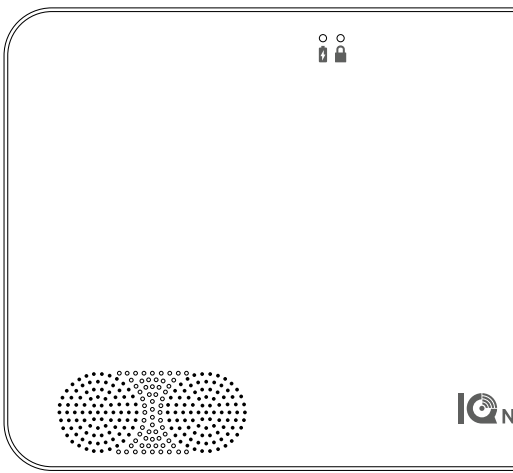
IQ PANEL 5 IQ5 HUB IQ5 NS

INSTALLATION MANUAL

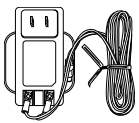
IQ Panel 5, IQ5 Hub, IQ5 NS
Software Version 5.0.0

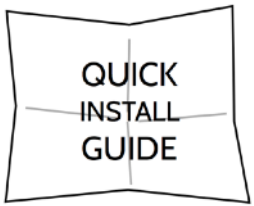


INCLUDED IN BOX

IQ Panel 5, IQ5 Hub or IQ5 NS

Power Supply





ABOUT THIS GUIDE

This document outlines the basic hardware specifications and software directions to install and customize the IQ Panel 5, IQ5 Hub or IQ5 NS. Note that the information presented is not comprehensive, but is specifically dedicated to those menus, features, and systems accessible solely to those with the proper installation code. Features accessible to users and installers alike are outlined in the IQ Panel 5, IQ5 Hub or IQ5 NS User Guide. In this document, reference to "EN Grade 2" refers to EN50131 Grade 2 Certified product. The information contained herein is proprietary, and is solely owned by Qolsys Inc. Any reproduction, modification or distribution without permission is strictly prohibited.

SUPPORT

QUESTIONS?

Contact us at
techsupport@qolsys.com

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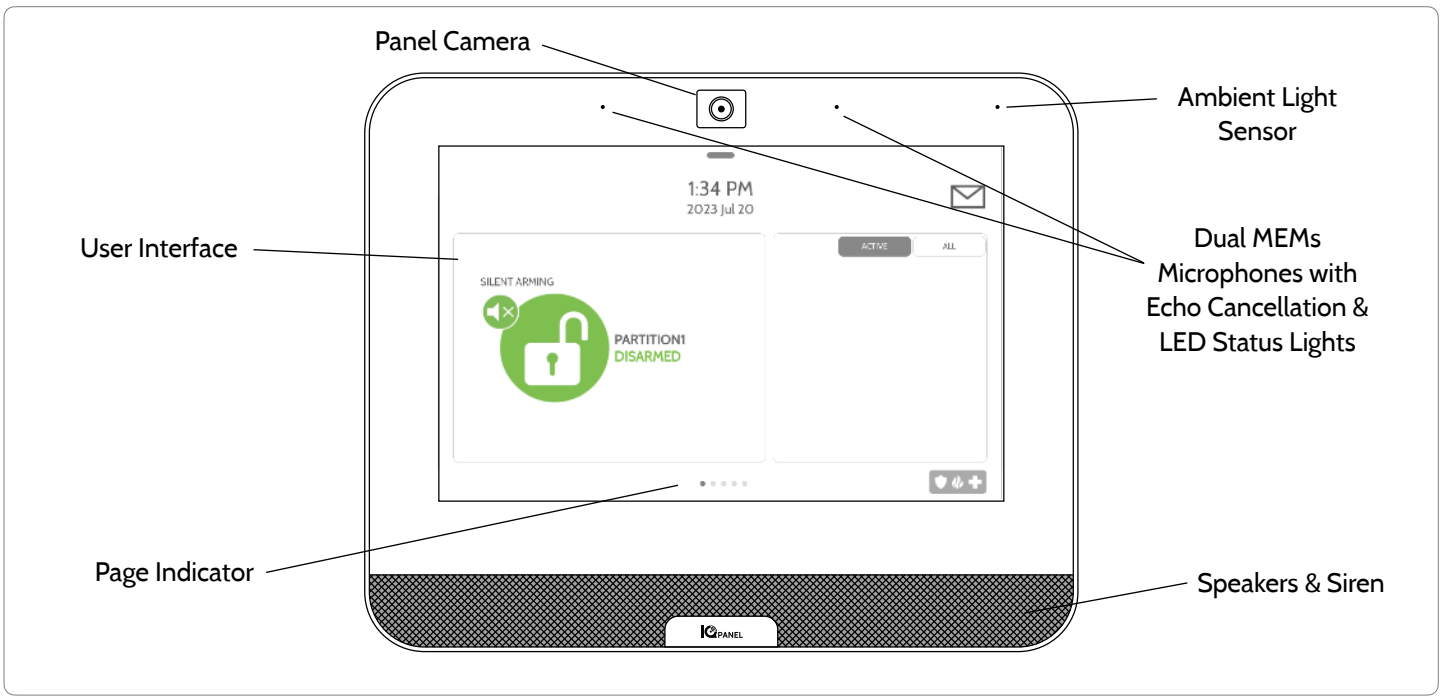
PANEL OVERVIEW

For US and CANADA: Warning: This Product should be installed in accordance with the National Fire Alarm Code, ANSI/NFPA 72, (National Fire Protection Association, Batterymarch Park,Quincy, MA 02269) and with National Electric Code, ANSI/NFPA 70. Printed information describing proper installation, operation, testing, maintenance, evacuation planning, and repair service is to be provided with this Product. In Canada the product shall be installed in accordance with the Standard for the Installation of Residential Fire Warning Systems, CAN/ULC-S540.

Warning: For Canadian installations this Product and all sensors associated with it (collectively, the "System") should be tested once a week. The test shall be performed also with primary DC power de-energized. For recommended smoke detectors maintenance instructions refer to user manual associated with compatible Qolsys model QS5110-840 and PowerG model PG9936 smoke detectors.

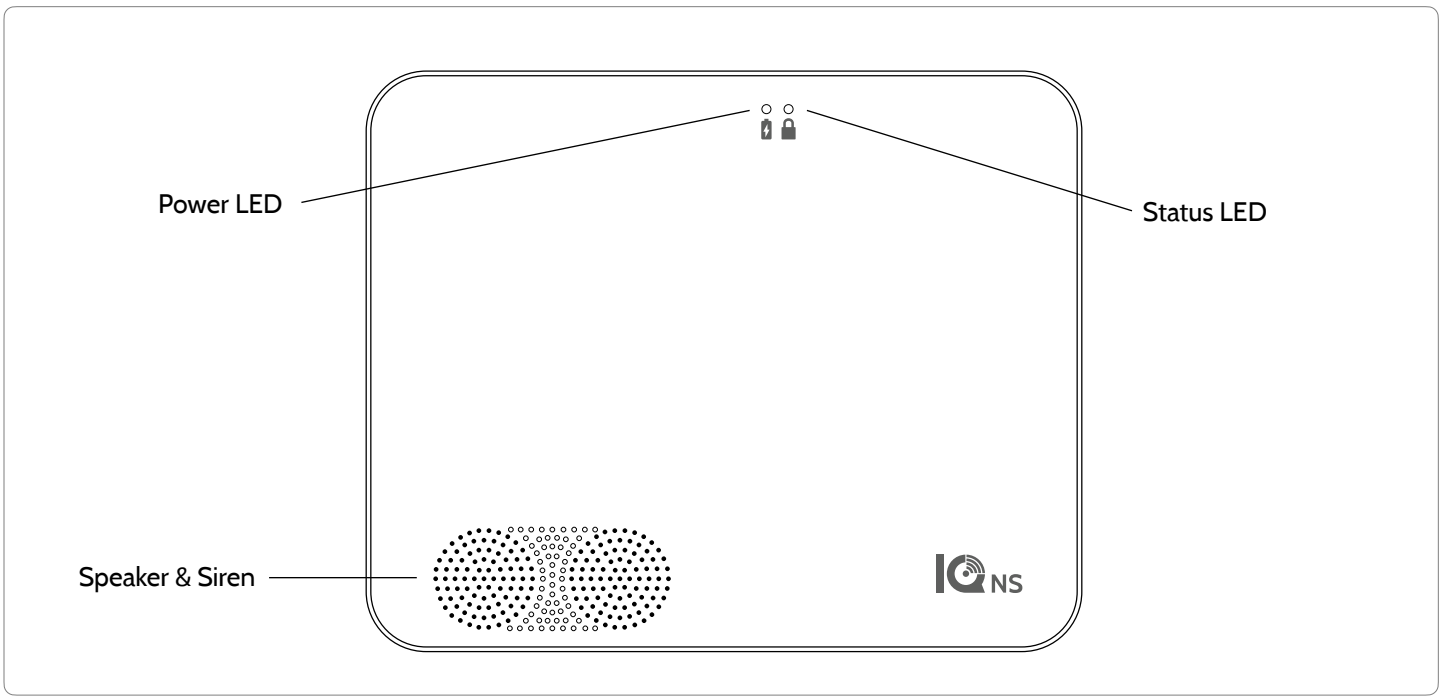
For All Countries: Warning: This Product should be installed in accordance with the National and Local Fire Codes and National and Local Electrical Codes. Printed information describing proper installation, operation, testing, maintenance, evacuation planning, repair service, recycling and disposal is to be provided with this Product. Warning: For all installations this Product and all sensors associated with it (collectively, the "System") should be tested once a week. The test shall be performed also with primary DC power de-energized. For all Sensors, Detectors, and other accessories, follow the recommended maintenance instructions for each device.

IQ PANEL 5 - EXTERIOR FRONT

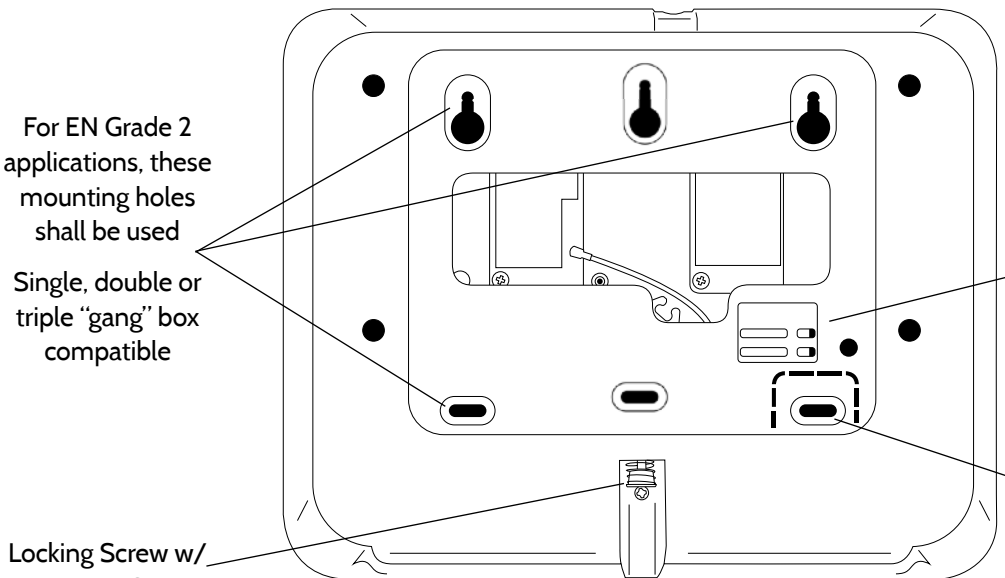


IQ5 HUB - EXTERIOR FRONT

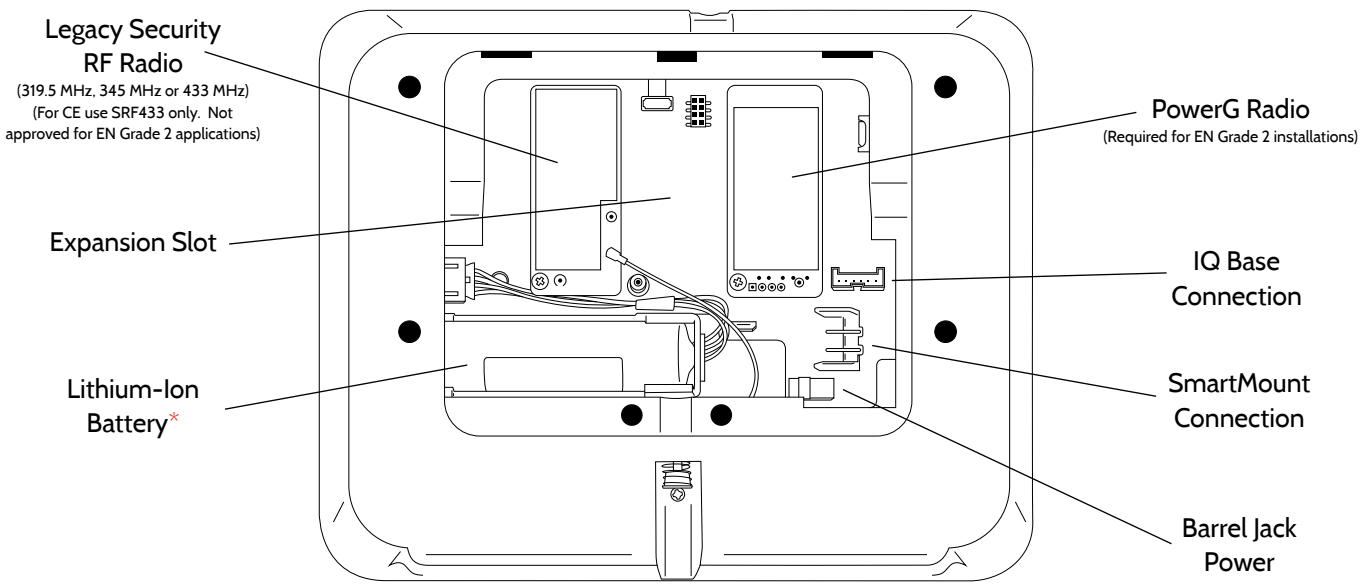
IQ5 NS - EXTERIOR FRONT



EXTERIOR BACK



INTERIOR



***CAUTION** The battery should NEVER be disconnected without following proper power-down procedures
Failure to comply may result in data corruption, panel failure, and a void of the manufacturer's warranty

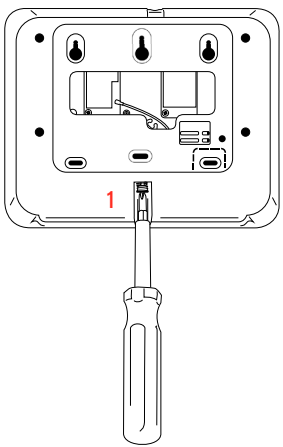
INSTALLING THE PANEL

INSTALLING THE PANEL

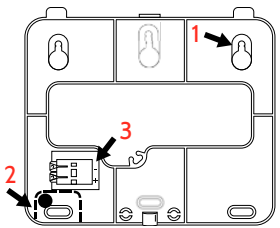
WALL MOUNT

Note: For UL/ULC Commercial Burg installations (UL2610/ULC-S304 Security Level II compliant) and EN Grade 2 installations use only wall mount option

This product when installed as per these instructions does not present the risk of fire, electric shock, or injury to persons.



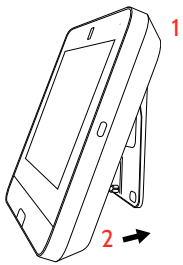
1. With a small phillips screwdriver, undo the locking screw from the back of the panel and remove the SmartMount backplate.



1. Mount the backplate to the wall using flat head screws* and appropriate wall anchors if needed, ensuring it is level.

2. A screw is required in break-away wall tamper for UL 2610 and EN Grade 2 installations.

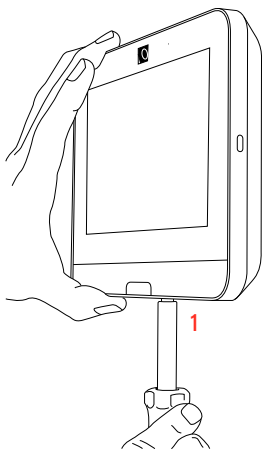
3. Connect the power supply to the barrel jack on the back of the panel or to the (+) and (-) terminals on the backplate if using a custom length wire.



1. Latch the top of the IQ Panel onto the SmartMount backplate.

2. Swing the panel down towards the backplate and press firmly against the wall.

If using a custom length wire, power terminals will automatically connect and provide power to the IQ Panel.

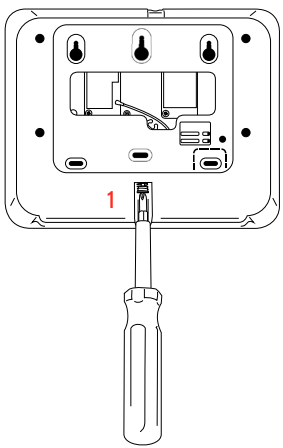


1. With a small phillips screwdriver, screw in the locking screw from the bottom of the panel to secure it to the wall.

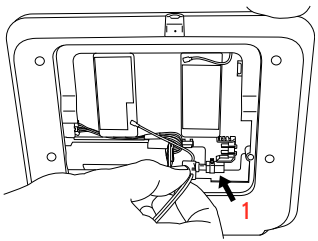
*Screws shall be a minimum of 1" in length (25.4mm), size #6 (M3.5)

TABLE STAND (OPTIONAL)

Do not use for UL2610 or EN Grade 2 or equivalent installations

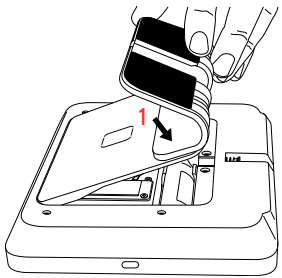


1. With a small phillips screwdriver, undo the locking screw from the back of the panel, remove the SmartMount backplate and discard.



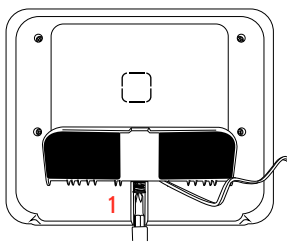
1. With the included power supply and cable, plug the barrel connector into the barrel jack as shown above.

Be sure the barrel connector is properly seated.



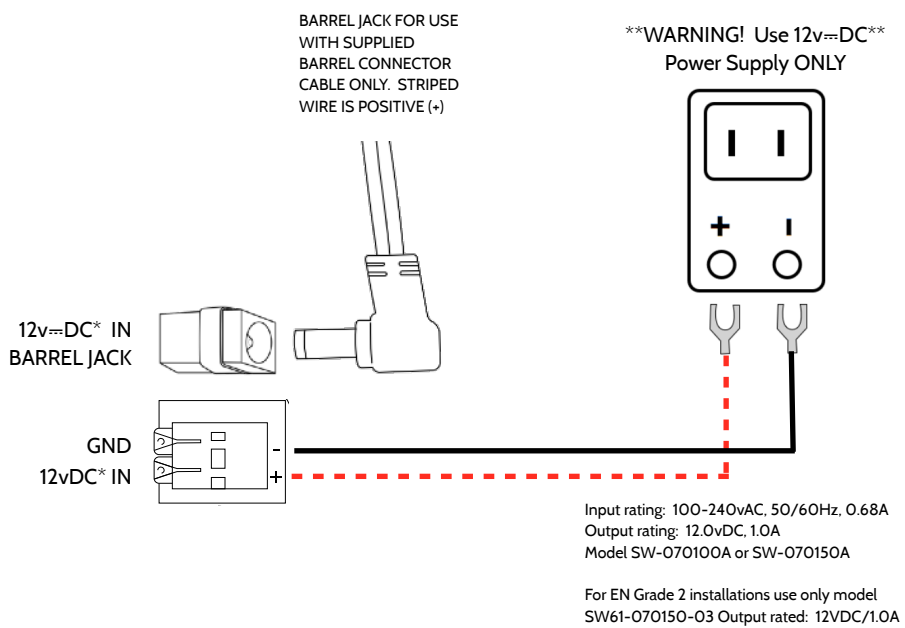
1. Locate the SmartMount table stand and insert the hooks into the back of the panel, then swing down and press into place.

Be sure that the power wire is routed out the middle of the table stand using the provided slot.



1. With a small phillips screwdriver, screw in the locking screw from the bottom of the panel to secure it to the table stand.

WIRING DIAGRAM



NOTES

IMPORTANT IF USING CUSTOM LENGTH WIRE:

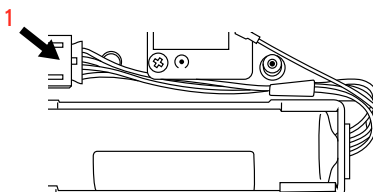
- 12v⎓DC Transformer: Use 18AWG (0.75mm²) wire no longer than 98.5ft (30m) to ensure sufficient power is received at the panel.

* The minimum permissible wire size shall not be smaller than 22 AWG (0.33mm²)

** 12v⎓DC power supply output shall not exceed 15VA (15W) under any conditions

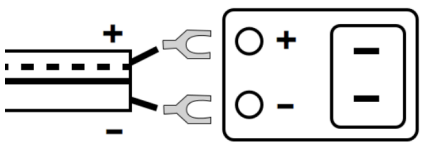
POWERING THE PANEL

Note: This unit must be powered by a 24-hour, 120 V, 60 Hz or 230-240 VAC, 50 Hz circuit (as appropriate for your country) that cannot be turned off by a switch, dimmer, or Residual Current Device. Failure to provide this circuit may prevent it from providing constant protection. Power supply shall be located within same room as control unit.



1. Connect Battery **FIRST.**

Failure to plug in the battery first could result in an incorrect battery reading on the Panel.



2. Then connect power supply.

WARNING! Use included 12v⎓DC Power Supply ONLY

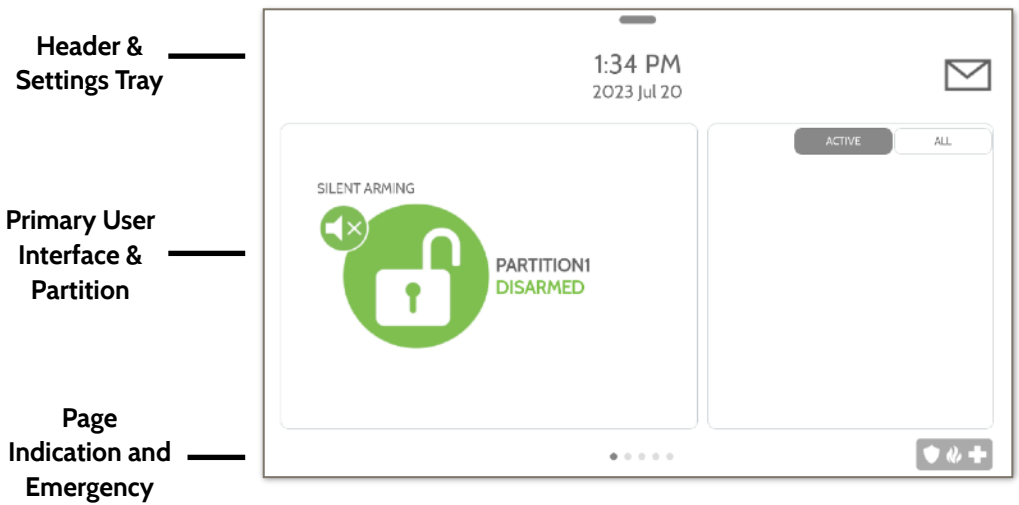
If using the provided cable, the "striped" wire is (+)
Note: Power supply shall be located within same room as control unit

3. Press and hold the power button on the right side of the panel for 3 seconds to power up.

USER INTERFACE

HOME SCREEN OVERVIEW

The home screen is divided into three sections. The header shows the date & time, today's weather, message center and the Settings tray. The Primary interface shows arming options and sensor status & partition select. The footer shows panic options and additional pages.



