



# SECURITY & SMARTHOME

We hope you enjoy your new IQ Panel security and smarthome platform. It will serve as the “brain” of your home for many years to come. With it you can control your lights, locks, thermostat, security and much more.

You won't need a manual to operate your IQ Panel, but you can use this guide to learn more about the features of this amazing new device. We hope it will add to your home's decor and make your home smarter and more energy efficient!

Document: IQP2-07-16  
Revised on: 9/19/16  
Software Version: 2.0  
Qolsys Part #: TBD

-The Qolsys team

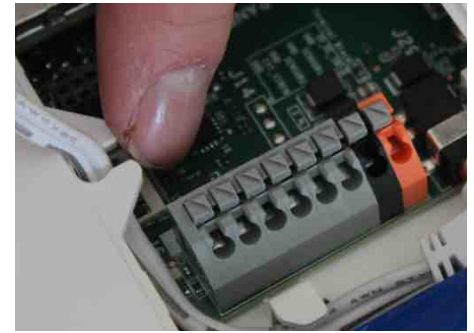
**Let's start by connecting your power.** (note: if your panel has been professionally installed, skip this page)



Plug in the power connector



Route the wire behind the retainer clip



Insert the wire into the strain-relief

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**Now let's put on your cover and attach the table stand.**



Place the top of the cover onto the panel's back plate



Push the cover down until it snaps in place



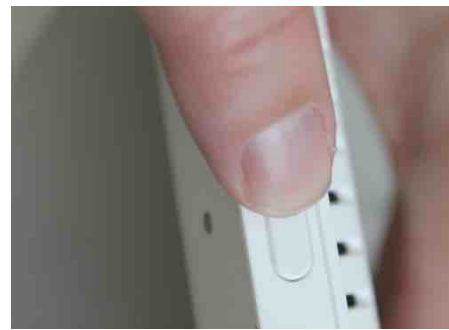
Insert the table stand into the mounting holes and push upward until it snaps into place

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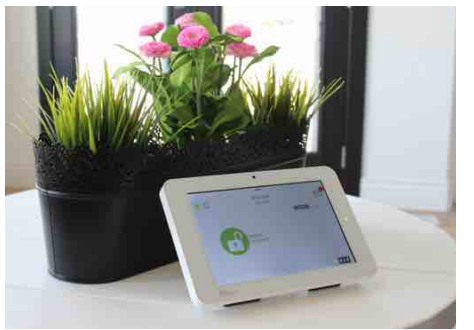
**Plug in your panel, power it on**



Plug in the power supply provided with your panel



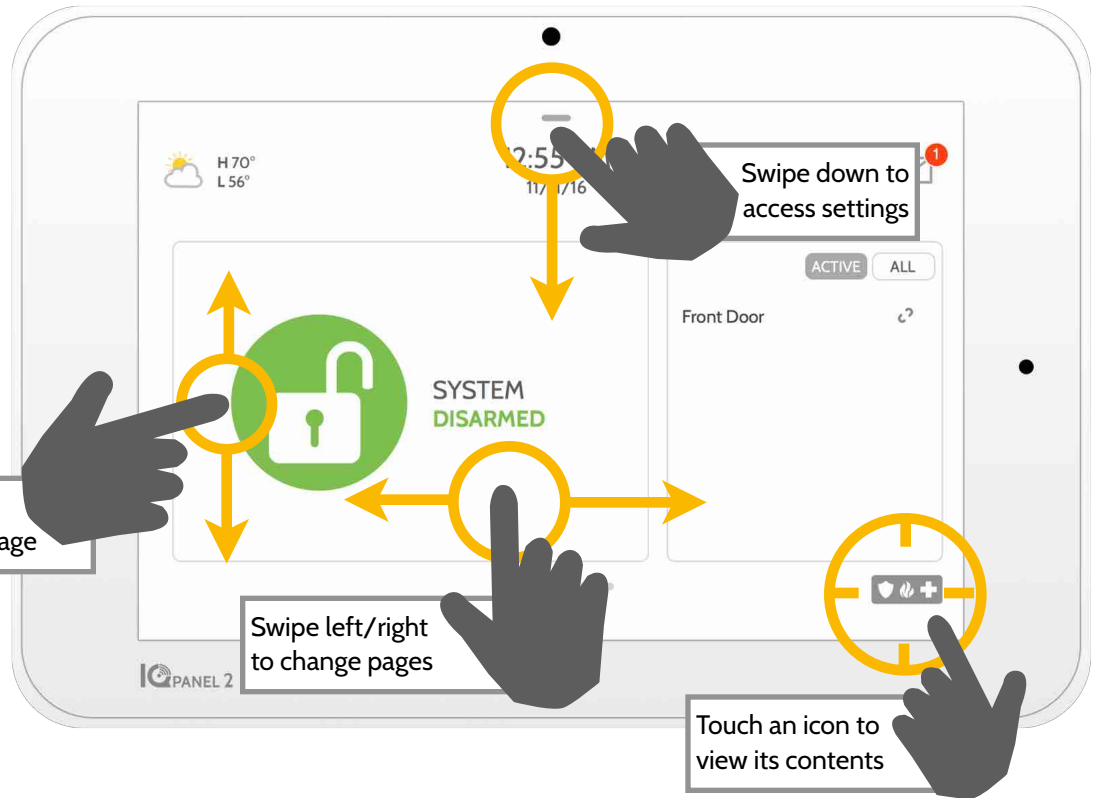
Push and hold the standby button on the side of the panel for 3 seconds



