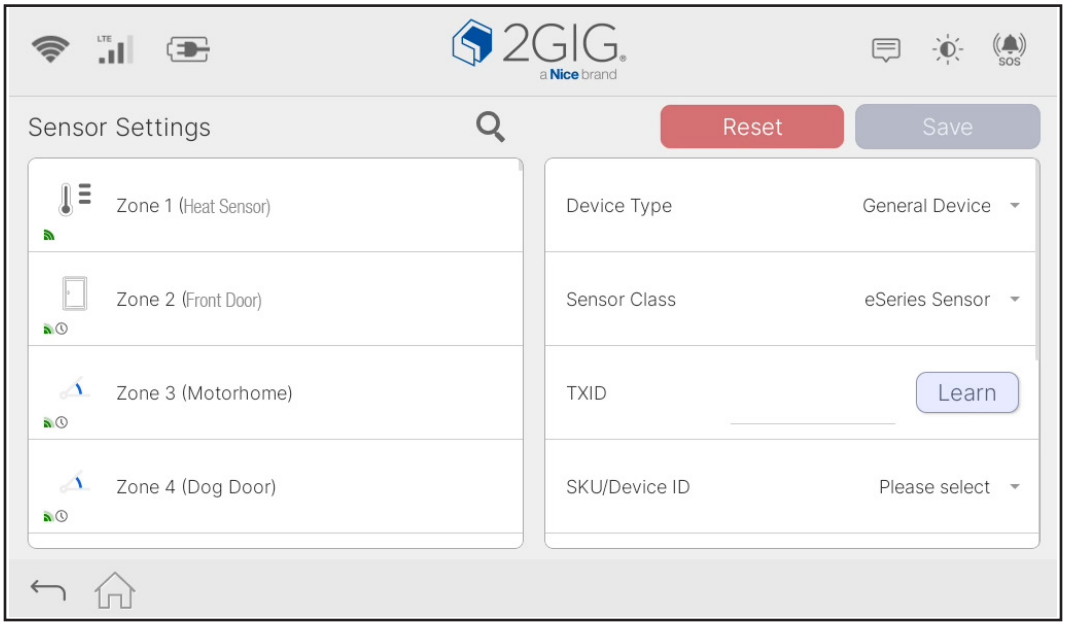
- This section displays all 128 zones.
- Use the Search function to quickly find a device by entering a keyword, instead of scrolling through the full list.
- For occupied zones, the device name (if provided) and the zone number are displayed. Empty zones are labeled as (Empty).
- Selecting an empty zone allows users to manually add a device or select Quick Add to “learn” a new device.

Sensor Info (Right Panel)

- When first entering the Sensor Settings screen, the right panel will display the “Manual Add” and “Quick Add” options.
- When a device is selected from the sensor list on the left, the right panel displays detailed information and settings for the selected sensor, which can be edited and configured.
- If changes are made and the user attempts to leave the page or select another device without saving, a prompt will appear, asking whether to discard the changes or continue editing.
- Tapping the “Reset” button while a device is selected will remove (delete) the device from the zone.

Manual Add

When selected, “Manual Add” will display the zone settings allowing an installer to manually configure each of the zone parameters. (The TXID can still be learned from this option by selecting the “Learn” button.)



Manual Configuration Options:

- Device Type
  - General Device
    Select for all security and life safety devices.
  - Keyfob
    Select to install and configure a keyfob.
  - Keypad
    Select to install and configure a keypad.
- Sensor Class
  - Select from “eSeries Sensor (encrypted)” or “Unencrypted Sensor.”
- TXID
  - Manually type in the sensors TXID or tap the “Learn” button.
    If the “Learn” button is selected, the panel will display “Scanning...” and will then populate the TXID with the first device it hears.
- SKU/Device ID
  - Select from the drop-down list of available devices.
    Device ID must be configured to continue the Loop Type and Group programming.
- Loop Type
  - Select from the drop-down list the associated sensor loop number.
    See the sensor manual for loop details.

- Group
  - Select from the drop-down list the zone type to configure the zone response. See the Group Programming section for detailed descriptions.