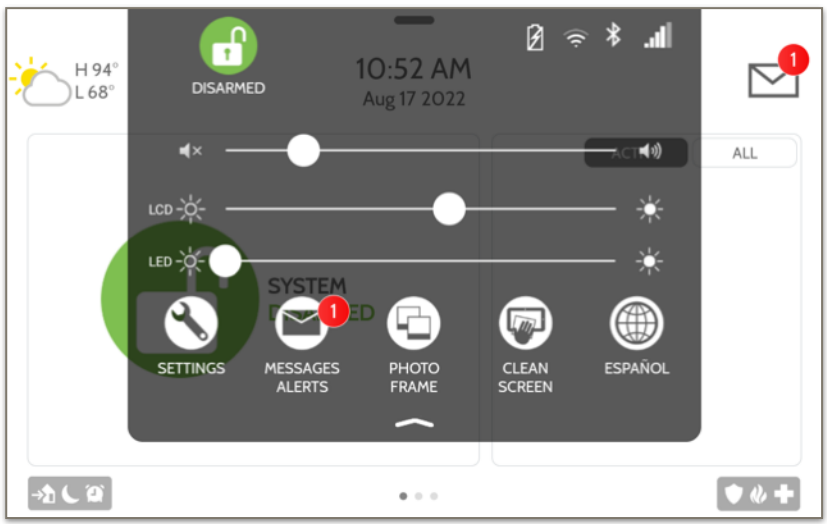
MESSAGE CENTER

The header contains the pull down settings tray, the weather icon, time/date and a message icon in the upper right portion of the screen where you will find Security Provider messages and contact info, alerts, video tutorials and FAQ's

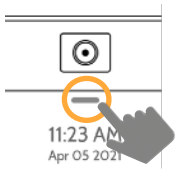
CONTACT US	This is where you will find the Security Provider's Contact Information
VIDEO TUTORIALS	This is where you will find Video Tutorials to help with common questions
ALERTS/ALARMS (1)	This is where you will find Panel Alerts/Alarms notifications
MESSAGES	This is where you will find messages from the Security Provider

SETTINGS TRAY

To access the Settings tray swipe down on the bar at the top of the screen. The Settings tray has quick access to system, battery, Wi-Fi, Bluetooth & cellular status as well as volume control, brightness, a lock screen icon and other quick settings.



FIND IT



Swipe down for access

When partitions or screen lock are ENABLED, a Lock Screen icon replaces the Status icon. Touch this icon to switch between partitions.

When partitions are DISABLED, a Status icon resides in the upper left corner of the settings tray. Touch this icon to return to the security page.

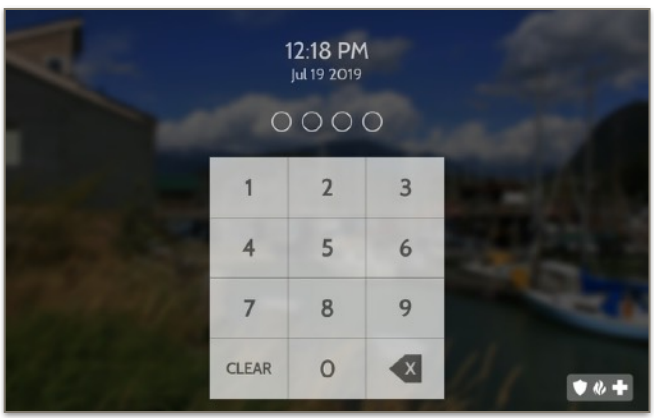
PROGRAMMING

SCREEN LOCK

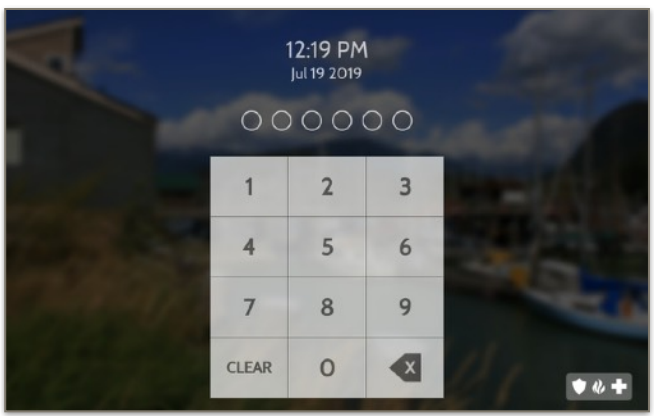
Note: This feature has not been evaluated for EN Grade 2

When the "Screen Lock" or "Partitions" setting are enabled, a lock screen will be presented once the panel has been woken from either a touch on the screen or pressing the wake/sleep button on the side of the panel. This prevents unauthorized access to the panel and/or one partition from accessing another as well as managing permissions to "Advanced Settings". Screen lock may also be turned off if desired, even when Partitions are enabled.

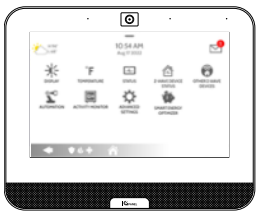
4 DIGIT SCREEN LOCK



6 DIGIT SCREEN LOCK



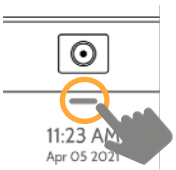
SETTINGS



The Settings page allows quick access to various simple features & settings that do not require the protection of a Dealer, Installer or Master code to be changed.

Setting	Description
Display	Adjust brightness, font size & 12/24 hour time as well as adaptive brightness or night light mode. You can also enable the Status LED slider and Dark Mode.
Temperature	Toggle between Fahrenheit and Celsius
Status	View the "Current Status" of security sensors: Zone #, Name, Status (Open, Close, Active, Idle, Tamper, Failure), Battery and sensor History. Also view "Alarms" and "History" for security sensors globally
Automation Device Status	View the "Current Status" of Z-Wave™ devices: Name, Type, Status (Normal, Failure), and Battery. Also view "Alerts" and "History" for Z-Wave globally
Other Z-Wave Devices	Shows Z-Wave devices that are learned into the panel but that are not part of the main user interface (Lights, Locks, Thermostats & Garage Doors)

FIND IT



Swipe down for access

SETTINGS

SETTINGS

Setting	Description
EU Events	Display events as required for EN Grade 2. **NOTE:** This icon will only appear when the "En Grade 2" setting is Enabled.
Automation	Add, Edit or manage local lighting automation rules. These rules are separate from any cloud based rules that may be set through Alarm.com. Examples of possible rules are as follows: - **Night**: Turns light on at 7pm and off at 6am - **Evening**: Turns light on at 7pm and off at 11pm - **Front Door**: Turns light on for 15mins when Front Door opens between 5pm and 7am (must have a sensor with the default quick name "Front Door" added in the panel) - **Doorbell**: Turns light on between 5pm and 7am for 15 mins when Doorbell is activated (must have a sensor with the default quick name "Doorbell" added in the panel)
Activity Monitor	Activity Monitor allows access to disarm sensors that are programmed as 24 hours zones, such as Sensor Groups 8, 9 & 25. A valid Master, User or Guest code is required to control 24 hour activity sensors. 2 options are provided: - **Quick Access**: 300 second temporary access - **Deactivate**: Disarms 24 hour sensors until they are re-activated manually
License	Qolsys End User License Agreement
Advanced Settings	Access advanced settings & programming. A valid Dealer (default 2222), Installer (default 1111) or Master Code (default 1234) is required
Smart Energy Optimizer	Shift energy usage to off-peak hours (thermostats) and reduce energy usage during on-peak hours

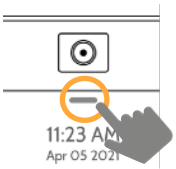
ADVANCED SETTINGS

To access the Advanced Settings menu pull down the Settings tray at the top of the screen, select "Settings" and then "Advanced Settings". Enter your dealer, installer or master code. The code used to enter Advanced Settings determines the level of access. When using partitions the code entered at the screen lock determines the access level for Advanced Settings.

INSTALLER MENU (1111)

DEALER MENU (2222)

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

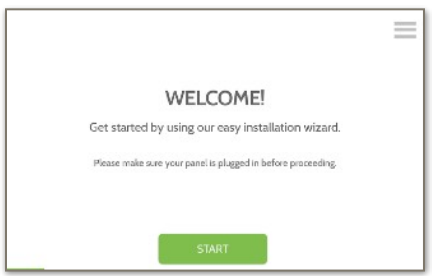
* **The "Partitions" icon will only appear if Partitions are enabled under Installer/Dealer Settings**

SETUP WIZARD

Setup Wizard
The "Easy Install Wizard" is an onscreen, step-by-step programming tool that makes the already fast and intuitive installation process even easier, ensuring every install is consistent and follows best practices.

Launch Wizard
Selecting Launch Wizard will initiate the Easy Setup Wizard based on the page configuration chosen.

Wizard Settings
Choose which pages you want to be shown during the Wizard walkthrough. Select Advanced or Simple sensor setup.



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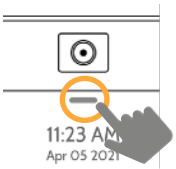


Swipe down for access

SETTINGS

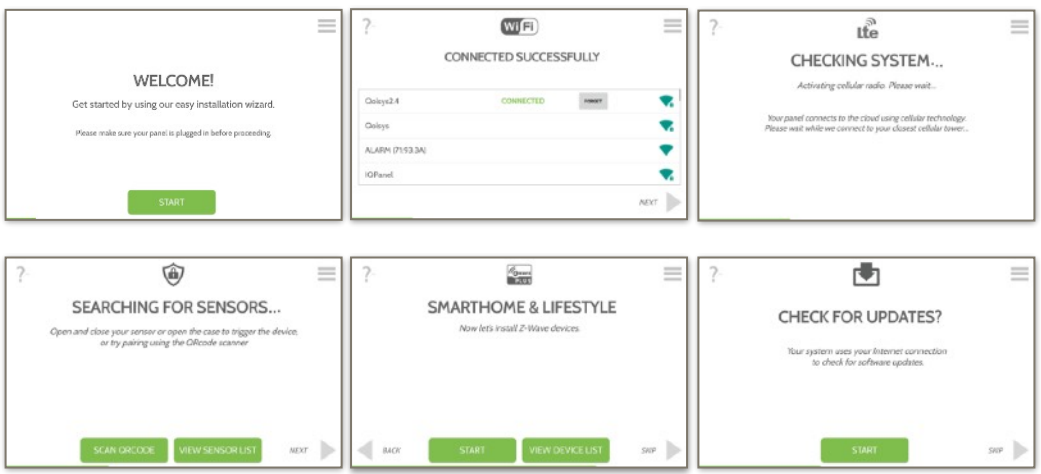
ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SETUP WIZARD

LAUNCH WIZARD

Launch Wizard
Selecting Launch Wizard will initiate the Easy Setup Wizard based on the page configuration chosen in Wizard Settings.



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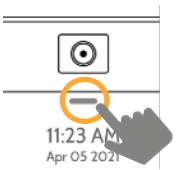


Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SETUP WIZARD

LAUNCH WIZARD

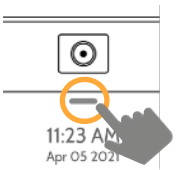
WIZARD SETTINGS

Wizard Settings

Choose which pages you want to be shown during the Wizard walkthrough.
Select Advanced or Simple sensor setup

Setting	Default	Description
Update	Enabled	Show the option to check for software updates in the Setup Wizard
Security	Enabled	Show the option to add and edit security sensors in the Setup Wizard
Security Sensor Setup Format	Advanced	Determines whether the Security page of the Setup Wizard shows Advanced Sensor pairing (PRO) or Simple Sensor pairing (DIY)
Panel Glass Break	Enabled	Show the option to enable or disable the panel glass break in the Setup Wizard. **NOTE:** Not approved for UKCA or CE/EN Grade 2
Automation	Enabled	Show the option to include and edit Automation devices in the Setup Wizard
Bluetooth	Enabled	Show the option to pair Bluetooth devices in the Setup Wizard **NOTE:** Not approved for EN Grade 2

FIND IT



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SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SETUP WIZARD

WIZARD SETTINGS

WIZARD SETTINGS

Setting	Default	Description
Users	Enabled	Show the option to add users in the Setup Wizard
Dealer	Enabled	Show the option to add and edit Dealer Contact Info in the Setup Wizard
IQ Remote	Enabled	Show the option to pair IQ Remotes in the Setup Wizard
Sensor Signal Test	Enabled	Activate the sensor test as part of the Setup Wizard
Download Mobile App	Enabled	Show the option to scan a QR code and download the Alarm.com app

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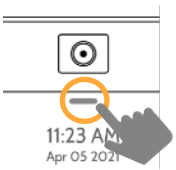


Swipe down for access

SETTINGS

ADVANCED SETTINGS

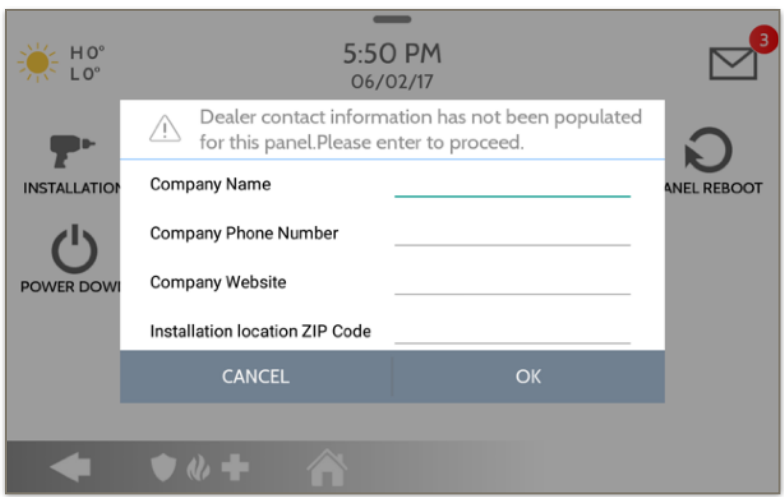
ENTER CODE (1111, 2222)

SETUP WIZARD

WIZARD SETTINGS

INSTALLATION

If Dealer Contact info is not previously filled out or pushed from Alarm.com, a pop up is generated when accessing the "Installation" icon, requiring that dealer contact information to be entered. This information is used to populate the "Contact Us" tab in the Message Center. **NOTE**: Company Name and Company Phone Number are required and must be filled out to continue with panel programming.



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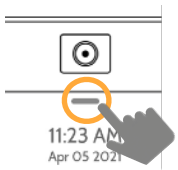

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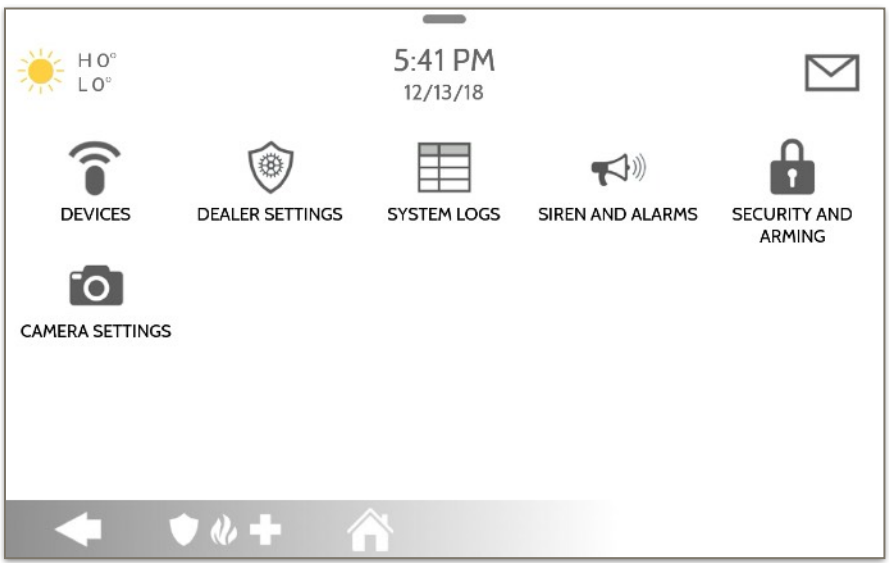
SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

INSTALLATION



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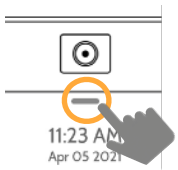

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SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

INSTALLER/DEALER SETTINGS

Installer/Dealer Settings
Change panel settings like supervisory times, power and cell loss timeout and SIA settings.

Setting	Default	Description
Account Number	blank	Security provider account number (up to 10 characters)
Power Management	Enabled	An energy-saving function when running on battery power only
SIA Power Restoration	Disabled	Turn on or off sensor hold for 60 seconds during power restore
ULC Commercial Power Restoration	Disabled	When enabled, ignore all sensor activity for 120 seconds after power restoration
Loss of Supervisory Signals for Emergency Sensors	4	Select the length in hours (4, 12, 24) before reporting a loss of supervision on life safety devices. **NOTE:** For UL/cUL Resi Fire and UL Commercial Burg (UL2610) the wireless supervision window for Emergency sensors (Smoke, Heat & CO Detectors) shall be set to 4h
Loss of Supervisory Signals for PowerG Emergency Sensors	4	Select the length of time (20, 30 min, 1, 2, 4, 12, 18 hours) before reporting a loss of supervision on PowerG life safety devices. **NOTE:** For UL/cUL Resi Fire and UL Commercial Burg (UL2610) the wireless supervision window for Emergency sensors (Smoke, Heat & CO Detectors) shall be set to 2h

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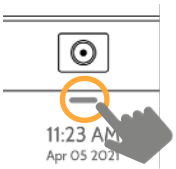

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SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

INSTALLER/DEALER SETTINGS

*** Additional options available only through the Dealer Code.**

INSTALLER/DEALER SETTINGS

Setting	Default	Description
Loss of Supervisory Signals for Z-Wave	4	Select the length in hours (4, 24) before reporting a loss of supervision on Z-Wave Sirens.
Loss of Supervisory Signals for Non Emergency Sensors	24	Select the length in hours (4, 12, 24) before reporting a loss of supervision on security devices. **NOTE:** For UL/cUL Resi Fire and UL Commercial Burg (UL2610) the wireless supervision window for Non-Emergency sensors (all intrusion sensors) shall be set to 4h. These devices shall not be used for EN Grade 2 compliant installations
Loss of Supervisory Signals for PowerG Non Emergency Sensors	24	Select the length of time (20, 30 min, 1, 2, 4, 12, 24 hours) before reporting a loss of supervision on PowerG security devices. **NOTE:** For UL/cUL Resi Fire and UL Commercial Burg (UL2610) the wireless supervision window for Non-Emergency sensors (all intrusion sensors) shall be set to 4h. For EN Grade 2, the supervision window shall be set for 20 minutes.
Loss of Cell Signal Timeout	30	Select the length in minutes (10-120) before reporting a loss in cellular signal. **NOTE:** For UL Commercial Burg (UL2610) the cell supervision is hardcoded to 200s
Communication Test	Monthly	Choose Never, Daily, Weekly or Monthly when enabling the communication test. **NOTE:** For UL Resi Fire (UL985) the test frequency shall be set to Weekly. By default the system will be set to Weekly if UL985 is selected on Alarm.com
Communication Test Start Time	Randomized	Select the time of day that the panel will send its Communication Test. If no time is selected the time will automatically be randomized.

INSTALLER/DEALER SETTINGS

Setting	Default	Description
SIA Limits **NOTE**: For UL resi burg set entry delay to 45 sec and exit delay to max 120 sec. For UL Commercial Burg (UL2610) maximum entry and exit delay should not exceed 60 sec. **NOTE:** For ULC Security Level I (resi burg) set entry delay to 180 sec. For ULC Security Level II (commercial burg) set entry delay to 60 sec and exit delay to 45 sec max. **NOTE:** For EN Grade 2 installations set Entry Delay to 45 sec and Exit Delay to 30 sec.	Enabled	When **enabled**, the range for entry and exit delays is as follows: -Entry delay: 30-240 seconds, Exit Delay: 45-254 seconds When **disabled**, the range for entry and exit delays are as follows: -Entry delay: 5 to 240 seconds, Exit delay: 5 to 254 seconds When **enabled** the range for Dialer Delay is: 15 to 45 seconds When **disabled** the range for Dialer Delay is: 0 to 254 seconds
EN Grade 2	Disabled	The setting enables EN Grade 2 compliance on the Panel. When Enabled, the following behaviors and/or settings are changed automatically: - Entry Procedure (EU) - follows entry procedures and alarm transmission delays specified by EN 50131 - Disables the "Auto Bypass" setting so that the Panel will protest arming when sensor and panel trouble conditions are present (i.e. Open, Tamper, Low Battery, etc) - Trouble condition alerts cannot be acknowledged until the condition is resolved - Trouble beeps are expanded to include fault indications required by EN 50131 - "Screen Lock" setting is enabled automatically. Screen will lock 30 seconds after Disarming - A new icon called "EU Events" is added to the "Settings" page which records mandatory history events specified by EN 50131. - "Loss of Supervisory Signals for PowerG Non-Emergency Sensors" is set to 2 hours by default. - "LED Indicator" setting is Disabled automatically. - "Dealer or Installer Access Requires User Permission" setting is Enabled automatically.

INSTALLER/DEALER SETTINGS

Setting	Default	Description
AC Delay Notification	60 Minutes	Panel will wait (1, 5, 10, 20, 30 or 60) minutes to report an AC off event to Alarm.com for EN Grade 2 systems. **NOTE:** This setting is greyed out and not selectable unless EN Grade 2 is Enabled.
EU Event Swinger Shutdown Count	3	Determines the number of times a particular event will record to "EU Events" log before shutdown. The count (3-10) will reset after and arm or disarm event. **NOTE:** This setting is greyed out and not selectable unless EN Grade 2 is Enabled.
Favorite Languages	English/Español	Set the Panel's language toggle to your favorite 2 languages. Choose from English (United States), Français (Canada), Español (Estados Unidos), Italiano (Italia), Nederlands (Nederland), Norsk bokmål (Norge), Svenska (Sverige), Íslenska (Ísland), Deutsch (Deutschland), Magyar, (Magyarország), Dansk (Danmark), Română (România), Portuguesa (Portugal), Polskie (Polska), Suomalainen (Suomi), Français (France), Español (España), Hebrew, Türk (Türkiye).
LED Indicator	Enabled	Manually Enable/Disable the LED Status Light on the panel. **NOTE:** This setting will automatically be set to Disabled when EN Grade 2 is Enabled.
Power Off Indicator	Disabled	When Enabled, LED Status Light on the Panel will flash orange if there is a power failure.
6 Digit User Code	Disabled	This is a global setting for all codes used on the panel and changes the input from 4 digits to 6 digits. When enabled, a "00" will be appended to all existing 4 digit codes
Commercial Sensor and Device Names	Disabled	Enabling this features changes the sensor name vocabulary from residential naming to commercial naming.

INSTALLER/DEALER SETTINGS

Setting	Default	Description
Wellness Support	Disabled	When Enabled, Auxiliary Pendants learned into Group 6 behave like a traditional PERS pendant. The system generates a signal to Alarm.com but does not generate a loud local alarm that needs to be disarmed between button presses. **NOTE:** This feature cannot be enabled if Partitions are enabled.
WI-FI Warning Messages	Enabled	When enabled the panel display will automatically revert to the Manage My System page as the default page if Wi-Fi is not connected to encourage end users to stay connected.
Partitions	Disabled	Create up to 4 partitions by enabling this feature.
Other Automation	Disabled	When Enabled, the Panel can support Zigbee Automation devices as well as Deako Lighting integrations. These devices are added through the "Other Automation" icon that will appear under the "Devices" icon. **NOTE:** Zigbee integration requires that a Zigbee daughter card be installed in the panel. Not evaluated for UKCA or CE/EN Grade 2.
Zwave Frequency Region	Varies by Region	Sets automatically based on install region and Z-Wave hardware installed in the panel or manually choose between United States, European Union, Australia/New Zealand, Hong Kong, Malaysia, India, Israel, Russia, China, Japan or Korea.
PowerG Camera Image Capture Count	1	Determines the number of Images to be uploaded by any PowerG PIR CAM when triggered during an Alarm. Choose between 1 or 10.
PowerG Camera Alarm Image Upload Limit	Enabled	Determines if PowerG PIR CAMs upload only images from the first motion event during an arming period (Enabled) or if they will upload images from all motion events for that arming period (Disabled).

INSTALLER/DEALER SETTINGS

Setting	Default	Description
Power Down Event Communication	Disabled	Determines if the Panel sends a unique event code (enabled) or not (disabled) to Alarm.com and the CS if the Master Code is used to access the Power Down icon under Advanced Settings.
Global Input Mode	End of Line	Determines the default input mode globally on the system for devices wired to the PGxWLSHW8/PGxHRDW8. Choose from Normally Closed, End of Line or Double End of Line.
Security Page	Enabled	Choose whether or not you want the "Security Page" to appear as part of primary user interface on the panel. **NOTE:** This feature can not be disabled if Partitions are enabled.
Wellness Page	Disabled	Choose whether or not you want the "Wellness Page" to appear as part of primary user interface on the panel. **NOTE:** This feature can not be enabled if Partitions are enabled.
Check-in/Check-Out	Disabled	Choose whether or not you want a "Check-in" and "Check-out" button to appear as part of the Wellness Page UI. This feature allows a nurse to check in/out and have their picture taken by the panel as record of their visit. **NOTE:** The Wellness Page must be enabled in order for this feature to also be enabled.
Home Control Page	Disabled	Choose whether or not you want the "Home Control Page" to appear as part of primary user interface on the panel. **NOTE:** Before the Home Control Page can be enabled there must be at least two (2) different "types" of automation devices added to the panel (Lights, Locks or Thermostats). This feature can not be enabled if Partitions are enabled.
Door Lock Page	Enabled	Choose whether or not you want the "Door Lock Page" to appear as part of primary user interface on the panel anytime a Door Lock is added as a device.