Once the panel powers up, the home screen will appear.

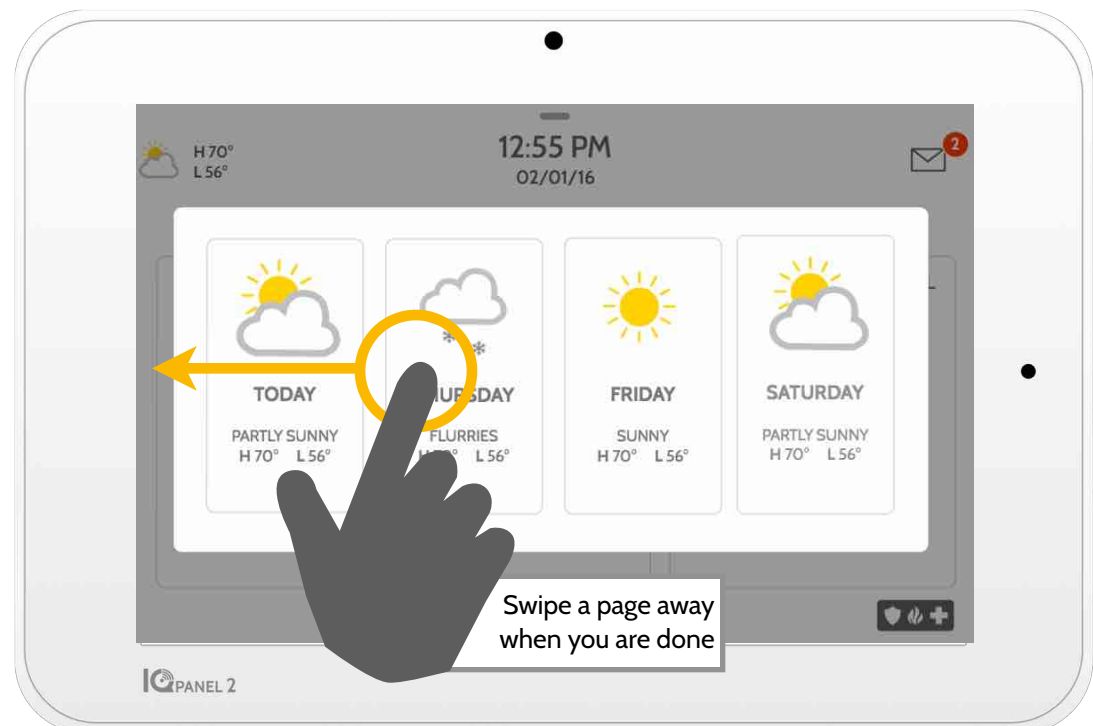
## Navigation

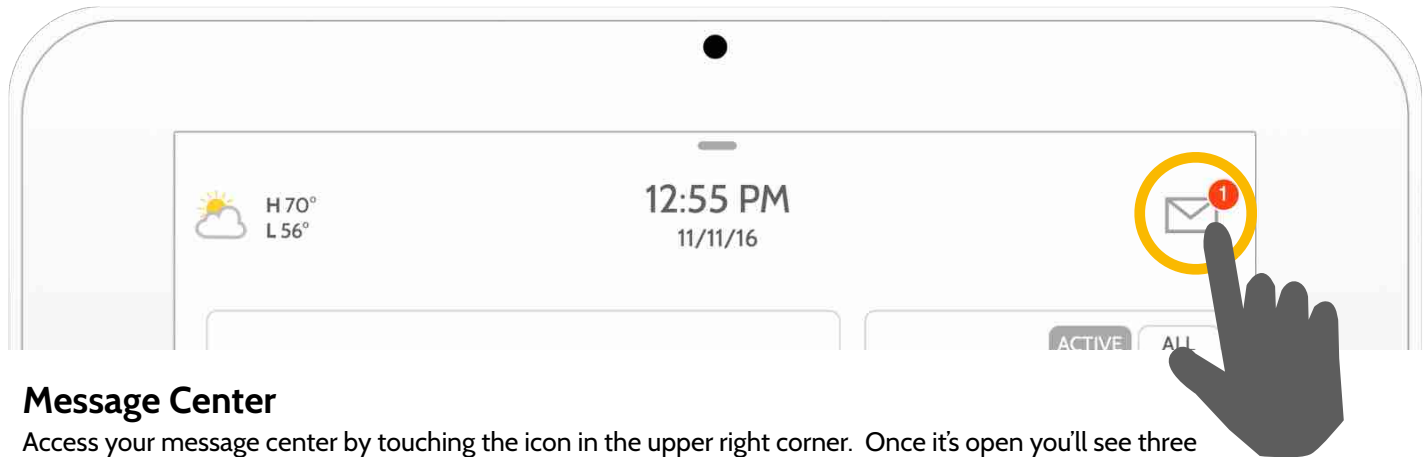
Move from page to page and access information on each page using finger touches, swipes, and scrolling.



## Dismiss

To dismiss a pop up when you are done, swipe left or right to dismiss.





## Message Center

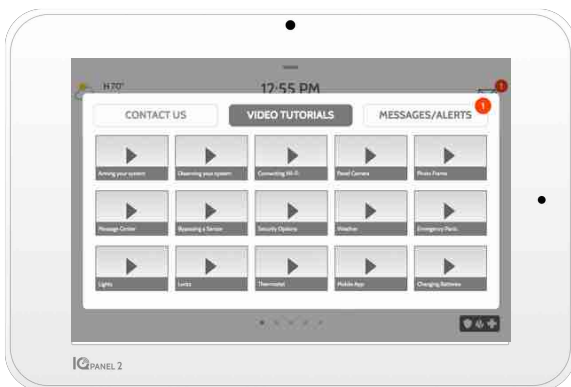
Access your message center by touching the icon in the upper right corner. Once it's open you'll see three sections: Contact, Video Tutorials, and Messages/Alerts/Alarms

*(Note: This icon may appear different than shown, depending on your provider's settings)*



## Contact

Easy access to your provider's contact information, including phone number, email, and website.

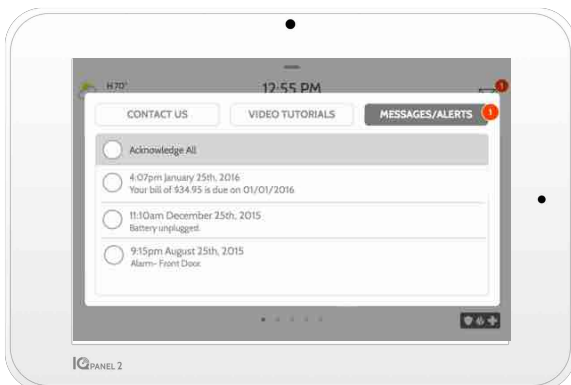


## Video Tutorials

Watch videos to help you understand your system and service better.

To watch a video, touch a thumbnail. Video will begin playing automatically.

Video controls appear on screen. To exit, touch the "back" button.