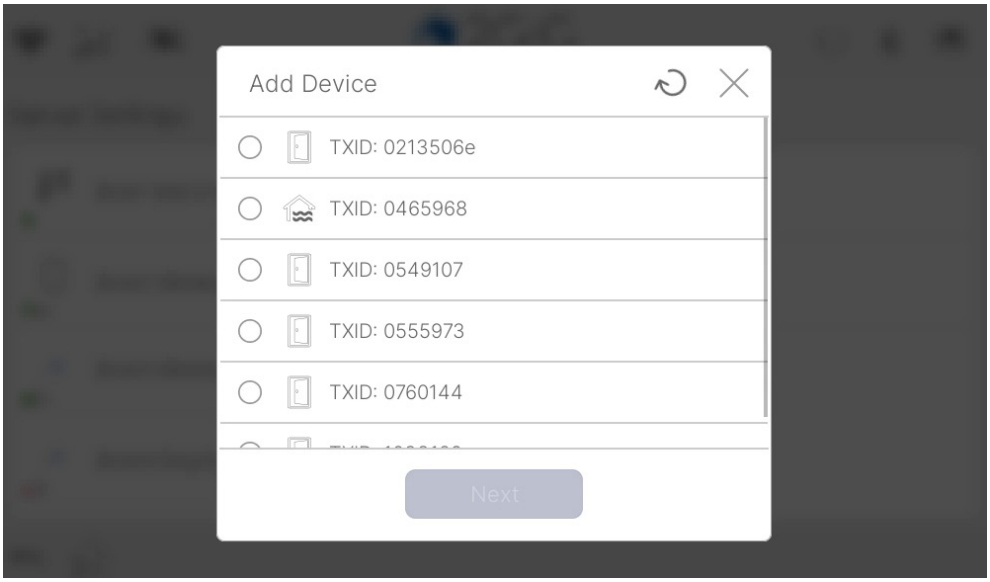
    NOTE: The group list is limited by the SKU/Device ID selected.
- Chime Type
  - Select from the drop-down list the Chime option.
  - Default is “Disable,” no Chime.
- Name
  - Tap the Name section to display the keyboard and type in a name for the zone.

    NOTE: The zone naming is not restricted to a panel library. Suggested words will be displayed when typing, but words are not restricted to what is displayed. Zone names will be displayed on the panel to identify the zone, but detailed voice descriptions of the zone are not available for chime or annunciations.
- Voice
  - If “Voice Only” is selected in the “Chime Type” section, use this section to select up to five words to identify the sensor.
  - When satisfied with voice settings, click the “Submit” button.

When configuration is complete tap the “Save” button at the top right of the screen to save the zone setup.

Quick Add

When selected, “Quick Add” will activate the panel to start listening for new devices and will display a pop-up that will create a list of found TXIDs.

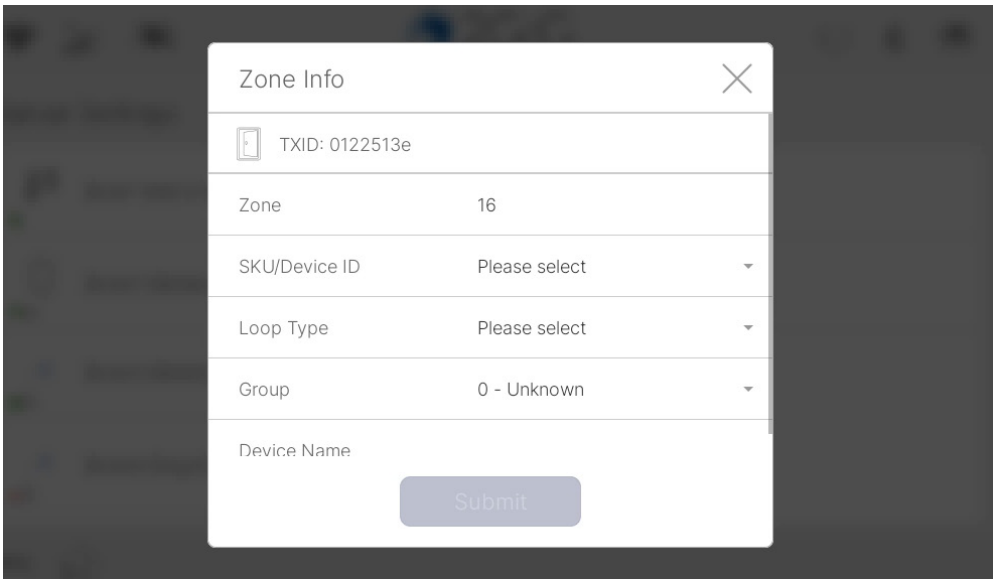


The installer can then select the ID from the list and press “Next” to continue to the Zone Info and configuration.