INSTALLER/DEALER SETTINGS

Setting	Default	Description
Thermostat Page	Enabled	Choose whether or not you want the "Thermostat Page" to appear as part of primary user interface on the panel anytime a Thermostat is added as a device.
Scenes Support	Enabled	When enabled, a new icon will appear in the panel UI on left hand footer enabling the use of Scenes that have been created on Alarm.com. **NOTE:** This feature cannot be enabled if Partitions are enabled.
Solar Page	Disabled	When Enabled, a new Page can appear on the Panel allowing Solar Integrators to push information to the Panel. **NOTE:** This page will not appear unless setup through the "Installation Tracker" setting below.
Make Solar the Homepage	Enabled	Choose whether or not you want the "Solar Page" to appear as the homepage on the Panel. **NOTE:** This option is greyed out and turned off unless the Solar Page is also Enabled.
Installation Tracker	-	Enter your Integrator ID, E-mail and Project Code to setup the Solar Install Tracker/Solar Page. **NOTE:** This option is greyed out and turned off unless the Solar Page is also Enabled.
Stream Live Video Cameras to IQ Remote	Disabled	This setting allows a user to view cameras from the IQ Remote. When enabled, Cameras that are streaming to the primary panel will also stream to the IQ Remote.
IQ WiFi Dashboard	Enabled	Determines whether or not the IQ WiFi Dashboard is shown as part of the primary user interface pages when connected to an IQ WiFi or IQ WiFi 6.

INSTALLER/DEALER SETTINGS

Setting	Default	Description
IQ WiFi Security Network Reconnect	Enabled	Determines whether IQ Devices (Panels & Remotes) automatically switch to the Security SSID on IQ WiFi or IQ WiFi 6.
Show Managed Devices	Disabled	Determines whether to show devices paired to the Security Network of an IQ WiFi or IQ WiFi 6 (Enabled) in the WiFi profiles section or not (Disabled).
Pin Code Lock Profiles	Enabled	When enabled, requires entering the Master Code to access profiles & network map on IQ Wifi 6 dashboard.
Unpair IQ WiFi	Unpair the Panel from an IQ WiFi or IQ WiFi 6 network and delete all the IQ WiFi data from the Panel.	
PowerG RF Jam Detection	Disabled	When enabled the system can detect when an unusual amount of RF signals are being transmitted in the PowerG spectrum leading to a potential loss of connectivity. This event reports to the central station when enabled. Choose from Disabled, UL20/20 or En 30/60. **NOTE:** For EN Grade 2 certified installations the option shall be enabled and set to EN 30/60.
Jam Detection	Disabled	When enabled the system can detect when an unusual amount of RF signals are being transmitted on the frequency of the legacy daughter card installed in the panel (319.5MHz, 345MHz or 433MHz) leading to a potential loss of connectivity. This event reports to the central station when enabled. **NOTE:** Not evaluated for UK for CE/EN Grade 2

INSTALLER/DEALER SETTINGS

Setting	Default	Description
Jam Detection Local Alarm **NOTE:** Not evaluated by UL/cUL, UKCA or EN Grade 2	Disabled	When enabled the system will sound a local alarm. "Jam Detection" must be active for this to function properly.
SRF Jam Sensitivity Level **NOTE:** Not evaluated for UK or CE/EN Grade 2	Normal	Choose between HIGH and NORMAL sensitivity levels.
Zigbee Jam Detection	Disabled	Future use.
Zigbee Jam Sensitivity Level	Disabled	Future use.
Allow Master Code to Access Security Sensors	Disabled	Allow the Master Code to access to the Security Sensor icon, including Auto Learn Sensor, Add Sensor, Edit Sensor, Delete Sensor, Sensor Status & Sensor Group.
Open/Close Reports Allowed For Auto Learn	Enabled	Rather than sending a tamper to auto learn a sensor, enabling this will allow an open/close of the sensor to trigger auto learn.
Panel Glass Break Detector **NOTE:** Not evaluated for UK or CE/EN Grade 2	Disabled	Creates an independent zone that leverages the panel's built-in microphones to act as a glass break detector. This will fall into the zone order at the time you enable this feature. **NOTE:** This feature cannot be Enabled if Panel Ambient Noise Detection is Enabled.
Panel Motion Detector **NOTE:** Not evaluated for UK or CE/EN Grade 2	Disabled	Creates an independent zone that leverages the panel's built-in camera to act as an activity motion detector. This will fall into the zone order at the time you enable this feature. Motion can trip once every 4 minutes. **NOTE:** The panel motion detector is for activity monitoring and automation only (Group 25) and will not create an alarm condition or act as a security PIR.

INSTALLER/DEALER SETTINGS

Setting	Default	Description
Panel Ambient Noise Detector	Disabled	When Enabled, the Panel's built-in microphones can monitor for loud noise detection above a settable dB threshold and generate an alert. Useful for MDU, apartments and short term rentals where noise complaints are a concern. After an alert is generated, a 30 second cool down period is instituted. **NOTE:** This feature cannot be Enabled if Panel Glass Break Detector is Enabled.
Ambient Noise Threshold	85 dB	Set the threshold at which the Panel Ambient Noise Detector determines there is enough noise to generate an alert. Choose from values between 75 and 95 dB. **NOTE:** This setting is greyed out and not selectable unless Panel Ambient Noise Detector is Enabled.
Noise Detector Duration	20 min	Determines the length of time for which the panel must detect noise above the threshold level in order to generate a noise notification.
Noise Detector Popup	Disabled	Determines whether the panel indicates locally on the screen that noise event has been detected.
Zigbee Network Type **NOTE:** Not evaluated for UK or CE/EN Grade 2	Home Automation and Security	Choose which type of Zigbee network you'd like to use. Options are Home Automation and Security or Smart Energy. **NOTE:** This setting only appears when a Zigbee daughter card is installed in the Panel. When paired to UL Listed Zigbee devices, Zigbee can be used for UL/ULC Listed Residential Fire and Burglary applications.
Light Reporting (PowerG)	Disabled	When Enabled, PowerG devices that support light sensor capabilities report light status to the Panel. Data is stored for future use.
Temperature Reporting (PowerG)	Disabled	When Enabled, PowerG devices that support temperature measurement, report temperature information to the Panel. Data is displayed on the panel home screen.

INSTALLER/DEALER SETTINGS

Setting	Default	Description
System Health Check	Enabled	Determines whether the System Health Check feature shows up on the Manage My System primary user interface (enabled) or not (disabled).
System Health Check as Default Home Screen	Disabled	Panel home screen defaults to the System Health Check page if troubles exist.
Delete All Sensors	Deletes all security sensors and Bluetooth devices programmed in the panel.	
Delete All Z-Wave Devices	Performs a factory reset on the Z-Wave controller. Does not factory reset previously included devices.	
Zigbee Reset	Deletes all Zigbee sensors and resets the Zigbee Network.	
Master Reset*	Restores panel to factory settings and erases all content.	
Data Recycle	This feature erases all User data previously stored. (Wi-Fi SSID & Password, User Codes, Panel Camera Images, Custom Photo Frame Images, Message Center & Panel Event History).	
IQ Remote Reset Authentication	Disabled	If Enabled, the IQ Remote will require authentication (Dealer or Installer Code) to master reset it.

SYSTEM LOGS

System logs allow the panel to send non-customer identifying information to the server for troubleshooting and bug identification.

Setting	Default	Description
Upload logs to the server	*Requires manual push*	Tell the panel to begin uploading a history of its activity to the server. This information is used to troubleshoot bugs and diagnose panel problems. The panel will upload any logs saved in its memory
Auto Upload Logs	Disabled	Automatically upload the system's log to the servers every 24 hours
Log Level	Debug	Tell the panel how much information to record in log files. **No log output:** No information recorded **Fatal**: Record fatal or severely problematic information only **Error**: Record all errors and fatal issues **Warn**: Record warnings, errors, and fatal issues **Info**: Record all generic, non-customer related information **Debug**: Record diagnostic messages, Info, Warnings, Errors, and Fatal issues **Verbose**: Record all non-customer identifying information

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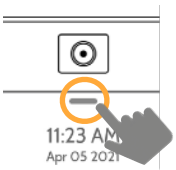

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SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

SYSTEM LOGS

SIREN AND ALARMS

Siren and Alarms

Change siren and alarm settings for certain types of alarm events.

Setting	Default	Description
Panel Sirens	All Sirens On	**All Sirens Off:** This will disable the siren for all alarm types, except for life safety devices, including any hardwire or wireless external sirens. **All Sirens On:** This is the default setting which enables the siren for all alarms **Installer/Test Mode:** This disables the siren for all alarm types including any paired or hardwired external sirens for 30 mins then all sirens are re-enabled
Siren Annunciation	Disabled	Panel siren pauses periodically to announce which locations have triggered the alarm. **NOTE:** for UL/cUL this feature is not allowed for Fire, CO, Burglar Alarm
Fire Verification	Disabled	When enabled, panel requires two fire events from smoke detector (one detector twice or two detectors once each) **NOTE:** Not allowed on UL/cUL installations

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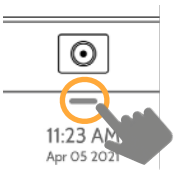

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SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

SIREN AND ALARMS

SIREN AND ALARMS

Setting	Default	Description
Burglary Alarm Confirmation	Disabled	When enabled, a confirmed alarm requires two sequential burglary alarms within the Burglary Alarm Confirmation Timer window. **NOTE:** This setting is greyed out and unavailable unless EN Grade 2 is enabled.
Burglary Alarm Confirmation Timer	30	Timer used for Burglary Alarm Confirmation. **NOTE:** This setting is greyed out and unavailable unless EN Grade 2 is enabled.
Severe Weather Siren Warning	Enabled	When enabled, siren will sound when the panel receives a severe weather alert. When disabled, panel will use severe weather chime
Dialer Delay **NOTE:** Shall not be used on EN Grade 2	:30	Amount of time (in seconds) before panel will attempt call to central station after an alarm event is triggered When SIA Limits enabled: :15 to :45 seconds When SIA Limits disabled: :0 to :254 seconds
Siren Timeout	4 min	Determine how long before siren stops sounding during an alarm event (3 minutes to 15 minutes). **NOTE**: For UL/cUL residential fire/burg applications the minimum bell timeout shall be set to 5 min. For UL Commercial Burglary installations, minimum bell time out shall be set to 15 minutes. For EN Grade 2 the minimum bell timeout shall be 90 sec and maximum bell timeout shall not exceed local regulations.
Water/Freeze/Temperature Siren	Enabled	When enabled, siren will sound when a water or freeze detector is triggered. When disabled, the panel emits a "water" tone

SIREN AND ALARMS

Setting	Default	Description
Police Panic	Enabled	Allows Police Panic to be enabled or disabled.
Fire Panic	Enabled	Allows Fire Panic to be enabled or disabled.
Auxiliary Panic	Enabled	Allows Auxiliary Panic to be enabled or disabled.
Audible Siren for Wireless Supervisory Failures	Disabled	When this setting is enabled and the system is armed, supervisory failures for non-emergency sensors are treated the same as a tamper and cause an alarm to be generated.
PowerG Smoke Detector Siren	Fire Alarms Only	When set to "Fire Alarms Only", PowerG Smoke Detectors that are learned into the system will only sound during fire alarm events. When set to "All Alarms", PowerG Smoke Detectors will act as additional wireless sirens and will sound during all alarm events.
Screen Auto-Dimming During Alarm	Enabled	When enabled, panel screen dims during Alarm. When disabled, panel screen will not dim. **NOTE**: Must be enabled for UL installations OR a 1.5 amp transformer must be used.
Allow Master Code To Access Siren and Alarms	Disabled	Allow the master code to access these features and settings. **NOTE**: not allowed for UL/cUL.

SECURITY AND ARMING

Security and Arming
Change arming settings, entry and exit delays, enable Duress Authentication and more.

Setting	Default	Description
Dealer Code*	2222	Code to access all options
Installer Code	1111	Code to access installer options only
Swinger Shutdown	Enabled	Determines whether the panel allows the same sensor to trip the alarm more than once during the same arming period. When Enabled, the sensor will trip according the to the Swinger Shutdown Count setting. When Disabled, a sensor may trip up to 128 times per arming period.
Swinger Shutdown Count	1	Determines the number of times the same sensor is allowed to trip the alarm during the same arming period (1-6). Swinger Shutdown must be enabled in order for this setting to work. **NOTE:** For EN Grade 2 it shall be set to 3
Panel Tamper	Enabled	This setting enables or disables the Panel Tamper switch on the back of the panel. **NOTE**: for UL/cUL and EN Grade 2 this setting shall be Enabled

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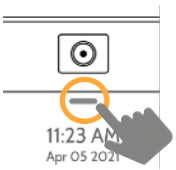

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SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

SECURITY AND ARMING

*** Additional options available only through the Dealer Code.**

SECURITY AND ARMING

Setting	Default	Description
Screen Lock	Disabled	When enabled, a screen lock page will appear. Screen lock restricts access to the panel based on valid user codes. **NOTE**: This setting is automatically enabled when Partitions are enabled, though it can subsequently be disabled if desired. It is also enabled for "EN Grade 2"
Secure Arming	Disabled	Require user code for arming the panel. **NOTE**: this option shall be enabled for UL/cUL and EN Grade 2
Force Arm	Disabled	If a device has been Auto Bypassed during the arming sequence, and then subsequently restored (closed), either during the exit delay or after the system has already been armed, it will be un-bypassed and re-included in the protected area.
Refuse Arming When Battery Low	Disabled	Will not allow panel to arm if battery is low (below 8%). **NOTE:** This option shall be enabled for EN Grade 2
Auto Bypass	Enabled	Toggle whether or not to bypass open or tampered sensors automatically. **NOTE**: Shall be disabled for UL/cUL. This setting is turned off and greyed out when the "En Grade 2" setting is enabled.
Final Exit Door Arming	Disabled	When enabled, if Arm Away is selected at the panel then there is no timed exit delay. Instead, the system is not fully armed until an Entry/Exit door is violated. **NOTE:** This setting is greyed out an unavailable unless EN Grade 2 is enabled.
Auto Stay	Enabled	If panel is armed "Away" but a delay door is not opened, the panel assumes you are still home and changes arming to "Stay" mode

SECURITY AND ARMING

Setting	Default	Description
Arm Stay - No Delay	Enabled	Arm stay immediately with no countdown timer
Auto Exit Time Extension	Enabled	Automatically extend countdown timer if delay door is opened during countdown process a second time
Keyfob Instant Arming	Enabled	When enabled, turns off exit delay if keyfob is used to arm the system
Keyfob Alarm Disarm	Disabled	When enabled this will Allow a keyfob to disarm alarm events.
Keyfob Disarming	Enabled	When Disabled, a Keyfob will not be able to disarm the panel
Engineer's Reset	Disabled	If a confirmed alarm occurs on a burglary zone, the system is locked out after disarming until a 5 digit reset code provided by the installer is entered in.
Engineer's Reset - Tamper	Disabled	Requires an engineer (Dealer/Installer code) to reset the system after a Tamper occurs. NOTE: This setting is turned off and greyed out until the "En Grade 2" setting is enabled.
Instant Alarm When Delay Zone Open During Alarm on System	Enabled	When Enabled, and if the system is currently in the Alarm state, an Instant Alarm will be generated for delay zones that are tripped. When Disabled, delay zones will behave normally regardless of previous alarm conditions.

SECURITY AND ARMING

Setting	Default	Description
Allow Master Code to Access Security and Arming	Disabled	Allow the master code to access these features and settings. **NOTE:** this option shall be disabled for UL/cUL. This option shall be enabled for UL Commercial Burg installations.
Allow Master Code to Access Bluetooth Radio	Enabled	Allow the master code to access Bluetooth Devices.
Normal Entry Delay	30 Secs	How much time users have to enter their code after opening a door (30-240secs). With SIA limits disabled the minimum time can be set to 5 secs. **NOTE:** For UL Commercial Burg (UL2610) maximum entry delay should not exceed 60s. For EN Grade 2 it shall not exceed 30 sec.
Normal Exit Delay	60 Secs	How much time users have to exit the location before the panel arms itself (30-254secs). With SIA limits disabled the minimum time can be set to 5 secs. Door/Window group 10 follows the "Normal Exit Delay" **NOTE:** For UL Commercial Burg (UL2610) maximum exit delay should not exceed 60s. For EN Grade 2 the maximum exit delay should not exceed 30s.
Long Entry Delay	100 Secs	A second separate entry delay that can be used on a sensor needing more time when tripped (45-240secs). With SIA limits disabled the minimum time can be set to 5 secs. **NOTE:** Not for use with EN Grade 2
Long Exit Delay	120 Secs	A second separate exit delay that can be used on a sensor needing more time when tripped (45-254secs). With SIA limits disabled the minimum time can be set to 5 secs. Door/Window group 12 follows the "Long Exit Delay". **NOTE:** Not for use with EN Grade 2

CAMERA SETTINGS

Camera Settings

Enable/Disable Disarm photos and Alarm photos. Secure images requiring a code to either view or delete.

Setting	Default	Description
Secure Delete Images	Enabled	When enabled, a Master Code is required to delete disarm and alarm photos
Secure Delete Images by User Code	Disabled	When enabled, a User Code has the ability to delete disarm and alarm photos.
Panel Camera	Enabled	When disabled, all Panel Camera related functions are turned off, including: Disarm Photos, Alarm Photos, Alarm Videos and Settings Photos. Additionally the Panel Camera Page is also removed
Disarm Photos	Enabled	When enabled, the built-in camera will take a single photograph when a user disarms the panel. When disabled, the panel will not capture images upon disarm
Alarm Photos	Enabled	When enabled, the built-in camera will take a single photograph during an alarm event

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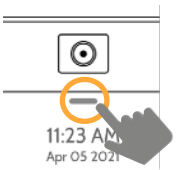

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SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

CAMERA SETTINGS

Note: Supplementary feature not evaluated by UL/cUL or EN Grade 2

CAMERA SETTINGS

Setting	Default	Description
Alarm Videos	Enabled	When an alarm is triggered the panel will record a video clip for 4 mins from it's built in 8mp panel camera
Settings Photos	Disabled	Whenever Advanced Settings are accessed the panel will take and store a photo
Allow Master Code to Access Image Settings	Disabled	Allow the master code to access these features and settings

Z-WAVE DEVICE LIST*

Note: This feature has not been evaluated for EN Grade 2

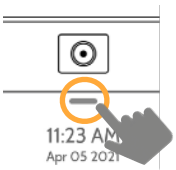
Z-Wave Device List
Shows device specific information for programmed Z-Wave devices.

Pressing "Info" displays:

- Product Info
- Protocol Info
- Application Info
- Supported Command Classes

Pressing "Re-Interview" will resend all initial pairing commands to that device.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

Z-WAVE DEVICE LIST

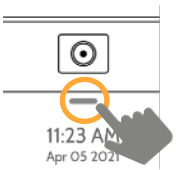
***This page only available through the Dealer Code.**

SOUND

Sound
Customize panel sounds. Enable/Disable voices, chimes, trouble beeps and more.

Setting	Default	Description
Volume	n/a	Controls the panel's voice volume, beeps and chime volume, media volume (help videos) and door bell volume through individual sliders
Edit Chimes	n/a	Allows you to select from various chimes for each individual device
Voice Settings		
Voices	Enabled	This is a global setting for Sensors, Panel messages, Activity Monitoring Sensors, and Z-Wave device voices and indicates whether the panel should "speak"
Sensors	Enabled	Turns Sensor voices on (enabled) or off (disabled)
Panel	Enabled	Turns Panel voices on (enabled) or off (disabled)
Activity Monitoring	Enabled	Turns Activity Monitoring voices on (enabled) or off (disabled)

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

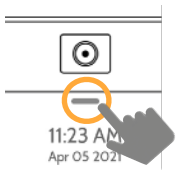
ENTER CODE (1111, 2222)

SOUND

SOUND

Setting	Default	Description
Automation Device Voice Prompts	Enabled	Turns Automation Device voices on (enabled) or off (disabled)
Automation Remote Voice Prompts	Enabled	Turns voices on (enabled) or off (disabled) for Automation devices being controlled remotely (via Alarm.com)
Chime Settings		
All Chimes	Enabled	This is a global setting for Sensors, Panel messages and Activity Monitoring Sensors chimes and indicates whether the panel should emit tones or "beeps"
Sensor Chimes	Enabled	Turns chimes on (enabled) or off (disabled) for Sensors
Panel	Enabled	Turns Panel chimes on (enabled) or off (disabled)
Activity Sensor	Enabled	Turns Activity Sensor chimes on (enabled) or off (disabled)

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

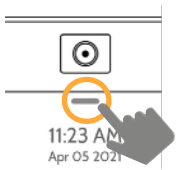
ENTER CODE (1111, 2222)

SOUND

SOUND

Setting	Default	Description
Trouble Beeps		
Trouble Beeps**	Disabled	Toggles all sensor and panel trouble beeps on or off. By default all trouble beeps are disabled
PowerG Siren Trouble Beeps	Disabled	Determines whether PowerG sirens sound trouble beeps (enabled) or not (disabled)
RF Jam Trouble Beeps	Disabled	Determines whether a RF Jam condition sounds trouble beeps (enabled) or not (disabled)
Sensor Low Battery**	Disabled	Panel sounds when a sensor battery is low. Chime type and frequency are set below. By default these sounds are disabled
Sensor Tamper Beeps**	Disabled	Panel sounds when a sensor is tampered. Chime type and frequency are set below. By default these sounds are disabled
Panel Tamper Beeps**	Disabled	Panel sounds when tampered or opened. Chime type and frequency are set below. By default these sounds are disabled
Edit Trouble Beep Chimes	n/a	Select the chime type for Sensor Low Battery, Sensor Tamper, and Panel Tamper

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

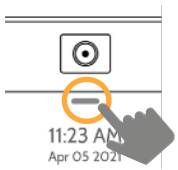
SOUND

**Set to Enabled for EN Grade 2 installations.

SOUND

Setting	Default	Description
Trouble Beeps Timeout***	30	Determines the amount of time between each trouble beep. Length can be set between 3-60 mins. (default is 30 mins)
Fire and Life Safety Device Trouble Beeps	Enabled	Panel will sound a trouble alert if a fire safety device is tampered, failed or has a low battery (enabled by default)
Partition Sounds*		
Global Fire Siren	Enabled	When Partitions are enabled this setting determines whether Fire alarms sound in all partitions (enabled) or in only the partition they are assigned to (disabled)
Global Intrusion Sounds and Sirens	Disabled	Intrusion alarms and entry/exit sounds will sound in all partitions
Global Auxiliary Sirens	Disabled	Auxiliary alarm will sound in all partitions
Global Chimes and Voices	Disabled	Chimes and voices will play in all partitions
All Sounds in Partition 1	Disabled	Sounds and alarms from all other partitions will sound in partition 1

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SOUND

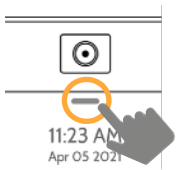
*** Additional settings available only when Partitions are enabled.**

***** Setting shall be set to 3 min for EN Grade 2 installations**

SOUND

Setting	Default	Description
Other Sounds		
Touch Sounds	Enabled	This setting determines whether a touch sound is played when touching the screen (enabled) or not (disabled)
Exit Beeps	Enabled	Play exit beeps for the Quick Exit and Quick Access feature on the panel (enabled) or not (disabled)

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

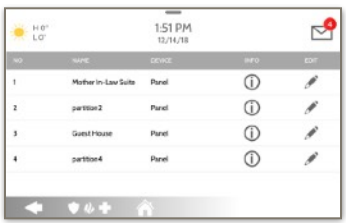
ENTER CODE (1111, 2222)

SOUND

PARTITIONS*

Note: This feature has not been evaluated for EN Grade 2

Partitions
Edit the default name of a partition and view a list of users and sensors that are currently assigned to a given partition. Partitions 1, 2, 3 & 4 only appear when Partitions are enabled and when at least one sensor is learned into them.