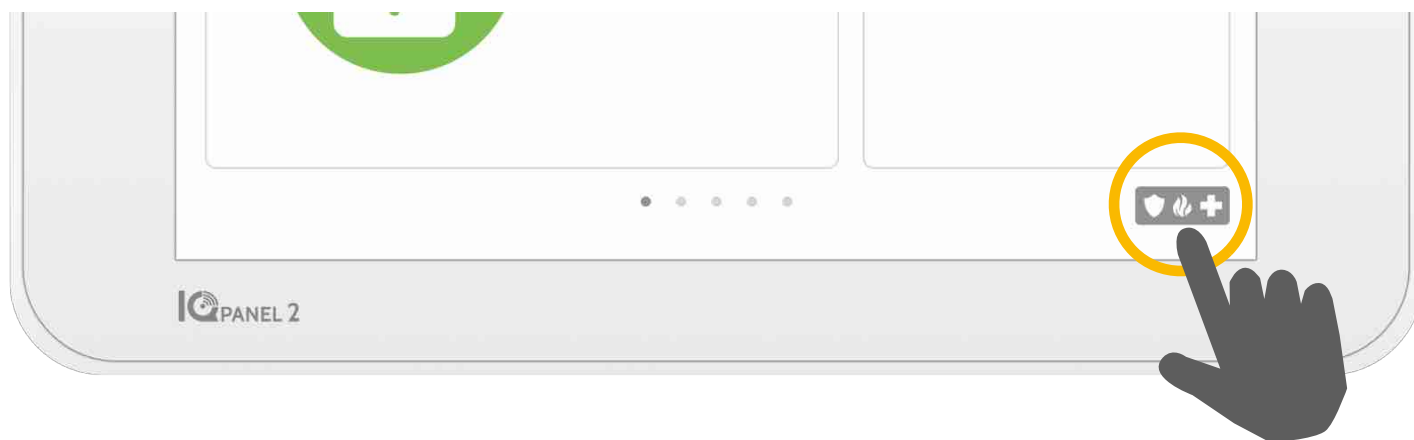


## Messages/Alerts/Alarms

Get messages from your system like low battery alerts, alarms, and power failures. Messages from your provider will also appear here.

To dismiss, touch the circle to the left of the message and touch "OK" to remove it from your message center.

You can also remove all messages at once by touching "Acknowledge All"



## Emergency Panic

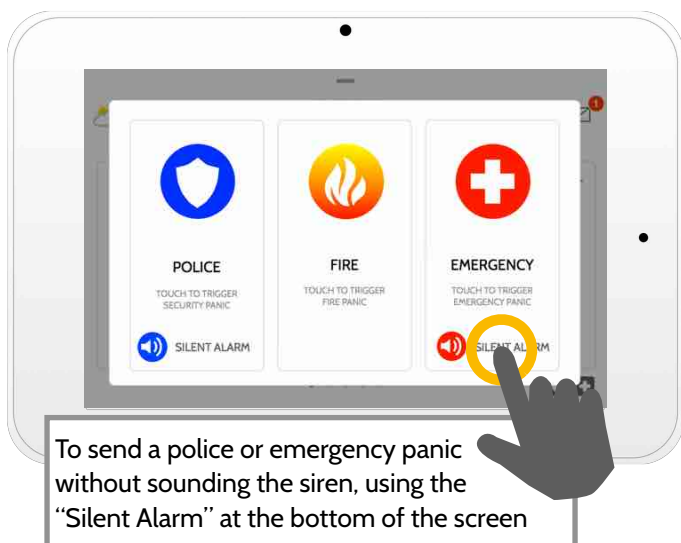
If you have a police, fire, or medical emergency and your system is not armed or a sensor has not been triggered, you can send a manual emergency panic by touching the icon in the bottom right corner and selecting the type of emergency you are experiencing. *(Note: based on your location, not all options may appear or be available to you.)*

There's a stranger in my backyard!



## Two-Way Voice

If your provider offers Two-Way Voice service you'll be able to speak to the monitoring agent from the speakers and microphone built right into your panel.



## Alarm Types



**Police:** When touched it triggers the "Police" siren pattern and sends a police emergency signal to your provider's monitoring station.