Zone Info will display the TXID selected and the Zone number at the top of the screen.

The installer should select the programming option from the SKU/Device ID drop down list. Once selected, the Loop number and Group will be populated. This option can be changed if needed.

Scroll down and tap by the “Device Name” to display the keyboard and type in a name for the zone.



NOTE: The zone naming is not restricted to a panel library. Suggested words will be displayed when typing, but words are not restricted to what is displayed.

Zone names will be displayed on the panel to identify the zone, but detailed voice descriptions of the zone are not available for chime or annunciations.

Tap the “Submit” button to save the configuration.

Group Programming

Group	Description
(01) Exit/Entry 1	This sensor type is reserved for sensors that are used for exit and entry of the protected premises. When the system is armed in the **Stay** or **Away** mode, the exit delay timer starts. There is an exit delay regardless of whether the system is armed in **Stay** or **Away** mode. When the exit delay timer expires, the system is fully armed. When this type of sensor is triggered, the **Entry Delay 1** timer starts. The system must be disarmed before the **Entry Delay 1** timer expires, or an alarm will occur. If the entry delay timer is turned OFF during arming, the exit/entry delay sensors will act as non-delayed instant sensors at the end of the exit delay.
(02) Exit/Entry 2	This sensor type operates the same as the **Exit/Entry 1** sensor type except that it starts the **Entry Delay 2** timer. This provides a method of having a longer entry delay on certain openings, such as a garage door, to provide the end user more time to disarm the system.
(03) Perimeter	This sensor type is for perimeter doors and windows that will not be used to enter or exit the protected premises while the system is armed. An instant alarm will occur when this type of sensor is triggered with the system armed in either the **Stay** or **Away** mode.
Group	**Description**
(04) Interior Follower	This sensor type is for interior sensors, such as motion detectors, interior doors, and other sensors that detect human presence inside the protected premises. This type of sensor is called a “follower” due to its action when the system is armed. In the **Away** mode. After the exit delay expires and the system is armed, if an interior follower sensor is triggered, an instant alarm will occur. If an exit/entry delay sensor is triggered first, the interior follower sensor will also be delayed. Interior follower sensors are always bypassed and not active when the system is armed in **Stay** mode. This allows the premises to be occupied while still protecting the perimeter.
(05) Day Zone	This sensor type is the same as a perimeter zone, except that when the system is disarmed, a violation displays a trouble alert on the Console’s display. This type of sensor is commonly used to protect sensitive areas that require notification and possibly a Central Station trouble report, but not an alarm when the system is disarmed.
(06) 24-Hour Silent Alarm	This sensor type is active independent of the system arming status. The code for silent panic is sent to the Central Station, but for safety, there are no visual or audible indications locally that this sensor type has been triggered.
(07) 24-Hour Audible Alarm	This sensor type is continuously armed 24-hours-a-day. A sensor programmed to this type will trigger a local alarm and the bell output regardless of the mode the system is in. This sensor type is typically used for an audible panic alarm.