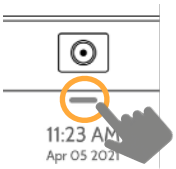


Overview:
View the number of partitions set up on a system. There must be at least one sensor assigned to a partition before it can be viewed/edited

Info:
View Users and Sensors associated with each partition

Edit:
Rename a partition that suits its location or area being protected

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

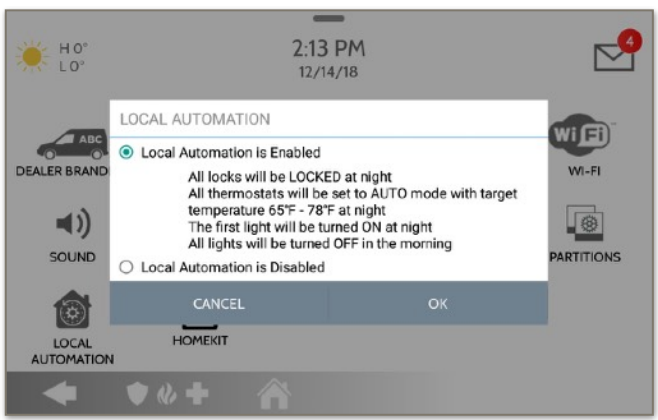
ENTER CODE (1111, 2222)

PARTITIONS

* **The "Partitions" icon will only appear if Partitions are enabled under Installer/Dealer Settings**

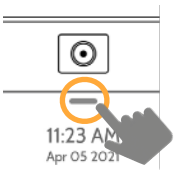
LOCAL AUTOMATION*

Local Automation
This hardcoded scene is designed for Panels installed in new construction properties that do not yet have an Alarm.com account activated, but that need to manage Z-Wave devices locally in a "vacant home mode".



Runs Daily:
- Automatically LOCK all locks at night (8pm)
- Set all thermostats to AUTO mode with a target temperature of 65°F - 78°F (18.3°C - 25°C)
- Turn Light 1 ON at night (8pm) and then turn all lights OFF in the morning (6am)

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

LOCAL AUTOMATION

*This page only available through the Dealer Code.

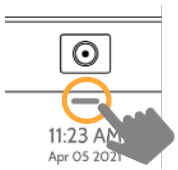
IQ INSTALLER

IQ Installer
IQ Installer allows for local system installer programming over Wi-Fi via an iOS or Android device, in place of the built-in touchscreen found on IQ Panel 5 & IQ5 Hub. This application can be downloaded on both the Apple and Google Play stores by searching for the phrase "IQ Installer Interface".

GET IT ON Google Play

Download on the App Store

FIND IT



Swipe down for access

SETTINGS

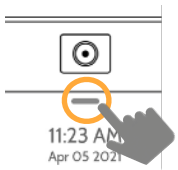
ADVANCED SETTINGS

ENTER CODE (1111, 2222)

IQ INSTALLER

DEVICES

FIND IT



Swipe down for access

- SETTINGS
- ADVANCED SETTINGS
- ENTER CODE (1111, 2222)
- INSTALLATION
- DEVICES

*Unsupported Z-Wave Devices icon only available through the Dealer Code.

SECURITY SENSORS

SECURITY SENSORS

Security Sensors
Add, edit or delete up to 128 security RF or life safety devices.

Auto Learn Sensor
Pair sensors quickly by tripping or tampering and then editing the information

Add Sensor
Pair sensors manually by typing in a DL code or Serial number

Edit Sensor
Make changes to existing sensors

Delete/Swap Sensor
Remove a sensor or change the DL ID

Sensor Status
Monitor sensor status in realtime

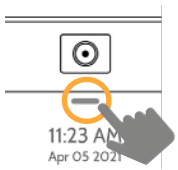
Sensor Group
Quick reference to all sensor groups and their actions

Panel Motion Settings
Adjust Panel Motion sensitivity and masking areas

Remove All Zigbee Sensors
Delete all Zigbee sensors from the Panel

PowerG Output Rules
Configure PGMs when using the PGxWLSHW8 or PGxHRDW8

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

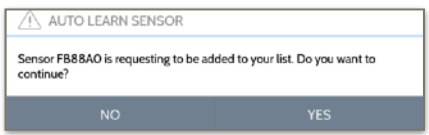
INSTALLATION

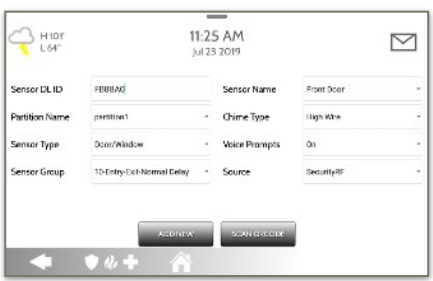
DEVICES

SECURITY SENSORS

AUTO LEARN SENSOR

Note: SRF433 is not for EN Grade 2 Installations. SRF319 and SRF345 are not for UKCA or CE/EN Grade 2 Installations





1. Select "**Auto Learn Sensor**"

2. Open/Close or Tamper a sensor to enroll. For PowerG contacts, hold the "enroll" button until the yellow LED flashes.

3. Panel will chime and display the sensor's DL code. Select OK to confirm.

4. Configure **Partition Name**, **Sensor Type**, **Sensor Group**, **Sensor Name**, **Chime Type** and **Voice Prompts** with the smart filtering drop down lists.

5. Select "**Add New**" to complete and move to the next sensor.

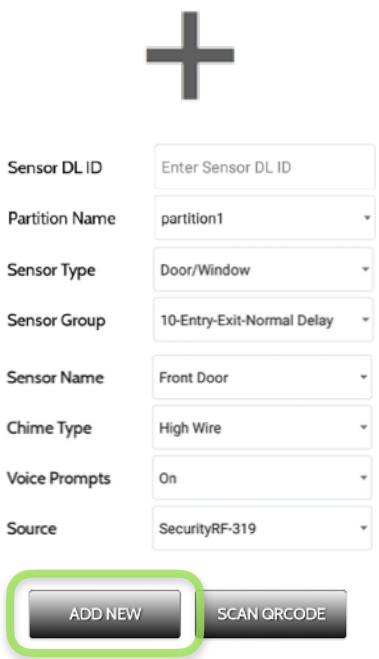
NOTE:

When enrolling an "S-Line" sensor, the panel will auto detect that it's encrypted and change the "Source" field to S-Line.

When enrolling a sensor of a different frequency (345MHz, 433MHz, PowerG) the Source field will change to accommodate the incoming signal type.

When a sensor with the frequency 345 is used, you will be given an additional field to specify the Loop #.

ADD SENSOR



1. Select "**Add Sensor**" (**NOTE**: These same fields can be edited later from the "Edit Sensor" app)

2. Select the appropriate **Source** based on the frequency of device being manually learned in

3. Tap the field marked "**Sensor DL ID**" to open the keyboard. Enter the DL code or Sensor ID on the back of the device and touch "Done"

4. Use the drop down menu to select which **Partition** you would like the sensor to be added to (if enabled)

5. Choose **Sensor Type** from list

6. Indicate **Sensor Group** from list

7. Choose **Sensor Name** from the list or create a "Custom Name" using the built in keyboard with Custom Text to Speech.

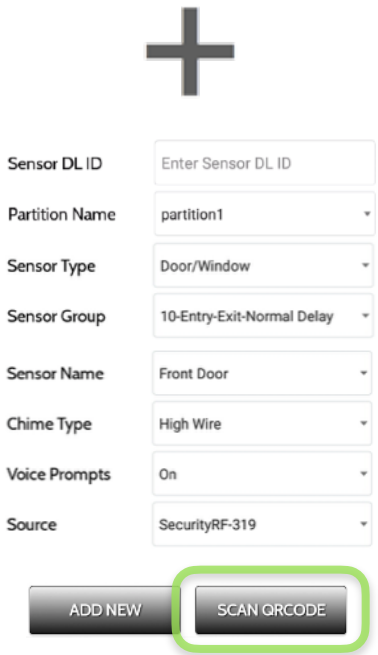
8. Choose **Chime Type** from list

9. Indicate whether you want **Voice Prompts** on or off

10. Click "**Add New**" to save the information and complete the process.

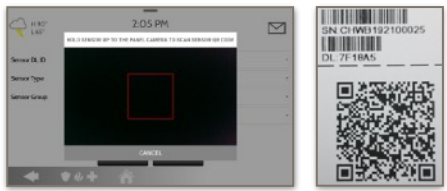
SCAN QR CODE

*This feature is only used with Qolsys S-Line 319 Sensors that have compatible QR code labels on the box



1. Select "**Add Sensor**"

2. Tap the button marked "**Scan QR Code**" to open the camera. Hold the QR code label on the sensor box up to the camera to automatically scan the Sensor DL ID



3. Use the drop down menu to select which **Partition** you would like the sensor to be added to (if enabled)

4. Choose **Sensor Type** from list

5. Indicate **Sensor Group** from list

6. Choose **Sensor Name** from the list or create a "Custom Name" using the built in keyboard with Custom Text to Speech.

7. Choose **Chime Type** from list

8. Indicate whether you want **Voice Prompts** on or off

9. Click "**Add New**" to save the information and complete the process.

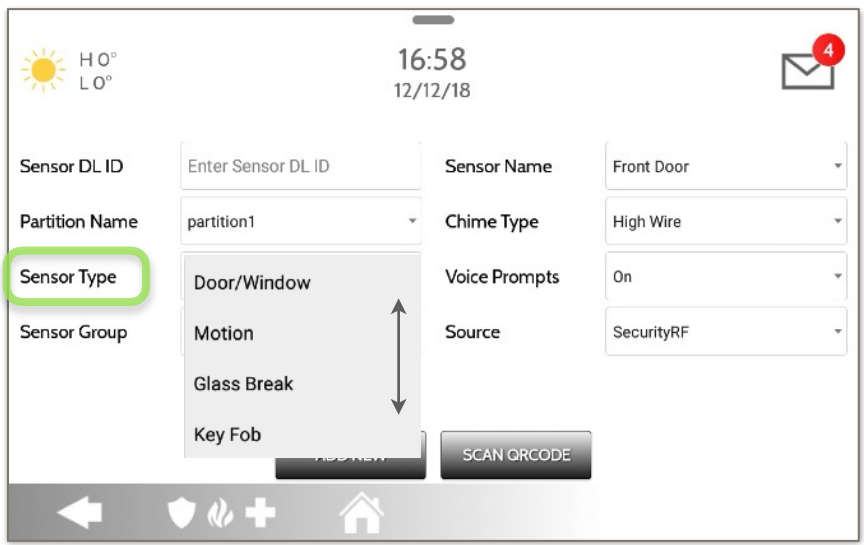
PARTITION NAME

When Partitions are enabled (see Dealer/Installer Settings) you may then assign a sensor to a specific partition. This will allow independent control and arming of that partition without disrupting the main panel's master partition. You may create and use up to 4 partitions.

SENSOR TYPE

When adding or editing security devices you can choose from the following sensor types:

Door/Window
Motion
Glass Break
Key Fob
Keypad
Auxiliary Pendant
Smoke Detector
CO Detector
Hardwire Translator
Wireless Translator
Temperature
Heat
Water
Shock Sensor
Freeze
Tilt
Door Bell
Smoke-M
Door/Window-M
Occupancy Sensor
Siren
High Temperature



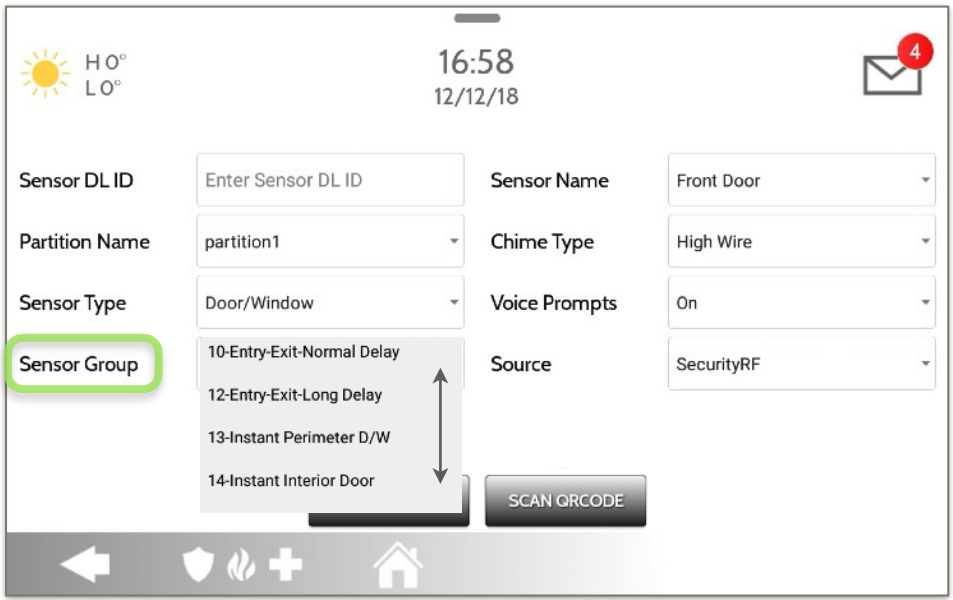
Note: for UL/cUL, only UL/cUL listed devices shall be used: Door/Window contact: 60-362N-10-319.5, Motion Detector: 60-639-95R, Smoke Detector: IQ Smoke QS5110-840. For UL2610 installations use only UL listed PowerG devices.

SENSOR GROUP

Sensor groups will change the behavior of the sensor. These are tied directly to your Sensor Type, displaying only what's relevant.

Touch the "Sensor Group" drop down to change.

A full list of Sensor Groups and descriptions can be found under "Sensor Groups" listed in the manual below.



SENSOR GROUPS

IQ Panel 5, IQ5 Hub or IQ5 NS supports PowerG along with ONE "legacy" frequency (319.5 MHz, 345 MHz, or 433 MHz) depending on which RF daughter card is installed. Sensor Group numbers and behaviors remain the same across all frequencies. When pairing a 345 MHz sensor with the Panel, an additional option for "Loop" number will be shown. IQ Panel also supports the use of Zigbee daughter card in conjunction with compatible Zigbee devices for UL/ULC Residential Fire and Burglary applications. **Note**: SRF433 is not for EN Grade 2 Installations. SRF319 and SRF345 are not for UKCA or CE/EN Grade 2 Installations

DOOR/WINDOW

GROUP	NAME	SUPERVISED	SCENARIO
10	Entry-Exit- Normal Delay	Y	Gives a period of time to exit the home or to disarm the panel when returning before sounding the alarm
11	Day Zone	Y	Door or window that triggers an alarm **instantly** when system is armed (same a Group 13). When panel is disarmed, zone will annunciate opens and closes, and will continue to notify until the dismiss button is pressed.
12	Entry-Exit- Long Delay	Y	Gives a period of time to exit the home or to disarm the panel when returning before sounding the alarm. This can be a separate delay from the "normal delay"
13	Instant Perimeter D/W	Y	Door or window that triggers an alarm **instantly** when system is armed
14	Instant Interior Door	Y	An interior sensor that triggers an alarm **instantly** while armed to both stay and away. Does not trip if an entry/exit sensor is tripped first

DOOR/WINDOW

GROUP	NAME	SUPERVISED	SCENARIO
16	Away Instant- Follower Delay	Y	Interior door that **triggers alarm instantly** when system is armed to away mode only
25	Local Safety Sensor	Y	This sensor does **not** report or trigger an alarm. This is a **chime only** sensor when "Activity Monitoring" is active, regardless of panel status. Used for medicine cabinets, chemical storage etc
8	Reporting Safety Sensor	Y	This sensor reports to the central station and **triggers** an alarm when "Activity Monitoring" is active, regardless of panel status
9	Delayed Reporting Safety Sensor	Y	This sensor reports to the central station and triggers an alarm when "Activity Monitoring" is active, regardless of panel status. This sensor has an entry delay

*345 MHz door/window sensors will have the option to change the "Loop" number to 1 or 2. This will allow the sensor to be programmed twice as 2 different zones.

* Power G Door/Window contact PGx945, PGx309, PGx312 adds an additional drop down menu to determine the contact type, Reed Switch or Wired.

MOTION

GROUP	NAME	SUPERVISED	SCENARIO
17	Away- Instant Motion	Y	Active only when armed to "Night" or "Away", and trips instantly when motion is detected. Does **not** trip if an entry/exit sensor is tripped first
15	Stay- Instant Motion	Y	Active in "Stay", "Night" & "Away" modes, and trips instantly when motion is detected. Does **not** trip if an entry/exit sensor is tripped first
35	Stay- Delay Motion	Y	Active in "Stay", "Night" & "Away" modes. Triggers an entry delay when motion is detected. Does **not** trip if an entry/exit sensor is tripped first
20	Away- Delay Motion	Y	Active when armed to "Night" and "Away". Triggers an entry delay when motion is detected. Does **not** trip if an entry/exit sensor is tripped first
21	Night Motion	Y	Active only when armed to "Away", and trips instantly when motion is detected. Does **not** trip if an entry/exit sensor is tripped first
25	Safety Motion	Y	This sensor does **not** report or trigger an alarm. This is a chime only sensor when "Activity Monitoring" is active, regardless of panel status. Used for medicine cabinets, storage, activity tracking, etc

MOTION

GROUP	NAME	SUPERVISED	SCENARIO
43	Away- Instant, Stay- Delay Motion	Y	Active in both "Stay", "Night" & "Away" modes. During Away mode, trips instantly when motion is detected. Does **not** trip if an entry/exit sensor is tripped first. During Stay mode, triggers an entry delay when motion is detected.
44	Away- Instant Interior Motion	Y	Active only when armed to "Night" or "Away", and trips instantly when motion is detected. Does **not** follow entry/exit delay rules and is always instant.
45	Away- Stay- Instant Interior Motion	Y	Active in both "Stay", "Night" & "Away" modes. Trips instantly when motion is detected. Does **not** follow entry/exit delay rules and is always instant.

*345 MHz motion sensors will have the option to change the "Loop" number to 1, 2 or 3. This will allow the sensor to be programmed twice as 2 different zones where supported by the device.

*Power G Motion Detectors with Prefix 120, 122, 130, 140 and 142 offer additional functions such as High Traffic Shutdown and Sensitivity Level. Motions with prefix 123, 126, 127, 128 and 129 offer High Traffic Shutdown only as an additional function.

SENSOR GROUPS

GLASS BREAK

*345 MHz glass break sensors can be programmed as "Loop" 1 only

GROUP	NAME	SUPERVISED	SCENARIO
13	Glass Break	Y	Active in both "Stay" and "Away" mode
17	Glass Break -Away Only	Y	Active in "Away" mode only

KEY FOB

*345 MHz Keyfobs will follow the IQ Panel's Keyfob programming and functionality

GROUP	NAME	SUPERVISED	SCENARIO
1	Mobile Intrusion	N	**Worn or carried**, the button(s) is/are programmed to trigger a **police panic**
3	Mobile Silent	N	**Worn or carried**, the button(s) is/are programmed to trigger a **silent police panic**
4	Fixed Auxiliary	Y	Installed in a **fixed location** such as night stand, the button(s) is/are programmed to trigger an Auxiliary panic. **NOTE:** Medical functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.
5	Fixed Silent Auxiliary	Y	Installed in a **fixed location** such as night stand, the button(s) is/are programmed to trigger a **silent** Auxiliary panic. **NOTE:** Medical functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.

SENSOR GROUPS

KEY FOB

*345 MHz Keyfobs will follow the IQ Panel's Keyfob programming and functionality

GROUP	NAME	SUPERVISED	SCENARIO
6	Mobile Auxiliary	N	**Worn** as a wrist watch or pendant, the button(s) is/are programmed to trigger an Auxiliary panic. **NOTE:** Medical functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.
7	Mobile Silent Auxiliary	N	**Worn** as a wrist watch or pendant, the button(s) is/are programmed to trigger a **silent** Auxiliary panic. **NOTE:** Medical functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.

KEYPAD

GROUP	NAME	SUPERVISED	SCENARIO
0	Fixed Intrusion	Y	Installed in a **fixed location**, the keypad is programmed to trigger a **police panic.** **NOTE:** Hold-up functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.
1	Mobile Intrusion	N	**Keypad can be mobile** and is programmed to trigger a **police panic**
2	Fixed Silent	Y	Installed in a **fixed location**, the keypad is programmed to trigger a **silent police panic**
3	Mobile Silent	N	Keypad can be mobile and is programmed to trigger a **silent police panic**

KEYPAD

GROUP	NAME	SUPERVISED	SCENARIO
4	Fixed Auxiliary	Y	Installed in a **fixed location** such as night stand, the keypad is programmed to trigger an Auxiliary panic. **NOTE:** Medical functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.
5	Fixed Silent Auxiliary	Y	Installed in a **fixed location** such as night stand, the keypad is programmed to trigger a **silent** Auxiliary panic. **NOTE:** Medical functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.
6	Mobile Auxiliary	N	Keypad can be mobile and is programmed to trigger an Auxiliary panic. **NOTE:** Medical functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.
7	Mobile Silent Auxiliary	N	Keypad can be mobile and is programmed to trigger a **silent** Auxiliary panic. **NOTE:** Medical functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.

AUXILIARY PENDANT

*345 MHz auxiliary pendants can be programmed as "Loop" 1 only

GROUP	NAME	SUPERVISED	SCENARIO
0	Fixed Intrusion	Y	Installed in a **fixed location** such us under a desk, the button(s) is/are programmed to trigger a **police panic**
1	Mobile Intrusion	N	Worn or carried, the button(s) is/are programmed to trigger a **police panic**
2	Fixed Silent	Y	Installed in a **fixed location** such us under a desk, the button(s) is/are programmed to trigger a **silent police panic**
3	Mobile Silent	N	**Worn or carried**, the button(s) is/are programmed to trigger a **silent police panic**
4	Fixed Auxiliary	Y	Installed in a **fixed location** such as night stand, the button(s) is/are programmed to trigger an auxiliary panic
5	Fixed Silent Auxiliary	Y	Installed in a **fixed location** such as night stand, the button(s) is/are programmed to trigger a **silent** Auxiliary panic. **NOTE:** Medical functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.
6	Mobile Auxiliary	N	Worn as a wrist watch or pendant, the button(s) is/are programmed to trigger an A**uxiliary** panic

AUXILIARY PENDANT

*345 MHz auxiliary pendants can be programmed as "Loop" 1 only

GROUP	NAME	SUPERVISED	SCENARIO
7	Mobile Silent Auxiliary	N	**Worn** as a wrist watch or pendant, the button(s) is/are programmed to trigger a **silent** Auxiliary panic. **NOTE:** Medical functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.
25	Safety Auxiliary Pendant	N	Used for local alerts like a nurse call button. Will not report an alarm to the Central Station. **NOTE:** Medical functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.
61	Fixed Intrusion Restore	Y	Installed in a **fixed location** such as under a desk, the button(s) is/are programmed to trigger a **police panic**. Sends a restore to the Central Station
62	Fixed Silent Restore	Y	Installed in a **fixed location** such as under a desk, the button(s) is/are programmed to trigger a **silent police panic**. Sends a restore to the Central Station

SMOKE DETECTOR/HEAT

*345 MHz smoke sensors will have the option to change the "Loop" number to 1, 2 or 3. This will allow the sensor to be programmed twice as 2 different zones where supported by the device

GROUP	NAME	SUPERVISED	SCENARIO
26	Smoke-Heat	Y	Triggers an alarm when sensor detects smoke/rapid rise in heat

SMOKE-M

GROUP	NAME	SUPERVISED	SCENARIO
26	Smoke-Heat	Y	Triggers an alarm when sensor detects smoke or a rapid rise of heat. Use **ONLY** with Qolsys multi-sensor smoke (QS5110-840)

CO DETECTOR

*345 MHz carbon monoxide sensors can be programmed as "Loop" 1 only

GROUP	NAME	SUPERVISED	SCENARIO
34	CO	Y	Triggers an alarm when sensor detects Carbon Monoxide

HARDWIRE TRANSLATOR & WIRELESS TRANSLATOR

GROUP	NAME	SUPERVISED	SCENARIO
13	Takeover	Y	Triggers an alarm when sensor is tampered in "Stay" or "Away" mode

TILT

*345 MHz tilt sensors can be programmed as "Loop" 3 only

GROUP	NAME	SUPERVISED	SCENARIO
10	Entry-Exit- Normal Delay	Y	Triggers alarm after "normal delay" expires. Arms with both "Stay" and "Away"
12	Entry-Exit- Long Delay	Y	Triggers alarm after "long delay" expires. Arms with both "Stay" and "Away
25	Garage Tilt- Safety Tilt	Y	This sensor group does **not** report or trigger an alarm. This is a chime only sensor when "Activity Monitoring" is active, regardless of panel status. Great for detached garage/shops. **NOTE:** Functionality in conjunction with garage door openers has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.