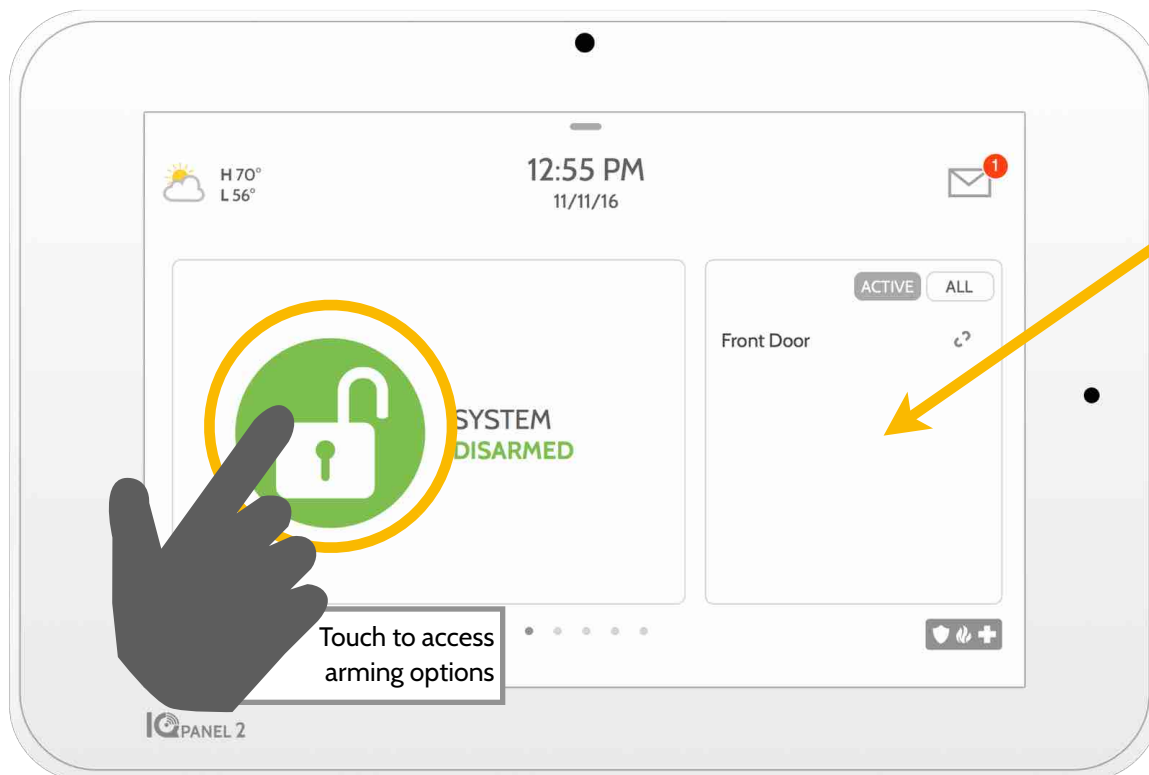
**Fire:** When touched it triggers the "Fire" siren pattern and sends a fire emergency signal to your provider's monitoring station.



**Emergency:** When touched it triggers the "Emergency" siren pattern and sends an emergency signal to your provider's monitoring station.



**Canceling an Emergency Panic**  
To cancel an emergency panic, touch the "cancel" button and enter a valid user code.

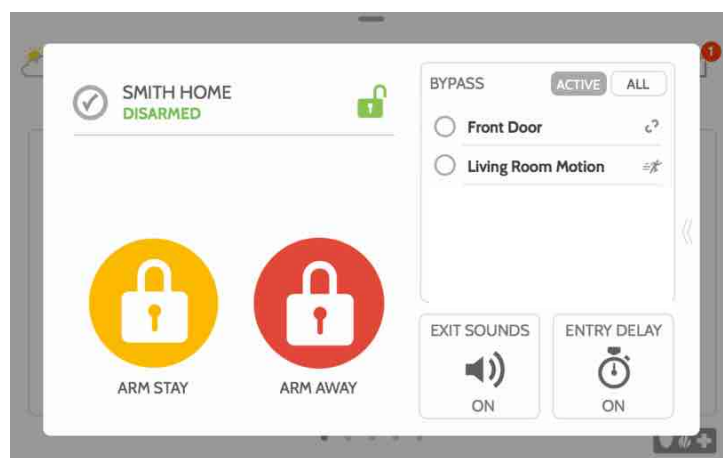
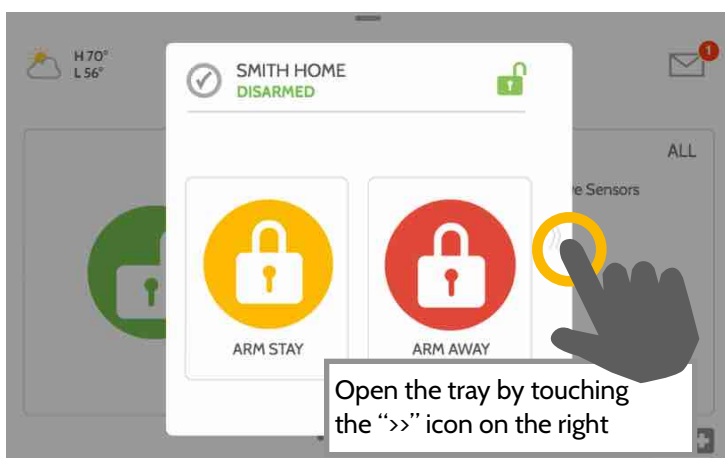