(08) 24-Hour Auxiliary Alarm	This sensor type is continuously armed 24hour-a-day. A sensor programmed to this type will trigger an alarm regardless of the mode the system is in. The bell output will not activate, but the local sounder will continue until it is acknowledged at the Control Panel. This sensor type is typically used for a monitoring device, such as a flood or temperature sensor. There is no time out for the internal sounds; it will continue until a user code is entered.
(09) 24-Hour Fire	This sensor type is continuously armed 24-hours-a-day. A sensor programmed to this type will trigger the local alarm fire sounder and the bell output regardless of the mode the system is in. This sensor type is typically used for wireless smoke detectors. This sensor type is always active and cannot be bypassed.
(10) Interior with Delay	This sensor type operates as a delayed sensor when the system is armed in the **Away** mode, and when triggered, will start the **Entry Delay 1** timer. If the system is armed in **Away** mode with no **Entry Delay** (armed instant), this sensor type will trigger an instant alarm. If the system is armed in **Stay** mode (or **Stay** mode with no **Entry Delay**), this sensor type will be bypassed.
(14) 24-Hour Carbon Monoxide	This sensor type is continuously armed 24-hours-a-day. A sensor programmed to this type will trigger the local alarm pulse sounder and the bell output regardless of the mode the system is in. This sensor type is typically used for wireless carbon monoxide detectors. This sensor type is always active and cannot be bypassed.
Group	**Description**
(16) 24-Hour Fire Verification	This sensor type is continuously armed 24-hours-a-day. A sensor programmed to this type can trigger the local alarm fire sounder and the bell output regardless of the mode the system is in. This sensor type is typically used for wireless smoke detectors. This sensor type is always active and cannot be bypassed. For verification, this sensor type must be violated twice in two (2) minutes, or remain violated for 30 seconds. If any other fire sensor (verified sensor type or not) violates within two (2) minutes, both sensors will cause a fire alarm.
(23) No Response Type	This sensor type is a special zone that is not monitored for activity or inactivity by the Central Station. It does not affect security system status.
(24) Silent Burglary	This sensor type is for silent triggering the burglary alarm with perimeter doors and windows that will not be used to enter or exit the protected premises while the system is armed. The Control Panel's sounder and the bell output will not activate. An instant silent alarm will occur when this type of sensor is triggered with the system armed in either the Stay or Away mode.
(32) Remote Device Special Zone with Wireless Repeater	This zone type is selected by the installer when pairing the panel with peripheral devices that can utilize localized troubles (such as RF jam, low battery, tamper, or AC loss detected by the peripheral device). This sensor is continuously active and will cause a trouble at the panel for all problem conditions. When the panel is in an armed state, this sensor type will cause an alarm for TAMPER and RF JAM. All trouble conditions will be sent to the monitoring station if reporting is enabled with the exception of AC LOSS. This will only be displayed at the panel.

Bluetooth Management

The Bluetooth Management page offers two functions: **Bluetooth Disarm** and **Bluetooth Settings**.

Bluetooth Disarm

Users can disarm the system using paired Bluetooth devices. This feature is available only when AC power is connected and the Bluetooth is enabled.

When tapping “Bluetooth Disarm,” all paired Bluetooth devices will be listed. To remove a paired device, tap the trash can icon. The removal will also be reflected in the **User Management** section.

Bluetooth Settings

Tapping “Bluetooth Settings” opens two options: **Bluetooth** and **Bluetooth Disarm Timeout**.

Bluetooth

Enable or disable Bluetooth feature. This feature must be turned on to allow disarming via the paired Bluetooth devices.

Bluetooth Disarm Timeout

This setting adjusts the time the panel waits after it is armed away before it allows a Bluetooth device to disarm it. This is to give users enough time to distance themselves from the system in order to prevent accidental disarms.

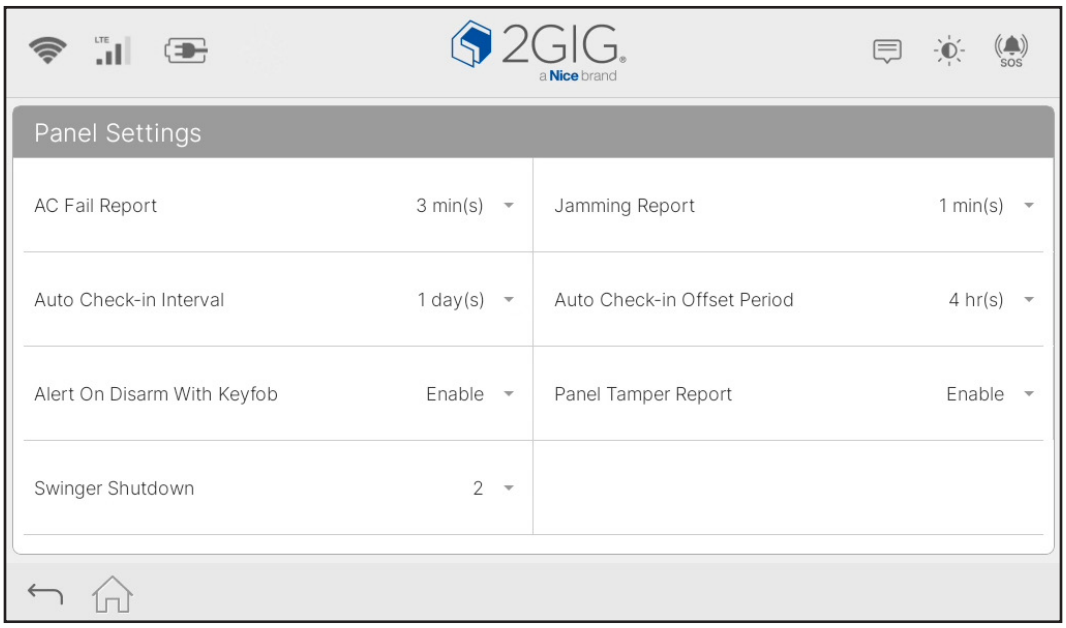
The settings will apply immediately.