SENSOR GROUPS

WATER

*345 MHz water sensors will have the option to change the "Loop" number to 1, 2 or 3. This will allow the sensor to be programmed twice as 2 different zones where supported by the device

GROUP	NAME	SUPERVISED	SCENARIO
38	Water Sensor	Y	Triggers an alarm when sensor detects presence of water. **NOTE:** flood sensor functionality has not been evaluated for UL/cUL, UKCA or CE/EN Grade 2.
25	Water Non-Reporting	Y	Used for local alerts. Will not report an alarm to the Central Station

Please note: When selecting "Water" you will see two additional options under "Sensor Sub-Type". For IQ TempH20 (QS5500-PO1) & the IQ Flood (QS5516-840/QS5536-840) select "IQ Flood", for all others, select "Other Flood"

SHOCK SENSOR

*345 MHz shock sensors will have the option to change the "Loop" number to 1 or 3. This will allow the sensor to be programmed twice as 2 different zones where supported by the device

GROUP	NAME	SUPERVISED	SCENARIO
13	Shock-Glass-Break	Y	Arms and trips shock sensors immediately when armed to both "Stay" and "Away"
17	Glass-Break-Away Only	Y	Arms and trips shock sensors immediately when armed only to "Away"

Please note: When selecting "Shock" you will see two additional options under "Sensor Sub-Type". For IQ Shock select "IQ Shock", for all others select "Other Shock". *Power G Shock Sensor with prefix 170 offers additional sensitivity level functions

FREEZE

*345 MHz temp sensors can be programmed as "Loop" 1 only

GROUP	NAME	SUPERVISED	SCENARIO
52	Freeze	Y	Triggers an alarm when sensor detects low temperatures. **NOTE:** temperature sensor functionality has not been evaluated by UL/cUL
25	Freeze Non-Reporting	Y	Used for local alerts. Will not report an alarm to the Central Station

Please note: When using the PGx905 with Group 52, Freeze, the Low threshold setting is set to 40°F (4°C) by default. The Low threshold can be customized between -22°F and 158°F (-40°C and 85°C).

HIGH TEMPERATURE

GROUP	NAME	SUPERVISED	SCENARIO
53	Temp Reporting	Y	Triggers an alarm when sensor detects high temperatures. **NOTE:** temperature sensor functionality has not been evaluated by UL/cUL
25	Temp Non-Reporting	Y	Used for local alerts. Will not report an alarm to the Central Station

Please note: When using the PGx905 with Group 53, the High threshold setting is set to 100°F (38°C) by default. The High threshold can be customized between -22°F and 158°F (-40°C and 85°C).

DOOR BELL

GROUP	NAME	SUPERVISED	SCENARIO
25	Local Safety Sensor	Y	This sensor does **not** report or trigger an alarm. This is a chime only sensor when "Activity Monitoring" is active, regardless of panel status. Great to automate lights, cameras and notifications etc

SIREN

GROUP	NAME	SUPERVISED	SCENARIO
33	Siren	Y	Used for supervising Z-Wave sirens for wireless connectivity. Reports to the central station.
25	Local Safety Sensor	Y	Used for supervising Z-Wave sirens for wireless connectivity. Local supervision only. Does **NOT** report to the central station.

DOOR/WINDOW-M (For use only with Multi-function Door/Window Sensors)

GROUP	NAME	SUPERVISED	SCENARIO
10	Entry-Exit- Normal Delay	Y	Gives a period of time to exit the home or to disarm the panel when returning before sounding the alarm
12	Entry-Exit- Long Delay	Y	Gives a period of time to exit the home or to disarm the panel when returning before sounding the alarm. This can be a separate delay from the "normal delay"
13	Instant Perimeter D/W	Y	Door or window that triggers alarm **instantly** when system is armed
14	Instant Interior Door	Y	An interior sensor that triggers an alarm **instantly** while armed to both stay and away. Does not trip if an entry/exit sensor is tripped first
16	Away Instant- Follower Delay	Y	Interior door that **triggers alarm instantly** when system is armed to away mode only

SENSOR GROUPS

DOOR/WINDOW-M (For use only with Multi-function Door/Window Sensors)

GROUP	NAME	SUPERVISED	SCENARIO
25	Local Safety Sensor	Y	This sensor does **not** report or trigger an alarm. This is a **chime only** sensor when "Activity Monitoring" is active, regardless of panel status. Used for medicine cabinets, chemical storage etc
8	Reporting Safety Sensor	Y	This sensor reports to the central station and **triggers** an alarm when "Activity Monitoring" is active, regardless of panel status
9	Delayed Reporting Safety Sensor	Y	This sensor reports to the central station and triggers an alarm when "Activity Monitoring" is active, regardless of panel status. This sensor has an entry delay

OCCUPANCY SENSOR

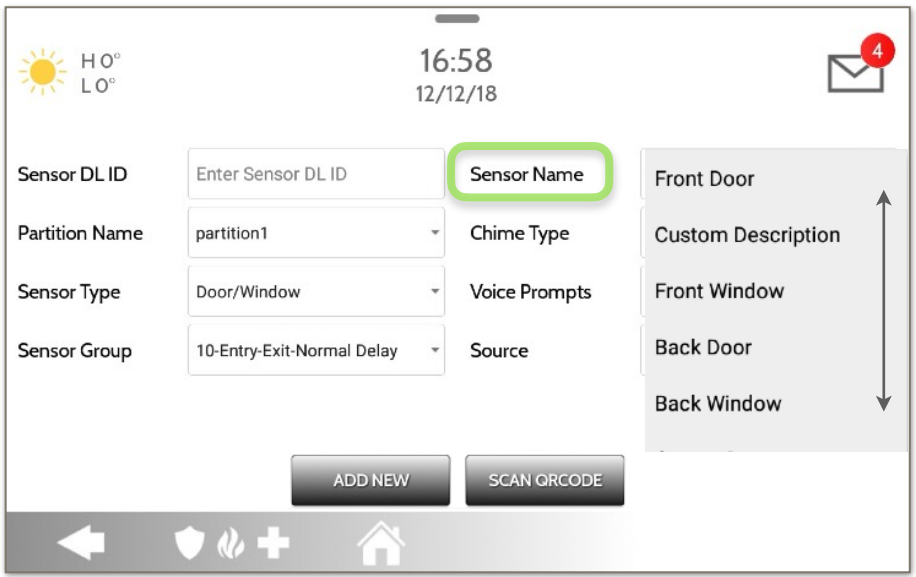
GROUP	NAME	SUPERVISED	SCENARIO
25	Local Safety Sensor	Y	This sensor group is to be used for monitoring activity in the home. This group does not report

TEMPERATURE

GROUP	NAME	SUPERVISED	SCENARIO
50	Temp Reporting CMS	Y	Only for use with the PowerG Temp Sensor (PGx905). Reports to the Central Station. Allows for actual temperature monitoring (thermometer) with customizable high/low threshold settings
51	Temp Non Reporting	Y	Only for use with the PowerG Temp Sensor (PGx905). This sensor group does **not** report to the Central Station. Allows for actual temperature monitoring (thermometer) with customizable high/low threshold settings
52	Freeze	Y	Triggers an alarm when sensor detects low temperatures. **NOTE:** temperature sensor functionality has not been evaluated by UL/cUL
53	Temp Reporting	Y	Triggers an alarm when sensor detects high temperatures. **NOTE:** temperature sensor functionality has not been evaluated by UL/cUL

Please note: When using the PGx905 with Group 50 or 51, the High & Low threshold settings are set to 40°F and 100°F (4°C and 38°C) by default. When using Group 52, the Low threshold setting is set to 40°F (4°C) by default. When using Group 53, the High threshold setting is set to 100°F (38°C) by default. Thresholds can be customized between -22°F and 158°F (-40°C and 85°C).

SENSOR NAME

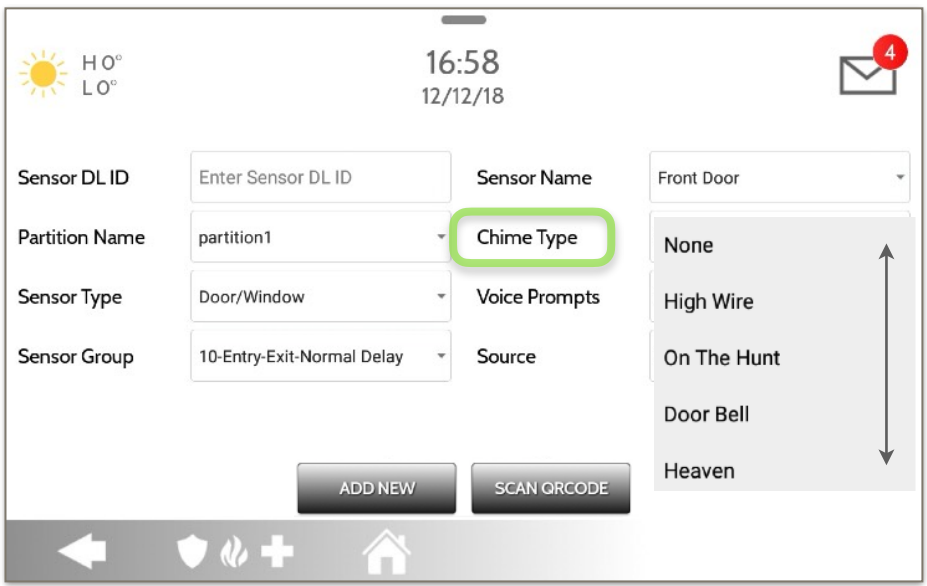


When you select the sensor name field you can choose from a variety of preset sensor names by scrolling up and down or create a custom description.

SENSOR NAME: CUSTOM DESCRIPTION

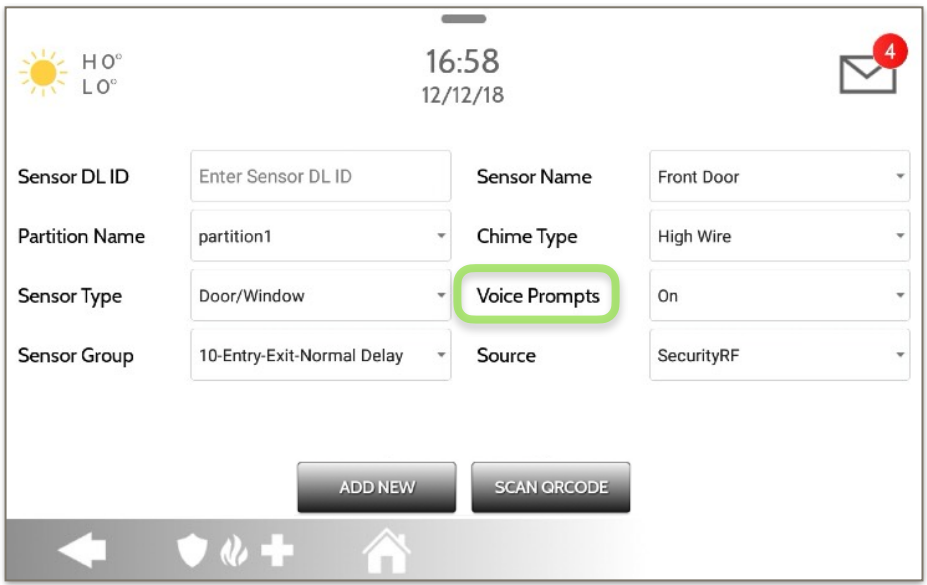
When you select "Custom Description" as your sensor name the keyboard will appear. Type in the desired name (up to 56 characters) and click "Done." The name will appear in the field below "Sensor Name."

CHIME TYPE



Because of the dynamic nature of the way the IQ Panel pairs and understands each individual sensor, you can program each sensor to have a unique chime or even turn chiming off for that individual sensor. To customize your chime for a particular sensor touch the Chime Type drop down and choose from the list.

VOICE PROMPTS



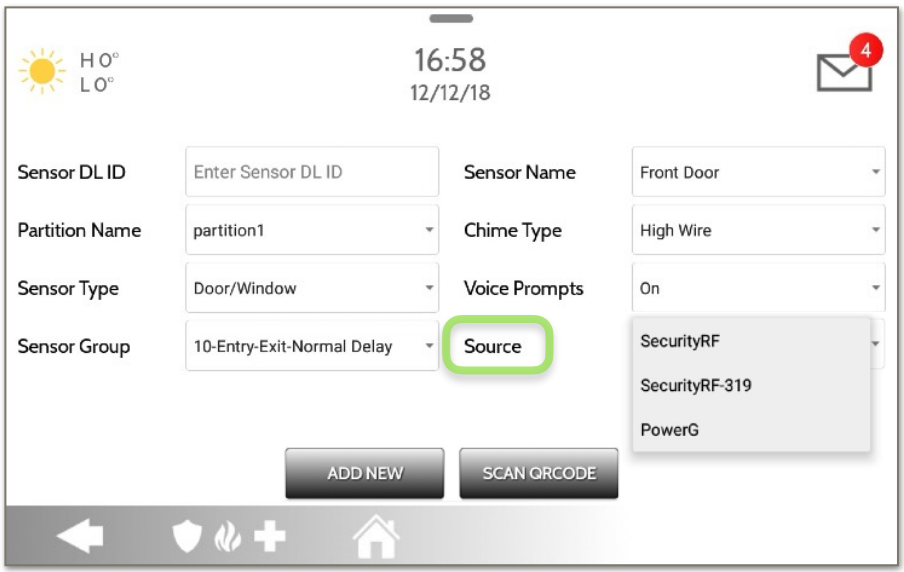
Voice prompts annunciate the sensor name when the sensor is opened or tripped.*

For door/window sensors, voice prompts are defaulted to "On". For most other sensors the default is "Off." Touch the drop down menu to change.

Choose individually which sensors should have voice prompts ON or OFF

*__NOTE:__ "Activity Monitoring Sensors" will also audibly report when they have been closed.

SOURCE



Source indicates the sensor's incoming frequency when pairing to the IQ Panel.

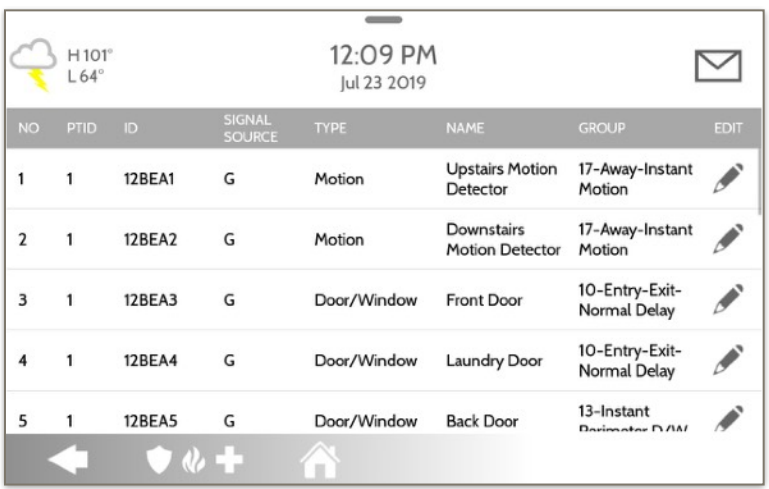
The following options will be available depending on the pre-installed RF Daughter Card:

- PowerG
- SecurityRF
- SecurityRF-319
- S-Line
- SecurityRF-345
- 345RF 2G
- SecurityRF-433
- Zigbee

NOTE: PowerG modem radio cards are used also in UL/ULC listed Commercial burglary applications. SRF319, SRF433 (DSC Protocol), PowerG modem, Zigbee and SRF345 radio cards are used in UL/ULC listed Residential fire and burglary applications. SRF433 (AT&T Digital Life protocol) modem radio cards are used only in UL listed Residential fire and burglary applications. Zigbee and SRF433 are not for EN Grade 2, SRF319, SRF345 are not for UKCA or CE/EN Grade installations.

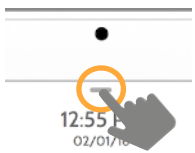
EDIT SENSOR

Edit Sensor
Edit sensors after they have already been learned in. All fields can be edited with the exception of the DL or Sensor ID.



To make changes to a sensor, touch the "Pencil" icon next to the sensor that needs editing. Change desired fields and then touch "SAVE".

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

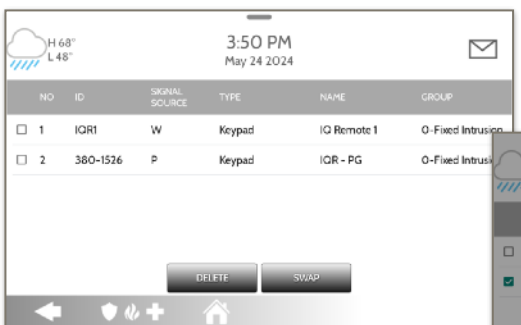
DEVICES

SECURITY SENSORS

EDIT SENSOR

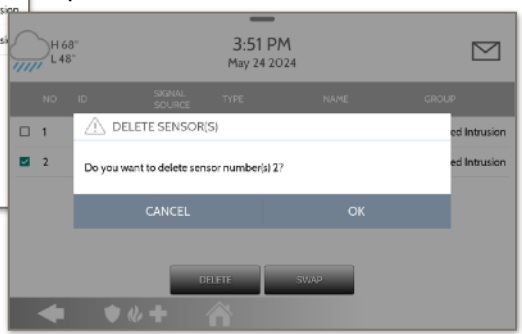
DELETE/SWAP SENSOR

Delete/Swap Sensor
Delete each sensor individually or choose to delete more than one at a time. This is useful when needing to replace a sensor all together instead of simply editing programmed information. You can also Swap a sensor DL ID instead.



Select the sensor(s) from the list that are to be deleted and then touch "DELETE"

Verify that the action is correct and touch "OK" to confirm or "CANCEL" to quit the operation



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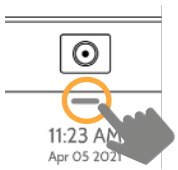


Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

SECURITY SENSORS

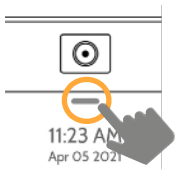
DELETE/SWAP SENSOR

SENSOR STATUS

Sensor Status
Monitor sensor status in real time for things like open, close, tamper, idle and low battery.

This page also allows you to quickly review programming for things like Zone number, Partition, Signal Source (319, 345, 433, PowerG, Native or Zigbee), Sensor Name, Sensor Type and Sensor Group.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

SECURITY SENSORS

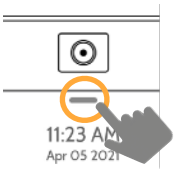
SENSOR STATUS

SENSOR GROUP

Sensor Group
Don't have this manual handy on an install? Sensor Group gives you digital access to view each possible sensor group and its behaviors directly on the panel.

The Sensor Group list is sorted by "Type" in alphabetical order from A - Z.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

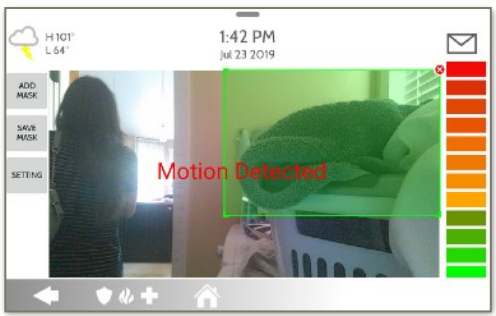
DEVICES

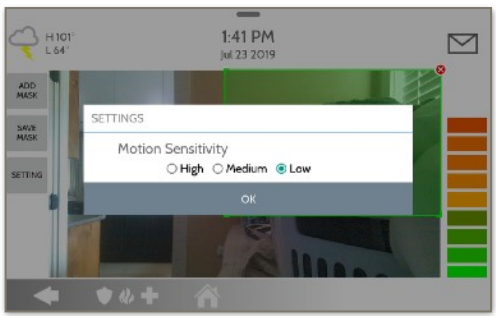
SECURITY SENSORS

SENSOR GROUP

PANEL MOTION SETTINGS

Panel Motion Settings
Control settings for the built-in Panel Motion Detector. Change the sensitivity threshold and mask off up to 4 customizable areas to prevent false triggers.

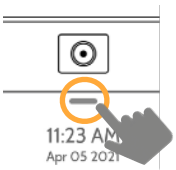




Masking:
Touching "ADD MASK" will give a drawable area (green) that is not taken in to account for motion pixelation change, then touch "SAVE MASK" to save. Up to 4 independent mask areas can be drawn.

Sensitivity Setting:
Touch "SETTING" to change the the Panel Motion sensitivity between Low (default), Medium and High. Use the Green to Red bar on the right side of the screen to determine trigger threshold.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

SECURITY SENSORS

PANEL MOTION SETTINGS

WI-FI DEVICES

WI-FI DEVICES

Wi-Fi Devices
View and remove Wi-fi devices associated with the panel as well as configure the Qolsys Access point.

Wi-Fi
Scan and connect to a Wi-Fi network. This will ensure your panel can receive software updates and have a Dual Path connection.

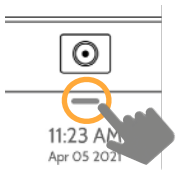
Access Point Settings
Configure the IQ Panel's built in router. Enable/ Disable the router, broadcast or hide the SSID and change the SSID's password etc...

Access Point Connected Devices
View connected device information such as IP, MAC address and for how long the device has been connected.

IQ Remote Devices
Pair an IQ Remote Secondary Touchscreen to the panel whether it is connected to the customer's network or the panel's built in Access Point.

3rd Party Connections
Enable or disable 3rd party connections on the panel. This feature is used for specific 3rd party device integration

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

WI-FI DEVICES

WI-FI DEVICES

IQ WiFi
Connect to and Manage IQ WiFi and IQ WiFi 6 routers

CONNECTING TO WI-FI

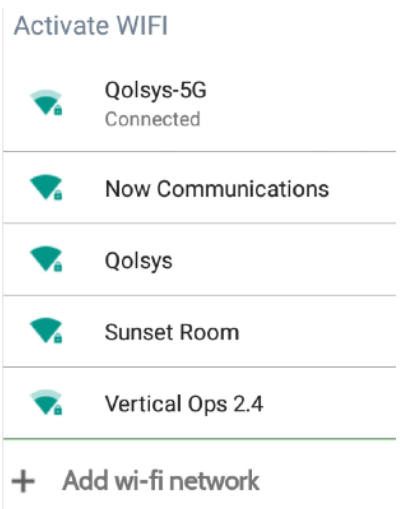
To connect to a Wi-Fi network, follow the steps below:

Swipe down from the top menu bar and select settings.

Touch Advanced Settings (Installer Code)

Then touch "Wi-Fi"

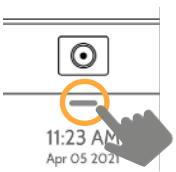
Enable Wi-Fi if not already active



Available networks appear in a list. Touch the desired network and use the keyboard to type the password.

Note: Frequency, PMF, User Code permissions and more can be changed under Advanced Settings

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

WI-FI DEVICES

ACCESS POINT SETTINGS

WI-FI Access Point:
Enable or Disable the Panel Access Point

SSID:
Change the SSID Name. This is the name that other devices will use to connect to.

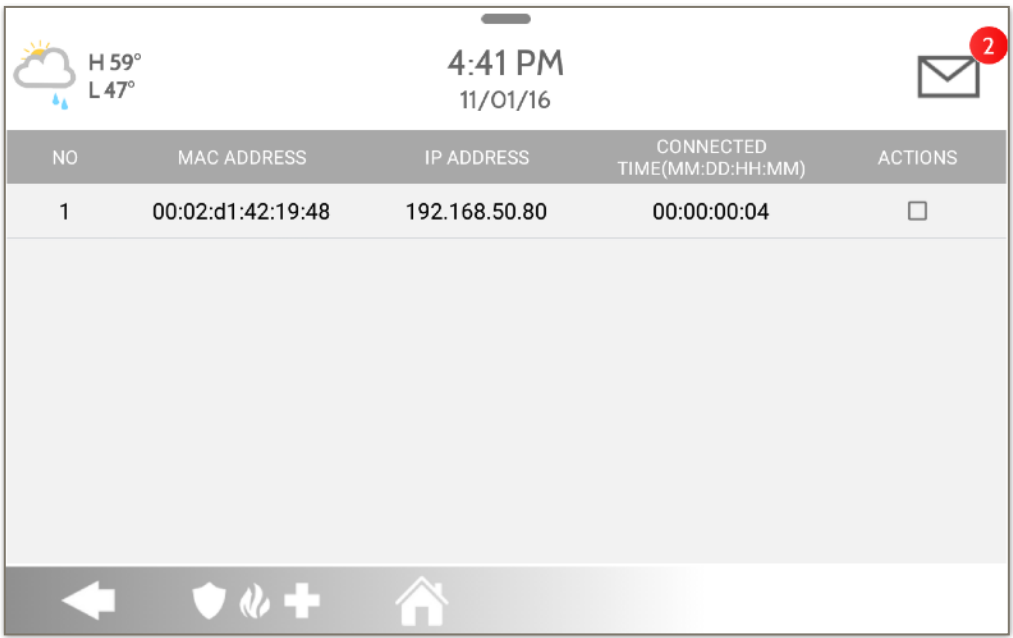
DHCP IP Range:
Modify the DHCP IP Range for the access point. Default is 50.