## Sensor List

Open or active sensors appear in a scrollable list on the right. Touch the icons in the upper right corner to switch your view to either “Active” or “All” sensors.

## Sensor status:

- Open
- Closed
- Active
- Idle
- Unreachable
- Tampered



## Arming Options

Quickly choose from “stay” or “away”



### Arming Stay

Arms doors and windows only



### Arming Away

Arms doors, windows and motions



### Additional Options

View additional arming options by touching the “>>” icon on the right side

## Additional Arming Options

Select these options before choosing your arming type



### Bypass

Touch the circle next to a sensor to bypass it during the arming sequence



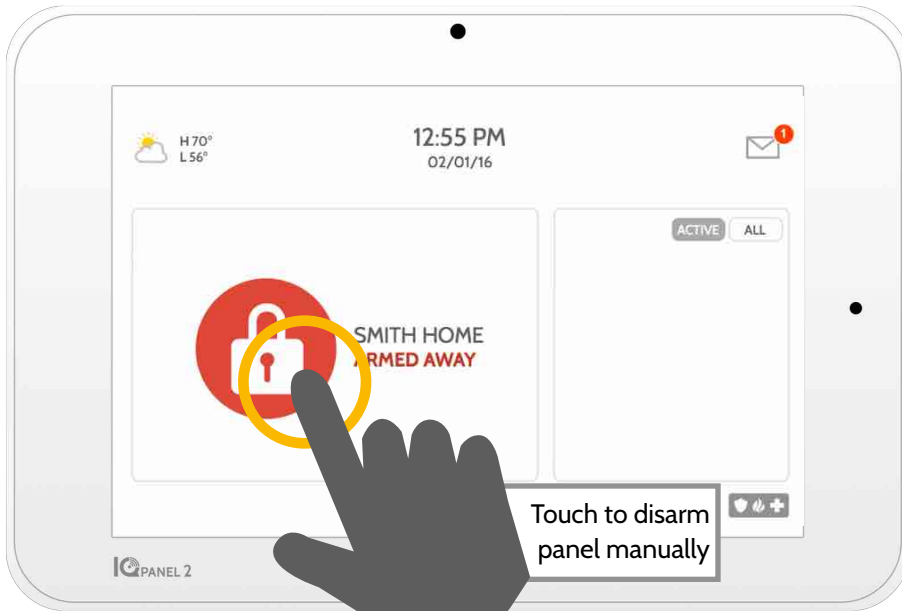
### Exit Sounds

The panel beeps as the timer counts down. Silence these beeps before you choose the arming type.



### Entry Delay

The panel will give you time to disarm once a “delay door” has been opened. Turn this off with a touch.



## Disarming your System

When your system is armed, there are multiple ways to disarm:



### Disarming Manually

To manually disarm your panel, touch the icon in the center of the screen. You will be prompted to enter a valid code. Failure to enter a valid code with the time required will trigger the alarm.

- When someone manually disarms the panel the built in camera will take a photo and save it on the camera page along with the date, time, and name of the user.

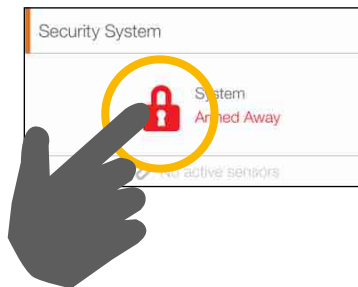


### Disarming Remotely

To remotely disarm your panel, login to your mobile app and touch the "disarm" icon.



Download the Alarm.com app in the App store or Google Play

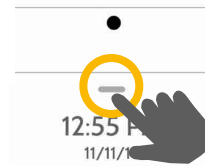


### Disarming Automatically

You can connect your smartphone using Bluetooth and it will automatically disarm your IQ Panel from an "Armed Away" state when it comes within range. To connect a phone, follow the steps shown.