Advanced Settings

The Advanced Settings page is only available to Installer Users. Advanced Settings provides 3 main settings: **Panel Settings**, **System Settings**, and **Installer Code**.

Panel Settings

Tap **Panel Settings** to access additional system configuration options.



AC Fail Report

Select how long the panel should wait during a power loss before reporting an AC failure.

Jamming Report

Set the interval for repeated jamming reports if signal jamming is detected.

Auto Check-in Interval

When enabled, the panel automatically sends periodic check-in reports to indicate normal operation.

Select the interval between auto check-in reports.

Auto Check-in Offset Period

After the system powers on or reboots, the first auto check-in report is sent based on this offset period setting. Subsequent reports will follow the regular interval set in the Auto Check-in Interval.

Select how long the system should wait before sending the first auto check-in report after powering on.

Alert on Disarm with Keyfob

When the system is disarmed using a keyfob during an active alarm, a unique sound alert will be emitted if this function is enabled.

Panel Tamper Report

When enabled, the system will send a Panel Tamper Report if a tamper fault is detected. The Panel must bypass the fault to arm the system.

When disabled, the system will not send a Panel Tamper Report, and it can be armed.

Swinger Shutdown

Set the number of trips from a zone during a single arming period before the zone is ignored.

User Code Masking for Installer

When User Code Masking for Installer is enabled, the user PINs listed in the Manage Users screen will appear as “****” instead of the actual code.

System Settings

Tap **System Settings** to access additional system configuration options for the GC TOUCH.

Supervision Check

- When enabled, the panel will monitor supervision signals from learned-in devices.
- When disabled, supervision signals will not be monitored.

Supervision for Fixed Device

Select the interval for receiving supervision signals from fixed devices such as PIRs, Door Contacts, etc.

Alarm Length

Configure the duration that the siren should sound during an alarm event.

Entry/Exit Only Final Beeps

- Defines when the panel emits warning beeps during entry or exit countdown periods.
- If set (e.g., to 5 seconds), it will emit warning beeps only during the final 5 seconds of the countdown.
- When disabled, beeps will sound throughout the entire countdown duration.

Exit Time Restart

When enabled the Exit Time will restart when an Entry/Exit zone is tripped during the exit time.

The restart will only happen one time during and exit timer cycle.

If Disabled the timer will not restart.

Auto Stay

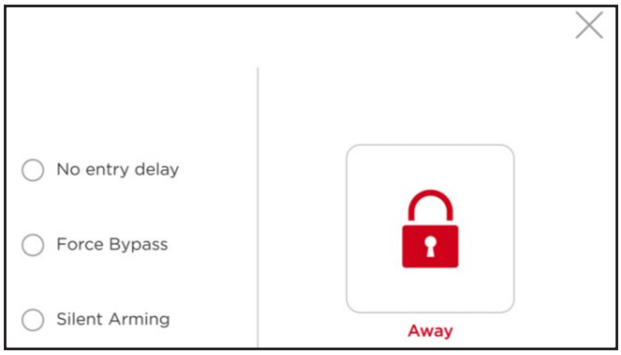
When enabled, the system will automatically switch to Arm Stay mode if the user selects Away but no exit delay sensor (e.g., a Door Contact) is triggered during the exit delay period.