Change Password:
Change the password of the SSID to one of your choosing.

Activate WPS:
Connect devices to the panel's built-in access point using WPS push button.

Access Point Password:
Shows current password in use for the Panel Access Point

ACCESS POINT CONNECTED DEVICES



View the IP address, Mac address and connected duration of each Wi-Fi client connected to the panel's built in router.

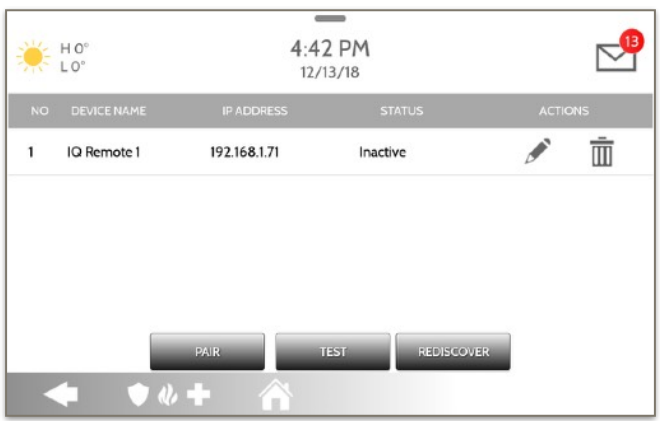
Select "Actions" to then remove a device that has been associated with the panel.

You must remove saved network information from the device otherwise it will re-connect to the panel.

IQ REMOTE DEVICES

IQ Remote Devices

Pair up to 3 IQ Remote Secondary Touchscreens to the panel via the customer's network or the panel's built in access point.



NOTE: The IQ Remote will automatically pair as Sensor Type "Keypad" and will appear on the zone list in the order in which it is paired. Sensor Groups 0, 1 & 2 are available options for this Sensor Type.

1. Connect the IQ Remote to the panel's access point or to the same Wi-Fi network the panel is connected to. **NOTE:** QW9102 & QW9103 IQ Remotes only support 2.4 GHz networks. QW9104 IQ Remotes support both 2.4 GHz and 5 GHz.
2. Prior to pairing the IQ Remote to the panel you can Test the connection by select TEST on the panel and the remote.
3. Select "Pair" on the Panel and then Pair on the IQ Remote to begin during this process the remote will also download and update to the current software version and reboot.
4. The remote device will pair to the panel and will show that it is active on the list. You can then edit (device name and sensor group), ping, delete or rediscover the device if necessary

3RD PARTY CONNECTIONS

Note: Not authorized for EN Grade 2 installations

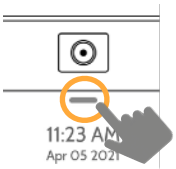
3rd Party Connections
Enable or disable 3rd party connections on the panel. This feature is used for specific 3rd party device integration

Check the "Control4" box to enable 3rd Party Connections. This will cause the panel to reboot in order to apply the change. Once enabled a secure token can be generated in order to sync with Control4 integration.

Remote Access, Home Accessories and Savant are reserved for future use.

NOTE: 6 digit User Codes are required in order to Enable Control 4 integration.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

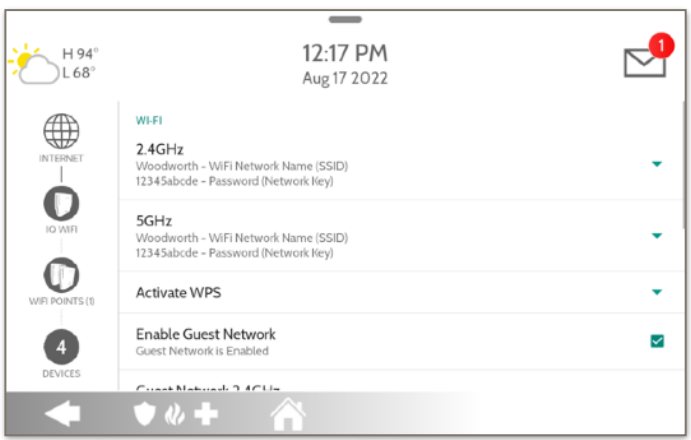
DEVICES

WI-FI DEVICES

3RD PARTY CONNECTIONS

IQ WIFI

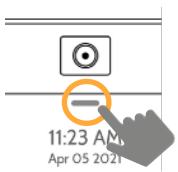
IQ WiFi
Connect to and Manage IQ WiFi and IQ WiFi 6 routers.



Manage the SSID, Password, Guest Network, Security Reconnect, IQ WiFi Profile, Dashboard and more on the IQ WiFi and IQ WiFi 6.

You can also check for a router update, view the devices connected to the network and the network signal strength between nodes.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

WI-FI DEVICES

IQ WIFI

Z-WAVE DEVICES

Z-WAVE DEVICES

Note: Not authorized for EN Grade 2 installations

Z-Wave Devices
Add, Edit, Clear and Remove Z-Wave Devices. You can also View/Edit associations as well as access Z-Wave Settings.

Add Device (Inclusion)
Add new devices to the Z-Wave network

Edit Device
Make changes to existing devices

Clear Device (Exclusion)
Removes a Z-Wave device from its previous network. Also deletes a device from the IQ Panel if currently paired.

Delete Failed Device
Remove a failed Z-Wave device from the IQ Panel's memory

Remove All Devices (Factory Default Reset)
If this controller is the primary controller for your network, resetting it will result in the nodes in your network being orphaned and it will be necessary after the reset to exclude and re-include all of the nodes in the network. If this controller is being used as a secondary controller in the network, use this procedure to reset this controller only in the event that the network primary controller is missing or otherwise inoperable.

View/Edit Associations
Manually change Z-Wave associations for specific devices.

Z-Wave Settings
Configure device limits and other Z-Wave settings.

SmartStart
Enter the device's DSK or simply scan the QR Code.

Provisioning List
Devices added via SmartStart will show their progress of being included into the network.

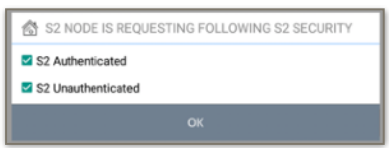
Z-WAVE DEVICES

ADD DEVICE

1. Select "Add Device"

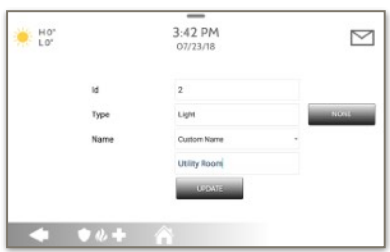
INCLUDE

2. Touch "Include"



3. Press the "Pair" or "Learn" button on the device when the message appears. *(see individual device documentation for instructions on button location)*

4. Adjust the device name by touching and making the appropriate selections.

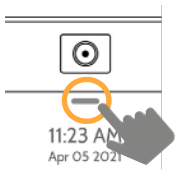


5. Select "Automation" to enable simple light rules.
- **Night**: Turns light on at 7pm and off at 6am
- **Evening**: Turns light on at 7pm and off at 11pm
- **Front Door**: Turns light on for 15mins when Front Door opens (must have a sensor with the default quick name "Front Door" added in the panel).

6. Click "Add" to save the information and complete the process. (Adjustments can be made later from "Edit Device" icon)

S2 is a new Z-Wave Security Protocol. When an S2 node is attempting to be included it will request S2 security keys. These are based on the level of S2 security that the end device requires. These keys can be Unauthenticated, Authenticated or Access. These keys can be manually granted by selecting the appropriate option.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

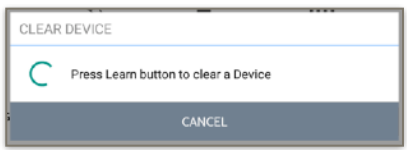
Z-Wave DEVICES

ADD DEVICE

CLEAR DEVICE

Clears Z-Wave device from a network, whether it was enrolled with another controller previously or the IQ Panel. Also deletes a device from the IQ Panel if currently paired.

Touch "Clear Device"



Panel will start sending a "Clear" signal

Press "Pair" or "Learn" button on device*

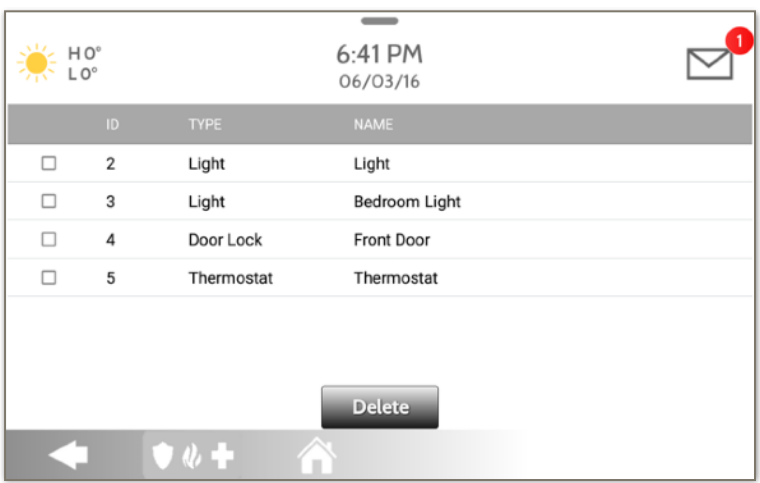
Panel returns to Z-Wave Device menu when complete

NOTE: Each Z-Wave device is different, and not all devices have a hard button to pair or learn. Refer to your device's installation manual for specifics on pairing or learning.

DELETE FAILED DEVICE

Deletes Z-Wave device from the panel. Before adding the device to another network see instructions on how to "Exclude" a Z-Wave device. Only allows a Node ID to be deleted if it has failed and is no longer communicating.

Touch "Delete Failed Device From Panel"



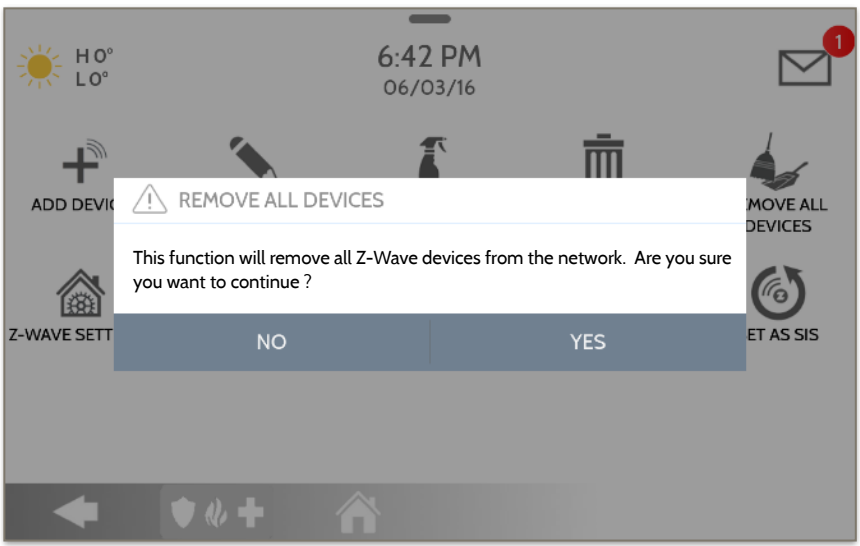
Check the boxes next to the device(s) you want to delete

Delete

Touch "Delete"

REMOVE ALL DEVICES

Deletes all Z-Wave devices from the panel and resets the panel's Z-Wave controller.

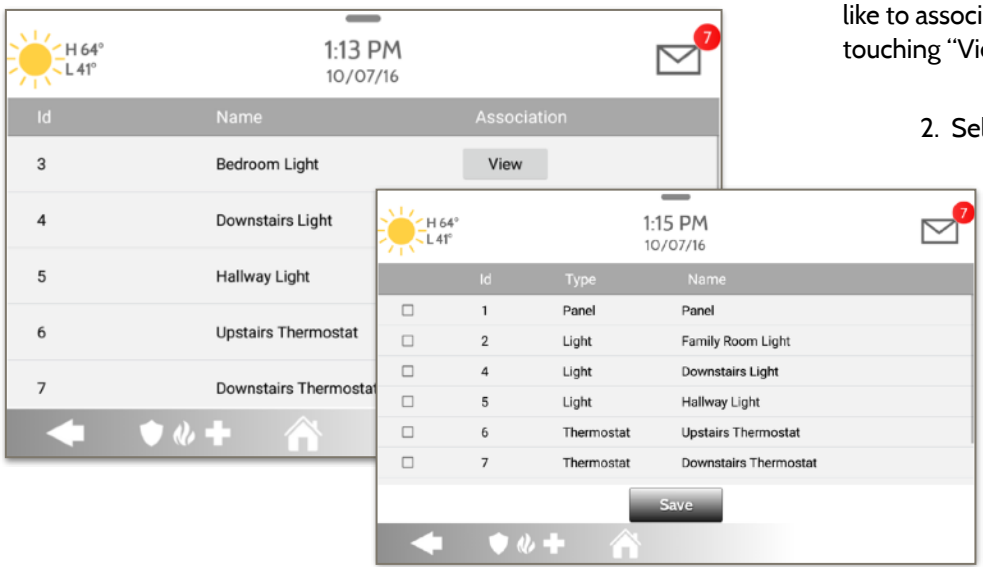


Touching "Remove All Devices" brings a confirmation pop-up asking you to confirm your decision to remove all devices.

If this controller is the primary controller for your network, resetting it will result in the nodes in your network being orphaned and it will be necessary after the reset to exclude and re-include all of the nodes in the network. This procedure will send a "Device Reset Locally" to all Z-Wave devices in the IQ Panel's Lifeline Group (Group 1).

VIEW/EDIT ASSOCIATIONS

Manually change Z-Wave associations for specific devices.



1. Select the Z-Wave device you would like to associate with another by touching "View"

2. Select "Edit"

3. "Check" the boxes next to each device that you would like to associate with. Then select "Save"

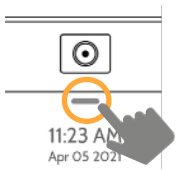
Note: The IQ Panel supports Lifeline in Group 1 to send out Device Reset Locally when it has been associated to another Z-Wave Plus™ device. This is triggered when "REMOVE ALL DEVICES" is used

Z-WAVE SETTINGS

Z-Wave Settings allow an installer to set a maximum number of Automation devices allowed on the IQ Panel in all categories and to control other Z-Wave settings.

Device	Default	Maximum Number Supported
Thermostats	40	Maximum number of supported Thermostats is 40
Lights	80	Max number of supported light modules is 80
Door Locks	20	Maximum number of supported Door Locks is 20
Other Z-Wave Devices	21	Maximum number of misc devices is 21
Garage Doors	6	Maximum number of Garage Doors is 6
Allow Master Code Z-Wave Settings	Disabled	Allow Master User Code to access Z-Wave Settings
Allow Master Code Automation Management	Disabled	Allow Master User Code to access Z-Wave Devices (Add, Edit, Clear, Delete Failed Device, Remove All Devices & View/Edit Associations)

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

Z-WAVE DEVICES

Z-WAVE SETTINGS

*** Additional option available only through the Dealer Code.**

NOTE: This feature has not been evaluated by UL/cUL. This is a supplementary functionality that will not interfere with the minimum mandatory operation of the life safety and burglary protection of the alarm system control unit. UL Note: Additional Z-Wave devices other than what has been indicated as maximum limits have not been evaluated by UL/cUL.

Z-WAVE SETTINGS

Setting	Default	Description
Access to Automation	Enabled	When **enabled** it allows the ability to apply simple automated actions to lights and switches directly from the panel
Z-Wave	Enabled	Activate or deactivate the Z-Wave radio. Please use this procedure only when the controller (panel) is missing or inoperable
Zwave Frequency Region	Varies by Region	Sets automatically based on install region and Z-Wave hardware installed in the panel or manually choose between United States, European Union, Australia/New Zealand, Hong Kong, Malaysia, India, Israel, Russia, China, Japan or Korea.
Advanced Z-Wave Settings	Disabled	When Advanced Z-Wave Settings is **enabled** the following new icons will appear on the Z-Wave Devices page: - **Replace Failed Node:** Allows a node that has failed to be replaced with a new device using the same node ID - **Add/Remove Controller**: This icon acts like an "Add/Remove" button when pairing the IQ Panel into another network

Z-WAVE DEVICES

SMARTSTART

1. Select "SmartStart"

INCLUDE

2. Touch "Include"

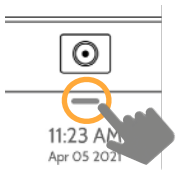
3. Scan the Box or Device's QR code or manually enter the DSK code and select Add DSK.

4. Adjust the device name by touching and making the appropriate selections.

5. Select "Automation" to enable simple light rules.
- **Night**: Turns light on at 7pm and off at 6am
- **Evening**: Turns light on at 7pm and off at 11pm
- **Front Door**: Turns light on for 15mins when Front Door opens (must have a sensor with the default quick name "Front Door" added in the panel).

6. Click "Add" to save the information and complete the process. (Adjustments can be made later from "Edit Device" icon)

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

Z-WAVE DEVICES

SMARTSTART

PROVISIONING LIST

Provisioning List
Devices added via SmartStart will show up in the provision list. This list will show the network status of those devices. Once a devices reaches the "Included" state on the panel, it can no longer be deleted using the trash can method and must follow standard clearing process.

NETWORK STATUS:
Not in network: When a device has been paired but has not yet been plugged in it will show Not in Network. These devices can also be deleted using the trash can.

Started: Once the device has been paired and then plugged in, it will start the inclusion process with the panel and run in the back ground.

Included: When a device has completed the inclusion process it will then show as "included" in the provisioning list and at that point the panel's UI will reflect the included devices.

AUTOMATION

AUTOMATION

Note: Not authorized for EN Grade 2 installations

Automation
Add, Edit, Delete Automation Devices. Used for PowerG Automation, Zigbee and Deako devices. Z

Auto Learn Devices
Add new Automation devices to the Panel. Used for PowerG Automation, Zigbee and Deako lighting.

Edit Device
Make changes to existing devices.

Delete Device
Remove individual automation devices from the Panel.

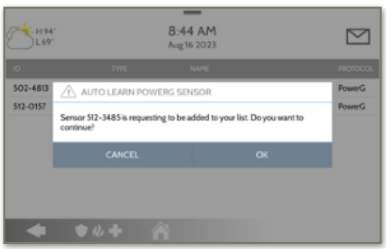
Z-Wave Devices
Add, Edit, Clear and Remove Z-Wave Devices. You can also View/Edit associations as well as access Z-Wave Settings.

Remove All Devices
Removes all PowerG, Zigbee and Deako lighting automation devices from the Panel.

Add PowerG
Pair PowerG Automation devices manually by typing in the Serial number from the device

AUTO LEARN DEVICES

1. Select “Auto Learn Devices” to put the panel into Auto Learn Mode.

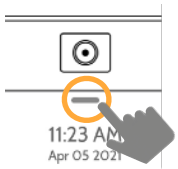


2. Trigger the device by plugging it in, inserting the batteries or pressing the “Pair” or “Learn” button on the device. *(see individual device documentation for instructions).*

3. Adjust the device name and parameters by touching and making the appropriate selections.

4. Click “Pair” to save the information and complete the process. (Adjustments can be made later from “Edit Device” icon)

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

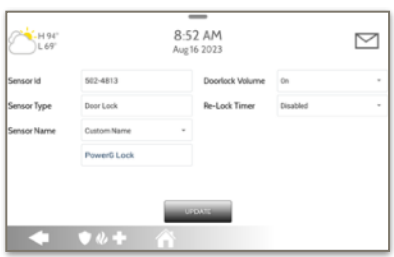
AUTOMATION

AUTO LEARN DEVICES

EDIT DEVICE

1. Select “Edit Device” to change existing device names and parameters.

2. Select the automation device you wish to edit and touch the “pencil” icon.



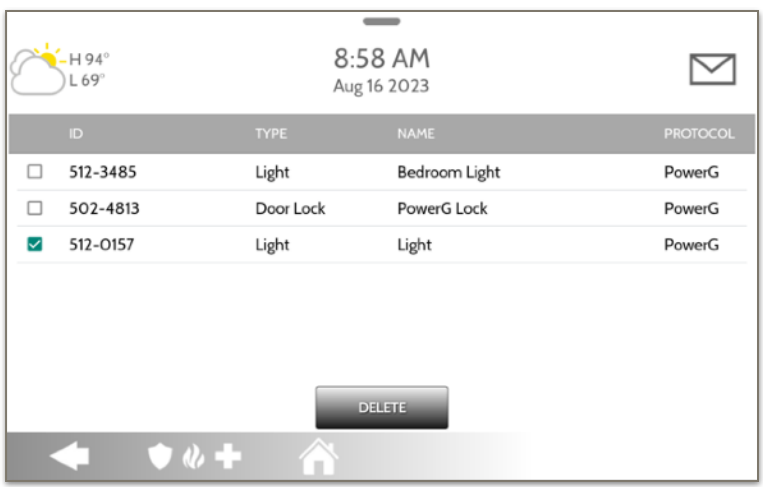
3. Adjust the device name and parameters by touching and making the appropriate selections.

4. Click “Update” to save the information and complete the editing process.

DELETE DEVICE

Deletes an automation device from the panel.

Touch "Delete Device"



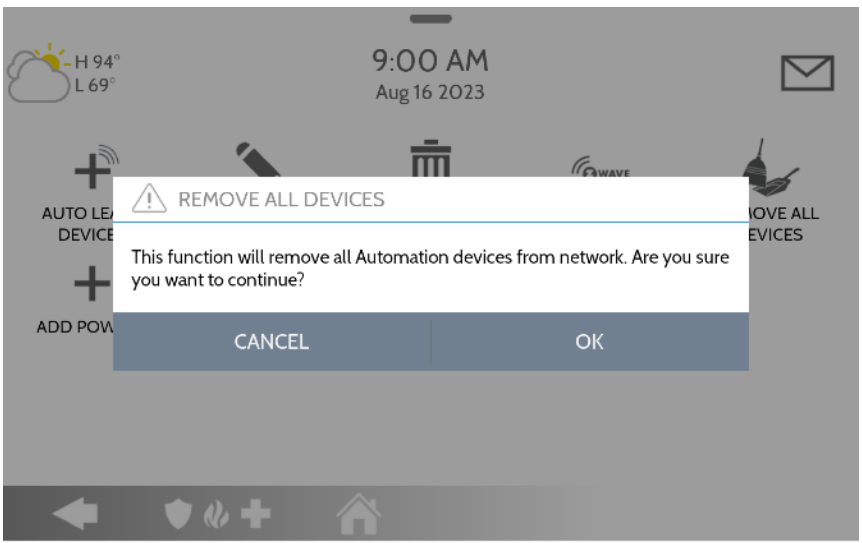
Check the boxes next to the device(s) you want to delete

Delete

Touch "Delete"

REMOVE ALL DEVICES

Deletes all automation devices from the panel at the same time.



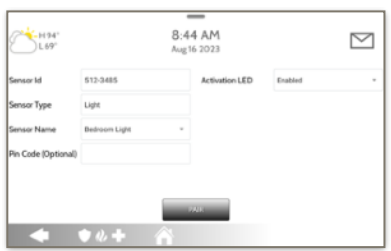
Touching "Remove All Devices" brings a confirmation pop-up asking you to confirm your decision to remove all devices.

Touch "OK" to continue or "Cancel" to go back.

ADD POWERG

1. Select “Add PowerG” to manually add a PowerG automation device by typing in the Serial Number.

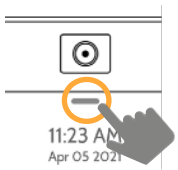
2. Type in the 7 digit serial number into the Sensor ID field.