Quick Exit

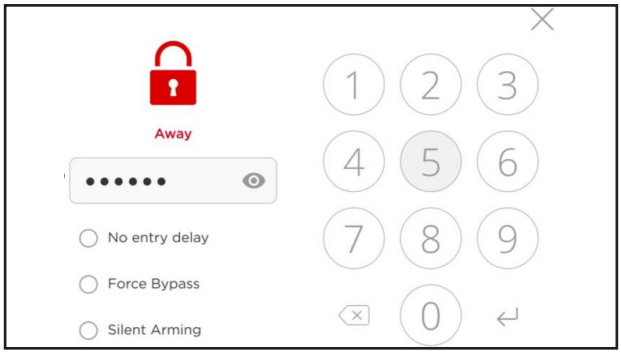
When enabled, a "**Quick Exit**" button will appear under the time in the Security page. Tapping it will initiate a 60-second exit delay without the option to extend it via the Add 30 Seconds button.

Quick Arming

- When enabled, the system can be armed without entering a User PIN.



- When disabled, entering a User PIN is required to arm the system.



Dialer Delay

- Sets the system Dialer Delay time. Delays the transmission of the alarm signal to the central station.

Dialer Delay Annunciation

- When enabled the panel will beep twice when the alarm is aborted.

Cancel Annunciation

- When enabled the panel will sound three beeps when the system sends an “Alarm Canceled” event to the Central Station.

Auto Unbypass for Manual Bypass

- When enabled, a Zone that is manually bypassed in “One-time Bypass” will be unbypassed when the panel is disarmed.
- When disabled, a Zone that is manually bypassed in “One-time Bypass” will remain bypassed when they system is armed and disarmed.

Arm Away/Arm Stay

Entry and Exit Delay timers are configured individually for the Arm Away and the Arm Stay modes.

Entry Delay Time 1

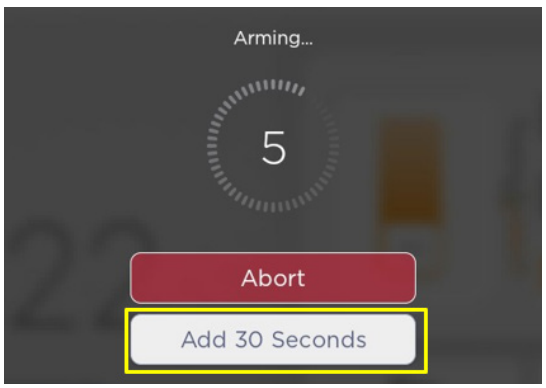
- Set Entry Delay Timer 1 for armed mode. When a sensor configured with Start Entry Delay 1 is triggered, the panel will start the countdown based on the time set here.
- If the system is not disarmed before the countdown ends, an alarm will be activated.

Entry Delay Time 2

- Set Entry Delay Timer 2 for armed mode. When a sensor configured with Start Entry Delay 2 is triggered, the panel will start the countdown based on the time set here.
- If the system is not disarmed before the countdown ends, an alarm will be activated.

Exit Delay Time

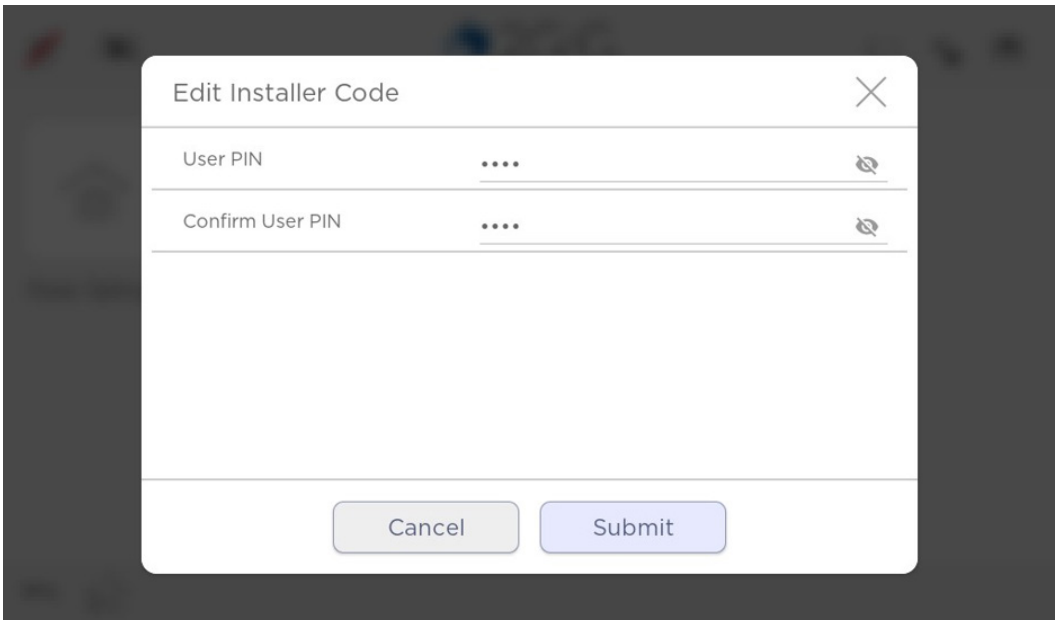
- Set Exit Delay Timer for arming the system. When the system is armed, the panel will begin counting down based on the configured time and will switch to armed mode once the countdown ends.
- Users must leave the area protected by entry/exit sensors before the countdown finishes; otherwise, an alarm will be triggered.
- If additional time is needed, tap "**Add 30 Seconds**" to extend the countdown. The extension can only be applied once per arming cycle.



Installer Code

Tap Installer Code to change the Installer Code as needed. The length (4 or 6 digits) of the Installer Code depends on the setting for PIN Code Length.

If the new PIN entered duplicates an existing code, an error message will appear.



Panel Update

Users can perform a firmware update by connecting a flash drive containing a newer firmware version to the Type-C port on the back of the panel.

Update Requirements

To initiate the update, the following conditions must be met:

a. The system must be disarmed.

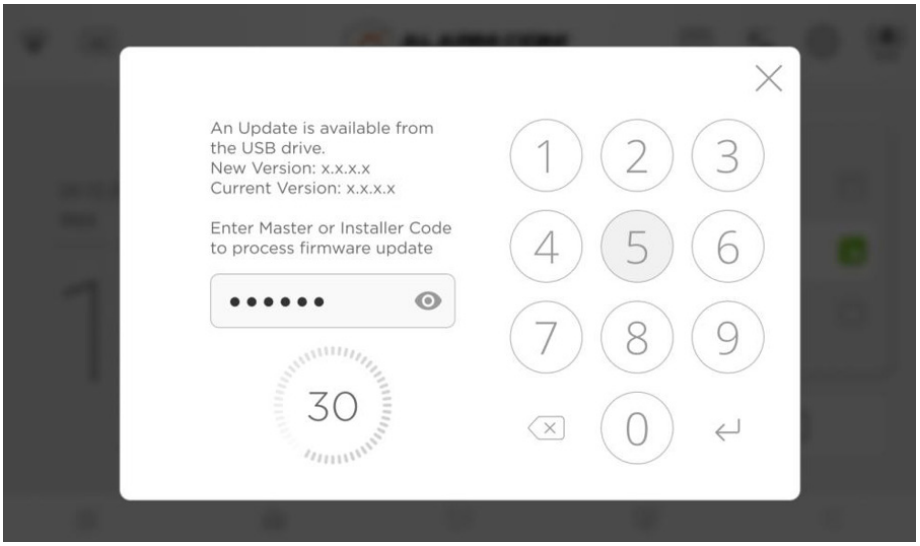
b. The panel must be connected to AC power.

c. Battery level must be above 20%.

Additionally, ensure the flash drive contains the newer version in ".zip" format only.

Update Process

1) Plug the flash drive into the Type-C port. Use a USB Type-A to USB Type-C adapter if necessary.
2) When the panel detects a newer firmware version, it will prompt the user to enter the Installer or Master Code regardless of the current screen, and begin a 60-second timer.
3) Enter the Installer or Master Code within 60 seconds, then press ↵.



- If the code is correct, the system will automatically proceed with the update.
- If the code is incorrect, the message "Wrong Master Code" will appear.

  NOTE: If no code is entered before the 60-second timer expires, the PIN Code keypad will disappear and a firmware update icon will appear, indicating a pending firmware update.

- If the flash drive is removed, the update icon will disappear.

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