3. Adjust the device name and parameters by touching and making the appropriate selections.

4. Click “Pair” to save the information and complete the process. (Adjustments can be made later from “Edit Device” icon)

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

AUTOMATION

ADD POWERG

BLUETOOTH DEVICES

BLUETOOTH DEVICES

Bluetooth Devices
Add, Edit, Delete and Configure a Bluetooth Device. Bluetooth disarm supported via a mobile device.

Add Phone
Pair up to 5 mobile Bluetooth devices.

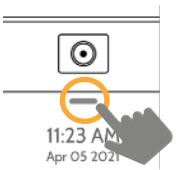
Edit Device
Make changes to existing Bluetooth devices.

Delete Device
Delete a paired Bluetooth device

Remove All Devices
Removes all paired Bluetooth devices at once.

Settings
Toggle Bluetooth on/off, adjust Bluetooth disarm settings and change Bluetooth disarm timeout (1,5,10,20 & 30mins).

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

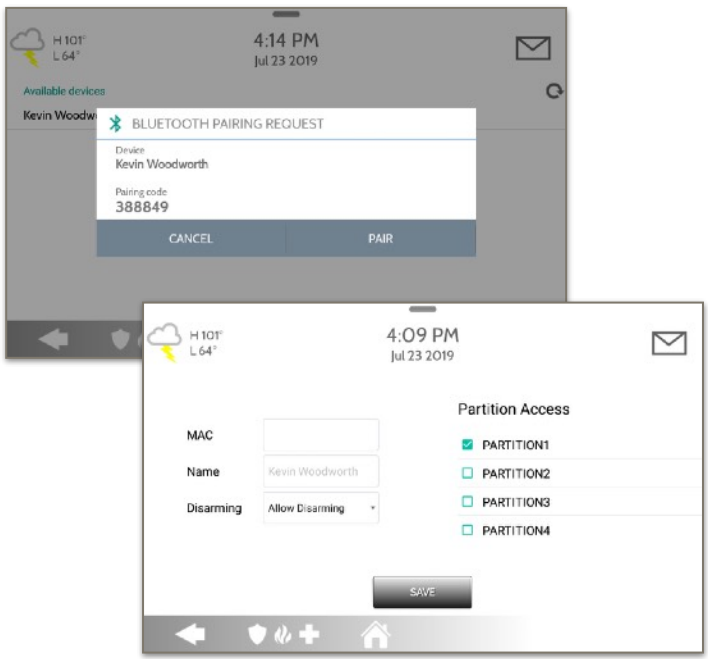
ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

BLUETOOTH DEVICES

ADD PHONE



1. Select "Add Phone"

2. Open the Bluetooth page on your mobile device. The panel will search for all available and in range Bluetooth devices.

3. Select the correct device from the list on the panel and ensure the pairing code matches that on your mobile device.

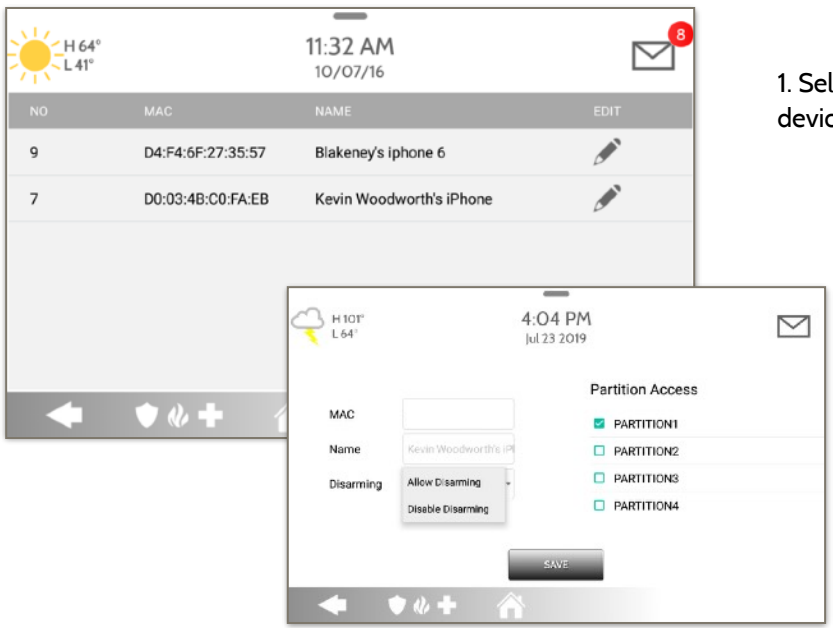
4. Touch "Pair" on the panel first, and then on your mobile device.

5. Choose whether to allow disarming or not, and select the Partition to be disarmed (if Partitions are enabled).

6. Your mobile device will now show under the "Paired Devices" list on the panel.

NOTE: Your phone may show the IQ Panel as "Not Connected". This is normal

EDIT DEVICE



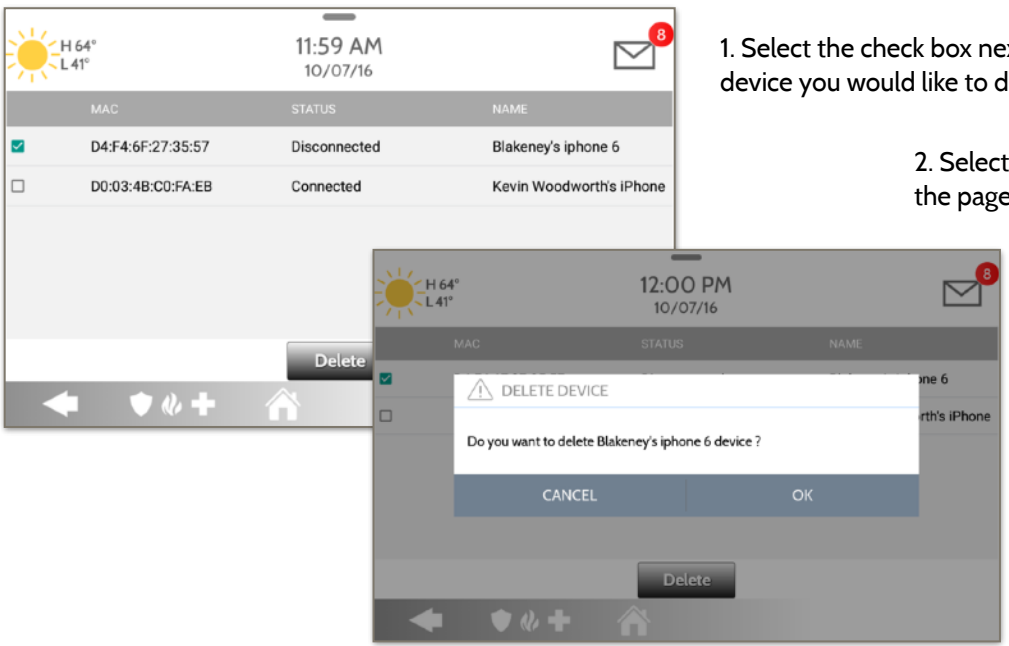
1. Select the pencil next to the device you would like to edit.

2. Select whether or not you would like to allow a device to disarm the panel when in proximity.

3. Select which Partition you would like the device to disarm.

Note: This option is only available when "Partitions" are enabled. A device can only be assigned to one Partition at a time.

DELETE DEVICE

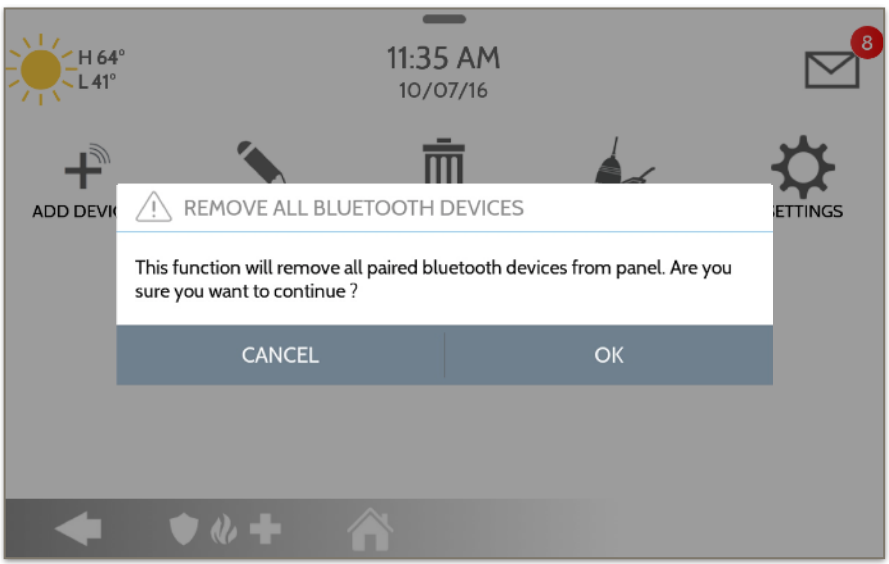


1. Select the check box next to the device you would like to delete.

2. Select "Delete" at the bottom of the page.

3. Select "OK" to confirm and delete the device.

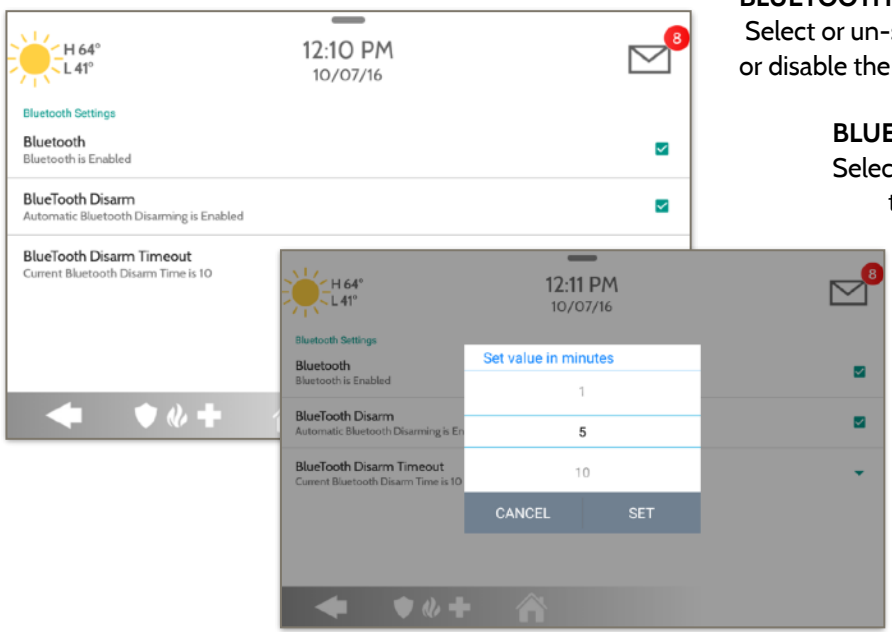
REMOVE ALL DEVICES



To delete and remove all enrolled Bluetooth devices at once, select "Remove All Devices".

Next select "OK" to confirm you would like to delete.

SETTINGS



BLUETOOTH:
Select or un-select this box to enable or disable the Bluetooth radio.

BLUETOOTH DISARM:
Select or un-select this box to enable or disable the ability to disarm the panel via Bluetooth. To change this on an individual level you must edit the specific device.

BLUETOOTH DISARM TIMEOUT:
Change the time in which the panel must wait after it's been armed to away before it allows a Bluetooth device to disarm it. **Default 10 min**

Select from 1, 5, 10, 20 or 30 minute disarm timeout

SYSTEM TESTS

SYSTEM TESTS

System Tests
There are many different tests you can perform to ensure the system is working properly.

Wi-Fi Test
Test the panel's connection to the wireless (Wi-Fi) network

Sensor Test
Shows actual dBm signal strength of each sensor and graphs sensor events against the ambient noise floor of the environment

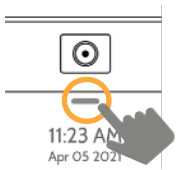
Cellular Test
Test the panel's connection to the cellular network and Alarm.com

Z-Wave Tests
Test communication between devices and the panel. Rediscover network, counters, neighbor info, diagnostics & advanced diagnostics

PowerG Test
Ping and receive simple signal strength from a PowerG sensor.

PowerG Signal Strength
Graphs and shows dBm signal strength for PowerG sensors.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

SYSTEM TESTS

Zigbee Test
See the last signal strength, average signal strength and battery voltage on Zigbee sensors. Requires a Zigbee daughter card be installed in order for this icon to appear

Panel Glass Break Test
Test the panel's microphones to ensure proper sensitivity for built in Glass Break

Dual Path Test
Verifies the Wi-Fi path is connecting to Alarm.com

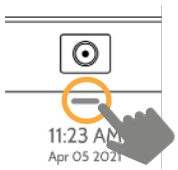
Daughter Cards Test
Tests the integrity of the installed daughter cards

Panel Test
Runs through a complete test of the panel's running processes

Ambient Noise Test
Run a test to better understand if the Ambient Noise Detector is likely to trip.

Input Voltage Test
Measure the voltage received at the Panel in real-time

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

WI-FI TEST

Wi-Fi Test

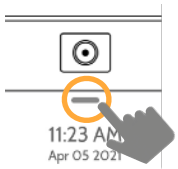
The Wi-Fi test checks the IQ Panel's connection to your network (router). Before running this test, be sure to connect the panel to the network. See "customization" section for directions on connecting to Wi-Fi.

A successful test will result in a "pass" and indicates the date and time of the test along with connection speed.

To perform a Wi-Fi Test, touch the "Run" button.

NOTE: If test fails, please check your Wi-Fi settings.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

WI-FI TEST

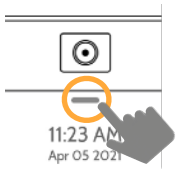
SENSOR TEST

Sensor Test
Shows actual dBm signal strength of each sensor and graphs sensor events against the ambient noise floor of the environment. Also displays the traditional packet count method.

The Advanced Sensor Test shows a summary page of each sensor paired to the panel along with the average dBm level , the last event's dBm level and how many packets were received from the sensor.

Select the graph icon to the right of each sensor to view an individual sensor's graphed signal strength in real time.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

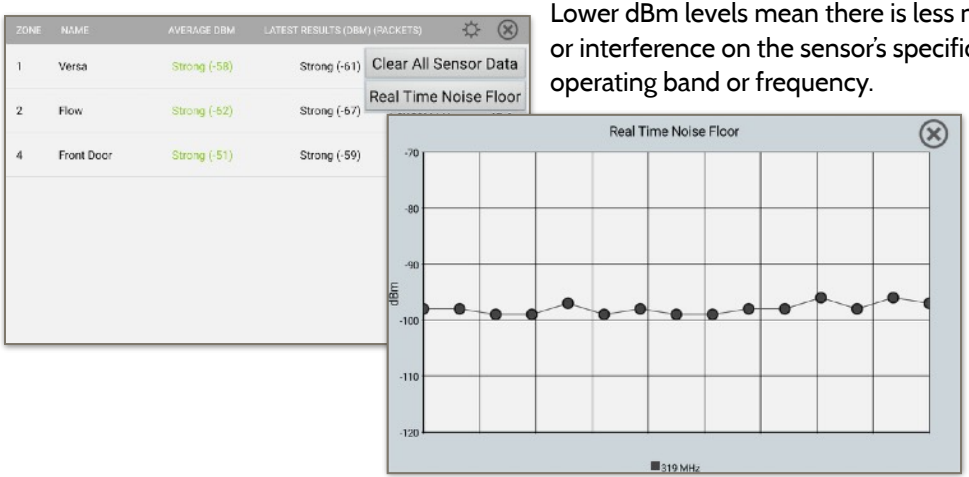
SENSOR TEST

NOTE: For UL/cUL , perform a placement test first for all wireless initiating devices. The acceptable result shall be "Good".

SENSOR TEST

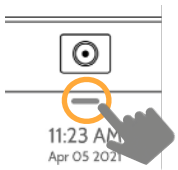
Noise Floor

From the Sensor Test page select the "Settings" cog to view the "Real Time Noise Floor". The noise floor represents the dBm threshold at which the panel can no longer sense signals from sensors.



Lower dBm levels mean there is less noise or interference on the sensor's specific operating band or frequency.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

SENSOR TEST

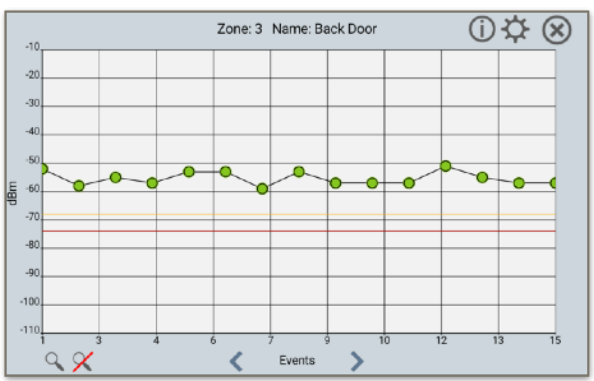
NOTE: Manufacturer recommended signal to noise ratio is min 7dB

SENSOR TEST

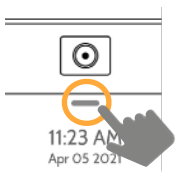
- Colored points on the graph represent each state change or supervisory signal transmitted from a sensor to the panel. Points are colored based on frequency.
- The **YELLOW** line represents a dBm level where signal strength is "Poor" and potential RF failures could occur. This line dynamically adjusts to 12 dBm above the ambient RF noise floor in the environment.
- The **RED** line represents a dBm level where signal strength is "Critical" and RF failures are likely. This line dynamically adjusts to 6 dBm above the ambient RF noise floor in the environment.

TROUBLESHOOTING:
If a sensor falls below the yellow line, try changing it's orientation (vertical/horizontal), move the sensor to a different part of the door/window or adjust the panel location.

Then re-test to see the if the result improved.



FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

SENSOR TEST

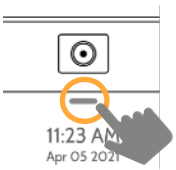
NOTE: Manufacturer recommended signal to noise ratio is min 10dB

CELLULAR TEST

Cellular Test
Test the panel's built-in cellular radio connection. You must first activate the radio through Alarm.com prior to running this test. Cell signal strength is only available after the test has been ran successfully.

To begin the test press "Start" and watch for the results on the screen.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

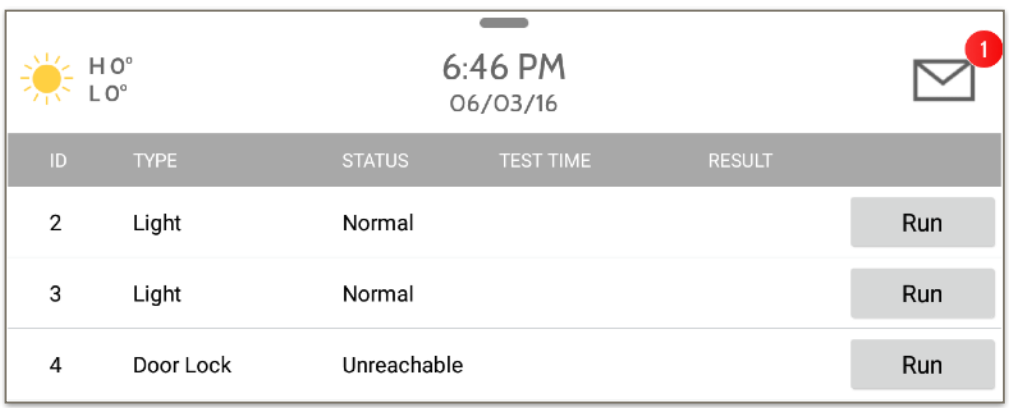
SYSTEM TESTS

CELLULAR TEST

Z-WAVE TESTS

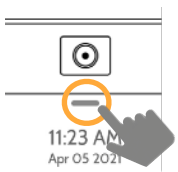
Z-Wave Test
Test the connection between the panel and enrolled Z-Wave devices to ensure they are communicating properly.

To perform a Z-Wave Test, touch the "Run" button. A successful test will result in a "Pass" and a time stamp.



NOTE: If a test fails, relocate device, change batteries and/or rediscover network.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

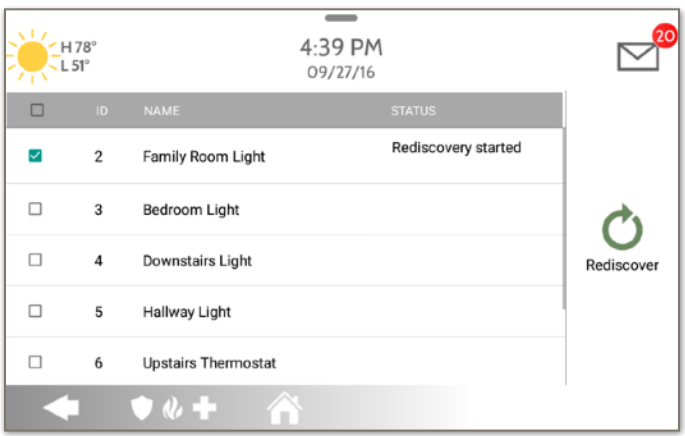
Z-WAVE TESTS

Z-WAVE TEST

Z-WAVE TESTS

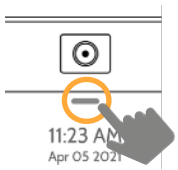
Rediscover Network
After installing or moving a Z-Wave device one should always "Rediscover the Network". This re-maps the network and ensures all devices have the most efficient communication path leading back to the panel.

Select a single device or all and then select "Rediscover". A result including a time stamp will appear under "Status".



NOTE: If a test fails, relocate device, change batteries and/or rediscover network.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

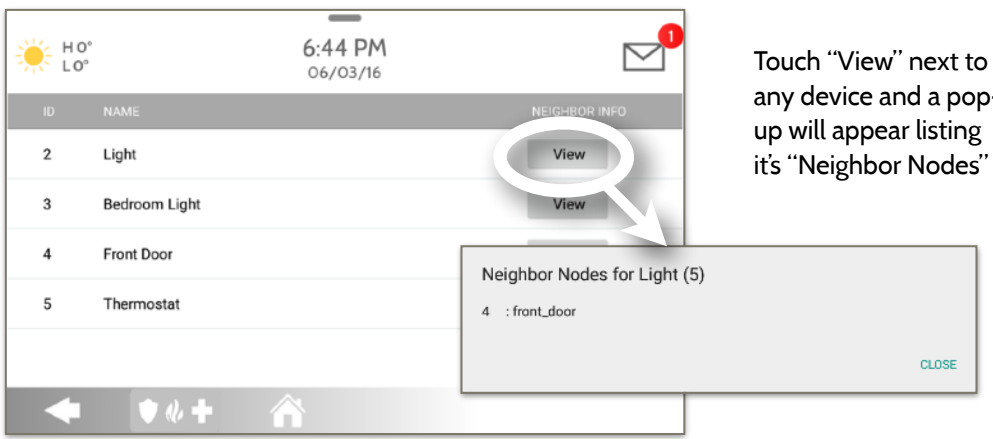
Z-WAVE TESTS

REDISCOVER NETWORK

Z-WAVE TESTS

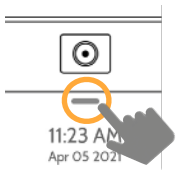
Neighbor Info

Use "Neighbor Info" to view which devices can "see" each other. The more neighbors a device can see means more possible routes back to the controller.



Touch "View" next to any device and a pop-up will appear listing it's "Neighbor Nodes"

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

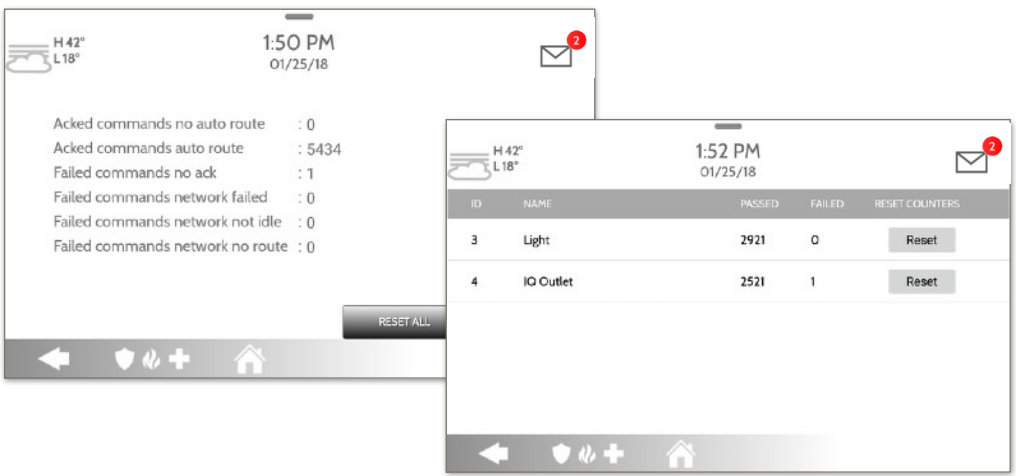
Z-WAVE TESTS

NEIGHBOR INFO

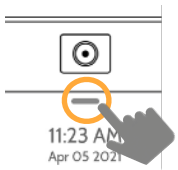
Z-WAVE TESTS

Counters

View a numerical representation of the Z-Wave network. View failed and acknowledged commands as a whole or from an individual device. A well designed network should have at least a 98% acknowledgment vs failed rate.



FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

Z-WAVE TESTS

COUNTERS

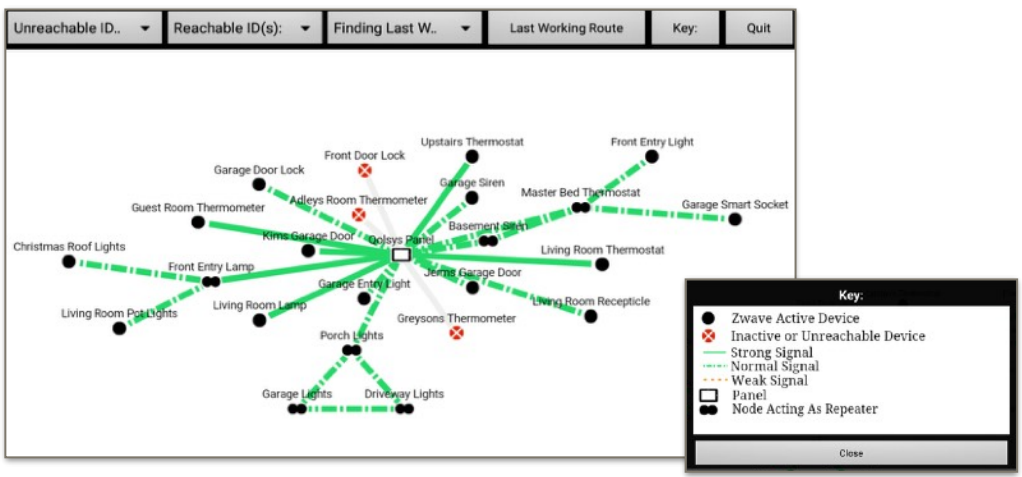
Z-WAVE TESTS

COUNTER	DESCRIPTION
Acked commands no auto route	Command was successful and acknowledged by the sensor; it did not use the normal automatic Z-Wave network route to execute the command for this device (command was re-routed on the Z-Wave network in order to succeed)
Acked commands auto route	Command was successful and acknowledged by the sensor; it used the normal automatic Z-Wave network route to execute the command for this device.
Failed commands network failed	Not possible to transmit data because Z-Wave network is busy (jammed). Command failed to execute.
Network failed	Not possible to transmit data because Z-Wave network is busy (jammed). Command failed to execute
Network not idle	Auto-routed command failed because Z-Wave network is not yet stable. Command failed to execute.
Network no route	Auto-routed command failed because there is no successful Z-Wave network route to the device. Command failed to execute
Reset All	Resets all counters back to 0 as to better diagnose the network
Details	Shows individual device details such as passed and failed commands. Here you can also reset an individual device's counter

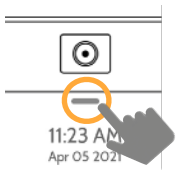
Z-WAVE TESTS

Z-Wave Diagnostics

View a graphical representation of the installed Z-Wave network. View the network's or an individual device's last known working route. Use the Key chart to decipher which devices are repeating nodes, have a strong or weaker signal or perhaps need to be moved to another location.



FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

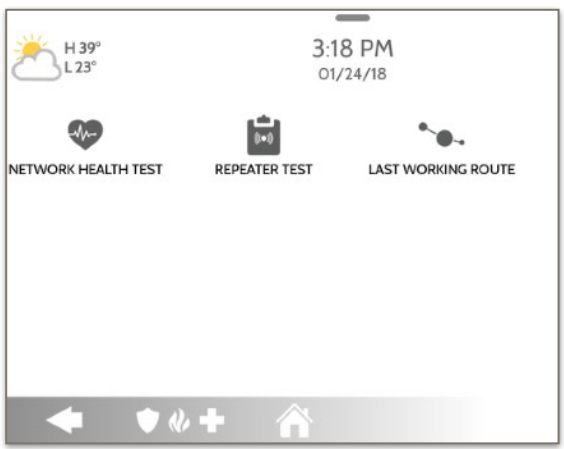
SYSTEM TESTS

Z-WAVE TESTS

Z-WAVE DIAGNOSTICS

Z-WAVE TESTS

Advanced Z-Wave Diagnostics
Advanced Z-Wave diagnostics gives access to Network Health Test, Repeater Test & Last Working Route.

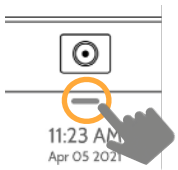


Network Health Test
Shows the minimum, maximum & average node response times on the network

Repeater Test
Tests the connection to dedicated Z-Wave repeaters on the network

Last Working Route
Shows the last working route for a specific node on the network. Also allows you to set a static "sticky" route

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

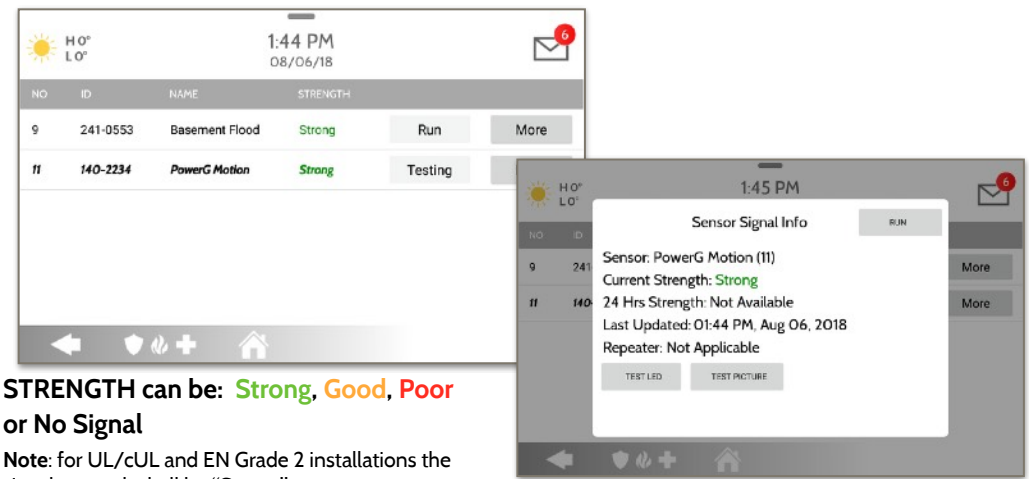
SYSTEM TESTS

Z-WAVE TESTS

ADVANCED Z-WAVE DIAGNOSTICS

POWER G TEST

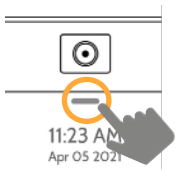
PowerG Test
Ping a PowerG sensor and receive back it's signal strength. You can view the average signal strength over 24hrs as well as review the PowerG PIR CAM image.



STRENGTH can be: Strong, Good, Poor or No Signal

Note: for UL/cUL and EN Grade 2 installations the signal strength shall be "Strong"

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

POWERG TEST

*PowerG daughter card must be installed in the panel to access this test.

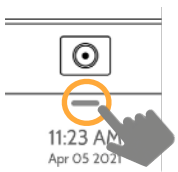
POWER G SIGNAL STRENGTH

PowerG Signal Strength
This version of the PowerG test allows the Panel to show the actual dBm signal strength from a PowerG sensor vs the traditional Strong, Good, Poor measurement. It also tracks the signal strength over time and graphs it against the ambient noise floor.

Strong, Good, Poor or No Signal

Note: for UL/cUL and EN Grade 2 installations the signal strength shall be "Strong"

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

POWERG TEST

*PowerG daughter card must be installed in the panel to access this test.

ZIGBEE TEST

Zigbee Test
See the last signal strength, average signal strength and battery voltage on Zigbee sensors.

STRENGTH can be:

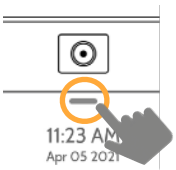
-Strong

-Good

-Poor

-No Signal

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

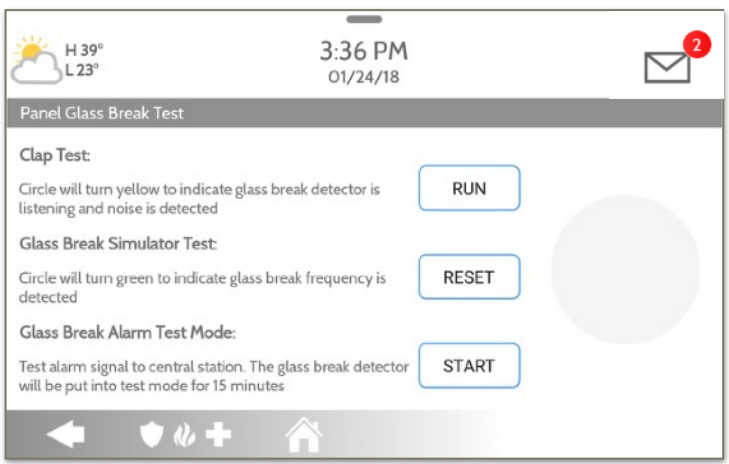
SYSTEM TESTS

ZIGBEE TEST

* Requires a Zigbee daughter card be installed in order for this icon to appear. For UL/ULC residential fire and burglary applications the signal strength shall be Strong.

PANEL GLASS BREAK TEST

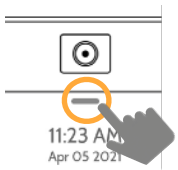
Panel Glass Break Test
Test the panel's microphones via a clap test or glass break test. This will ensure the built in detector and microphones are functioning properly when needed. Panel Glass Break must be enabled under Installer Settings to access this test.



Testing
Select "Run" to begin test. Circle will turn **YELLOW** when a successful clap test has been detected and Microphones are listening.

Circle will turn **GREEN** when the panel hears the proper glass break frequency being detected.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

PANEL GLASS BREAK TEST

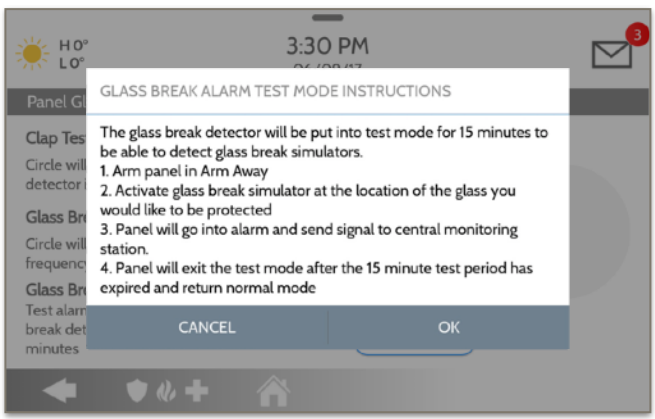
PANEL GLASS BREAK TEST

Glass Break Alarm Test Mode
Selecting "Start" will enable a 15 min test mode that allows the panel glass break detector to be tripped using a glass break simulator. Once tripped an alarm will be sent to the central station. Follow the on screen instructions to ensure a proper test.

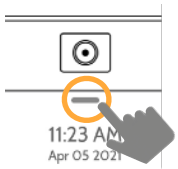
RUN

RESET

START



FIND IT



Swipe down for access

SETTINGS

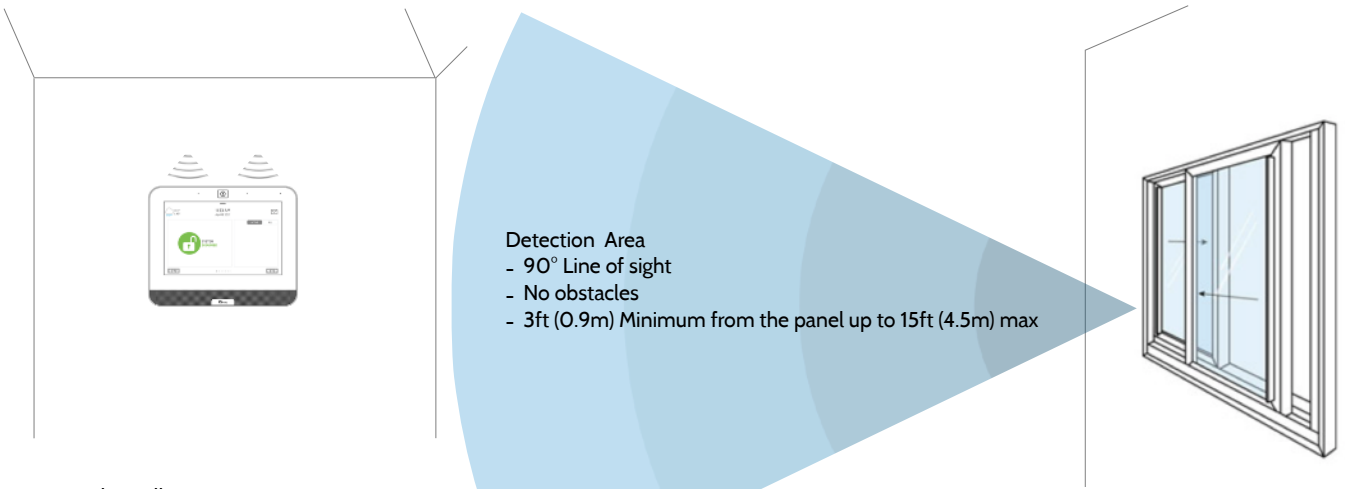
ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

PANEL GLASS BREAK TEST

PANEL GLASS BREAK DETECTION REQUIREMENTS



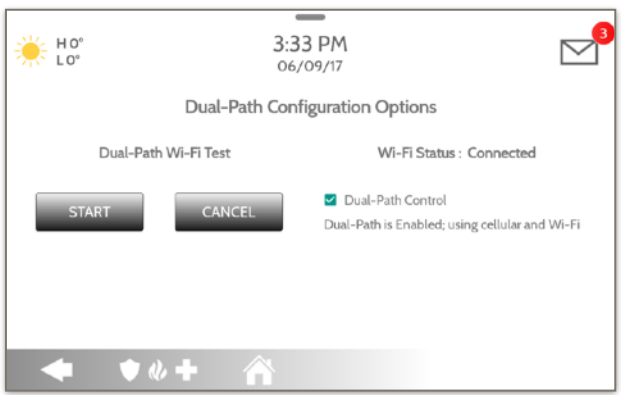
Panel Installation Requirements:
- Wall mounted
- Power supply connected
- Panel Glass Break detection enabled
- Armed "Away" or "Stay" depending on programming

Detection Area
- 90° Line of sight
- No obstacles
- 3ft (0.9m) Minimum from the panel up to 15ft (4.5m) max

Glass Requirements
- Tempered Glass - 1/8" to 1/4" (3.2mm to 6.4mm)
- Plated Glass - 1/8" to 1/4" (3.2mm to 6.4mm)
- Insulated Glass - 1/8" to 1/4" (3.2mm to 6.4mm)
- Window must be framed
- Minimum Dimensions 12" by 12" (30.5mm by 30.5mm)

DUAL PATH TEST

When enabled, dual path connectivity allows the IQ Panel to use both cellular and Wi-Fi radios for signals and communication simultaneously.



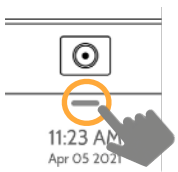
By default Dual-Path Control is enabled. To disable, "un-check" the box.

You can also run a Dual-Path Wi-Fi test to ensure that the Dual Path is connecting properly. Unlike the standard Wi-Fi test (which checks connection to the router) the panel will check the broadband connection to Alarm.com.

NOTE: The IQ Panel must be connected to a Wi-Fi network to enable Dual Path

NOTE: IQ Panel is compatible with the following UL/ULC listed monitoring station receivers: SG-System I/II/III/IV/5. Wi-Fi is for supplemental use only for UL/cUL

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

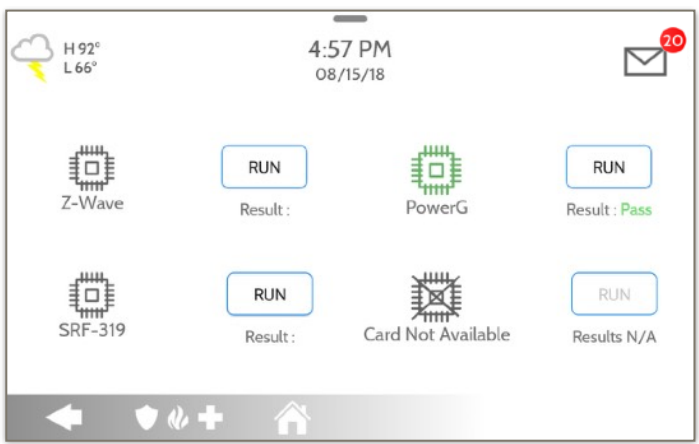
ENTER CODE (1111, 2222)

SYSTEM TESTS

DUAL PATH TEST

DAUGHTER CARDS TEST

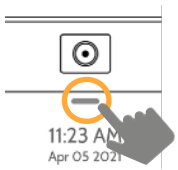
Daughter Cards Test
Tests the integrity of installed daughter cards . Slots not populated will be "greyed" out and inaccessible to test.



Select "Run" on an individual available card to start the test. In some cases the test may take several minutes after which the panel will show a result of a "Pass" or "Fail".

If the test results in "Fail" double check the daughter card connection, reboot the panel and rerun the test again.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

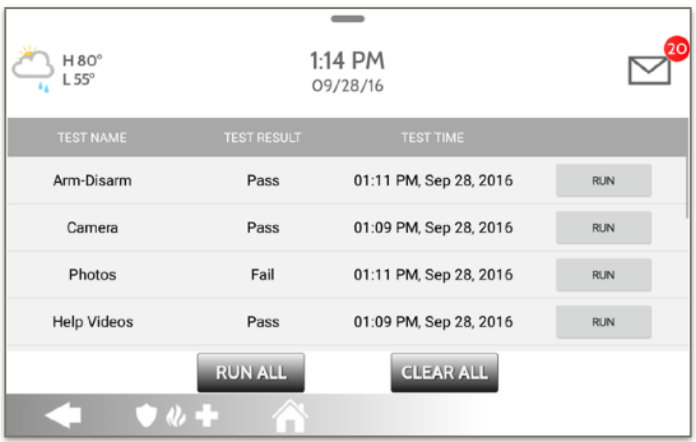
ENTER CODE (1111, 2222)

SYSTEM TESTS

DAUGHTER CARDS TEST

PANEL TEST

Panel Test
Runs through and tests all panel processes either all at once or one at a time.

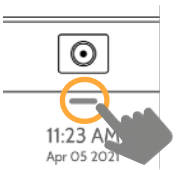


Select "Run" to perform an individual test or "Run All" to perform a test of all processes.

Running all tests at once will sound the siren.

Note: The Siren can be tested alone under the Panel Test menu, scroll down and select RUN

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

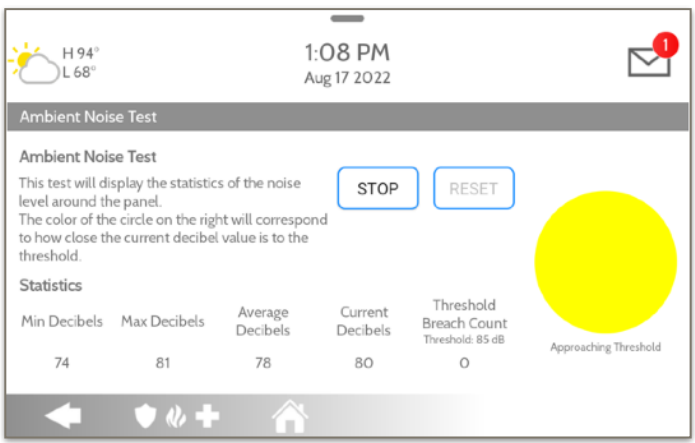
ENTER CODE (1111, 2222)

SYSTEM TESTS

PANEL TEST

AMBIENT NOISE TEST

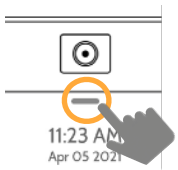
Ambient Noise Test
Run a test to better understand the noise in the environment and whether or not the Panel Ambient Noise Detector is likely to trip in a given situation.



Select "Start" to perform a test of the Panel Ambient Noise Detector. You can Stop, Resume or Reset the test at anytime.

Note: This test can only be accessed if the Panel Ambient Noise Detector Setting is Enabled.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

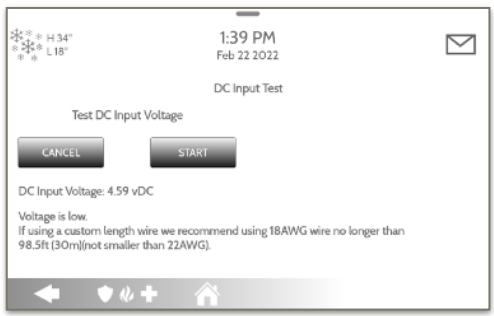
AMBIENT NOISE TEST

INPUT VOLTAGE TEST

Input Voltage Test
Measure the voltage received at the Panel in real-time.

Press "Start" to run a real-time voltage test on the Panel. If voltage received is above 6vDC, you will get a "Voltage is Good" message.

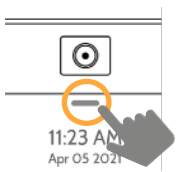
Note: Test results may vary each time you run the test based on current draw of the panel at that time.



If voltage is below 6vDC, you will receive a "Voltage is Low" message and action should be taken to correct the low voltage condition (i.e. use thicker gauge wire or shorten the wire run).

Note: Wire run length and gauge should not exceed UL specification.

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

SYSTEM TESTS

INPUT VOLTAGE TEST

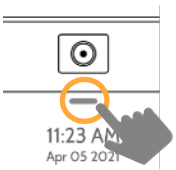
CUSTOMIZATION

USER MANAGEMENT

The IQ Panel can hold up to 242 user codes. Only Dealer, Installer and Master user codes can create or edit user codes. Once a code is created, all information can be edited, except for the "User Type".

User Type	Access Level	Partition Access
Dealer	All settings as well as Master Reset and access to change Dealer Contact information	All Partitions
Installer	All Settings	All Partitions
Master	All user-related features and Settings, including connecting to Wi-Fi, User Management, Sound App and Sensor customization	All Partitions
User	Arming/Disarming	A user may only access their assigned partition
Guest	Arming/Disarming	A user may only access their assigned partition
Duress	Disarming (but sends duress signal to security provider).	Each partition gets a unique Duress Code

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

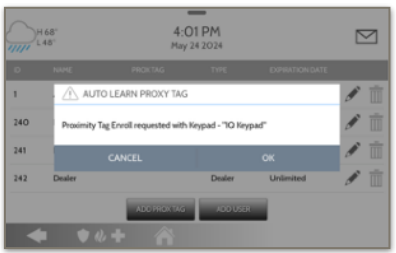
ENTER CODE (1111, 2222)

USER MANAGEMENT

NOTE: When "6 Digit User Code" is ENABLED a "00" will be appended to all existing 4 digit codes

USER MANAGEMENT - PROX TAGS

The IQ Panel can support Proximity Tags when used in conjunction with a secondary Keypad that has a built-in Prox reader. Prox tags are tied to User Codes and allow for easy disarming of a system.



1. To add a Prox Tag to the system, touch "Add Prox Tag" from the User Code menu.

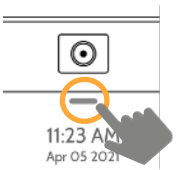
   The system will begin scanning for devices.

2. Swipe the prox tag across the reader on the secondary keypad.

   Once found, touch "OK"

3. Assign the prox tag to an existing User Code (or create a new one) and touch "Add".

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

USER MANAGEMENT

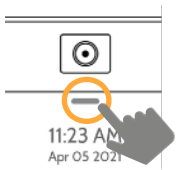
DEALER BRANDING*

Dealer Branding
Here you can customize the Dealer Contact info.

Contact Info
Edit Dealer Name, Email, Phone #, Zip Code, Website and Tag lines

On-Screen Branding
Load a Custom Logo, Dealer Billboard images or add/ replace Help Videos via the Panel Access Point

FIND IT



Swipe down for access

SETTINGS

ADVANCED SETTINGS

ENTER CODE (2222)

DEALER BRANDING

*This page available only through the Dealer Code