## Bluetooth Touchless Disarming



**Step 1:**  
Swipe down to access settings tray



**Step 2:**  
Touch "SETTINGS"



**Step 3:**  
Touch "ADVANCED SETTINGS"



**Step 4:**  
Enter your code



**Step 5:**  
Touch "BLUETOOTH DEVICES"

**Step 6:**  
Put your Bluetooth device in "pairing" mode.

**Step 7:**  
 Touch "ADD DEVICE" The panel will begin searching for new devices in range (It may take up to 60 seconds)

**Step 8:**  
Select your device from the list



**Step 9:**  
Touch "Pair"

**Step 10:**  
When the messages appear on your phone and IQ Panel, ensure the numbers match and touch "Pair" on each.

**Bluetooth Pairing Request**  
"IQ-Panel" would like to pair with your phone. Confirm that the code "12345" is shown on the "IQ-Panel".

Cancel

Pair

**BLUETOOTH PAIRING REQUEST**

Device: My Phone  
Pairing Code: 12345

CANCEL

PAIR

*\*You can connect up to five (5) smartphones for touchless disarming. Before you begin you must enable this setting in your Bluetooth settings.*

## Alarms

If the alarm is triggered the IQ Panel will sound the siren and display a red alarm screen.

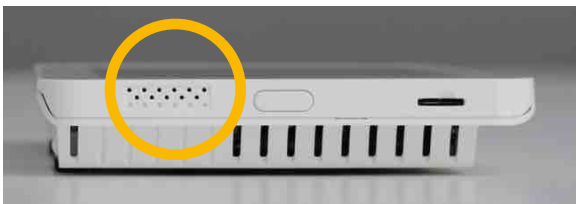


If your provider offers monitoring service, the panel will automatically contact your monitoring center using the dual path LTE and Wi-Fi connection.

To disarm, touch the screen and enter your passcode.

## Two Way Voice

The built in microphones on the bottom of the panel and the Two-Way Voice speaker on the side of the panel activate after a connection to the monitoring station has been made.



Speakers are located on each side of the panel



Microphones are located on the bottom of the panel

## False Alarms

In the event of a false alarm, press disarm and enter your user code. If your system is monitored, be ready to provide your verbal password to your security provider's monitoring agent if they contact you. If you are NOT able to provide the correct verbal passcode, the authorities may be contacted.



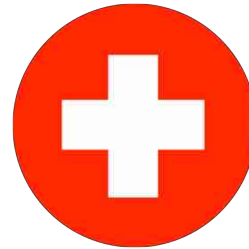
### Police

When the system is armed and the alarm is tripped or you touch the "Police" emergency button the alarm sounds with the "Intrusion" siren and then activates the Two-Way Voice microphone and speaker, if available.



### Fire

When a Smoke or Carbon Monoxide detector is triggered or someone taps the "Fire" panic on the IQ Panel the alarm sounds with the "Fire" siren and then activates the Two-Way Voice microphone and speaker, if available.



### Emergency

When you press an IQ Pendant or trigger an emergency signal from the IQ Panel, the alarm sounds with the "Emergency" siren and then activates the Two-Way Voice microphone and speaker.

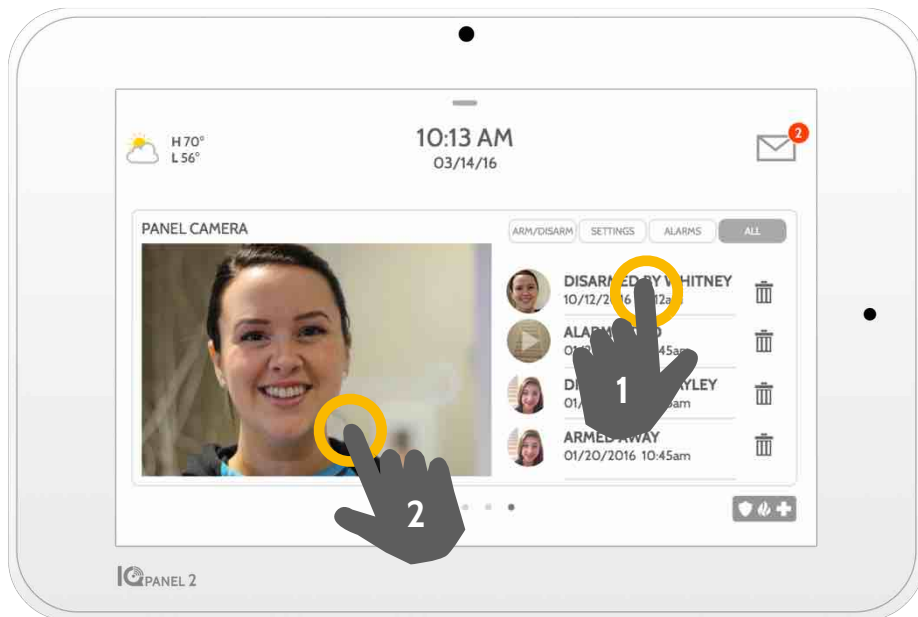
## Preventing false alarms:

False alarms are a terrible waste of your public service resources, and can erode your relationship with local authorities. In some areas, authorities even charge a fee for false dispatches.

### Here's some tips for avoiding false alarms:

- Use your system regularly, be comfortable with its operation.
- Make sure everyone who has access to your home has a valid access code and is familiar with how to use the system.
- Ensure the doors you use the most are set up with delays to give you enough time to disarm the system when you open a door.
- Test your system regularly
- Develop a routine.
- Use alternative methods for arming and disarming (mobile app, bluetooth disarming, etc.)



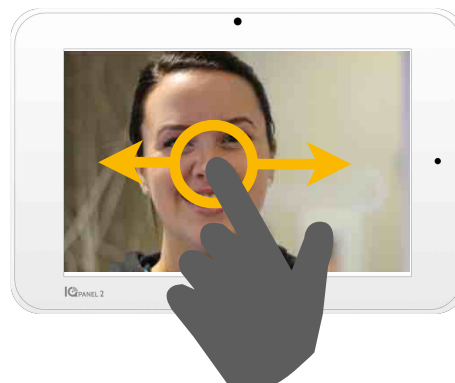


## 1- View Photo

Touch a photo thumbnail on the right to view it on the left.

## 2- Full Screen

Touch the photo on the left to view it full screen. Touch it again to return to the camera page.



*Note: While viewing photos full screen you can swipe left/right to view additional photos*

## Camera Page

Your IQ Panel's built in camera captures photos in a variety of situations:



### Disarm Photos

When the panel is disarmed manually, the built in camera takes a photograph and saves it in the "ARM/DISARM" section. These photos are accompanied by the username of the individual who's code was used, the date, and the time.



### Settings Photos

When someone attempts to access your panel settings with an invalid code, the built in camera takes a photograph and saves it in the "SETTINGS" section. These photos are accompanied by the date and time.



### Alarm Photos

When the alarm is triggered, the built in camera takes a photograph and saves it in the "ALARMS" section.

## Photos to your Phone



Customer Login  
Password  
Sign In  
Remember Me Login Help?

**Alarm.com/Login**  
Get your username and password from your provider



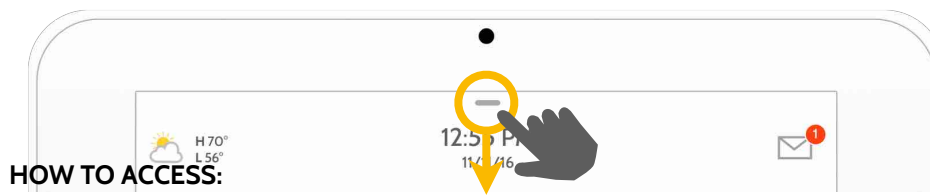
Click the "Image Sensor" tab



Click "Rules & Alerts"



Click "Capture Alarm And Disarm Images" to customize



## Settings Tray

Access common settings by swiping down from the top of the screen.

### HOW TO ACCESS:

#### Security Status

See your panel's security status in the upper right. Touch it to go directly to the security page

#### Battery & Radios

Touch an icon to get more information  
-Battery level  
-Wi-Fi connection  
-Bluetooth status  
-Cellular connection

#### Volume

Slide left/right to adjust the panel voice

#### Brightness

Slide left/right to adjust the screen brightness

#### Settings

Touch to access the full settings page. From there you can also access "Advanced settings" (which will require a passcode)

#### Language

Touch to change panel language (may not be available)

#### Messages & Alerts

Touch to access the message center including your provider's contact information, video tutorials, and system messages

#### Photo Frame

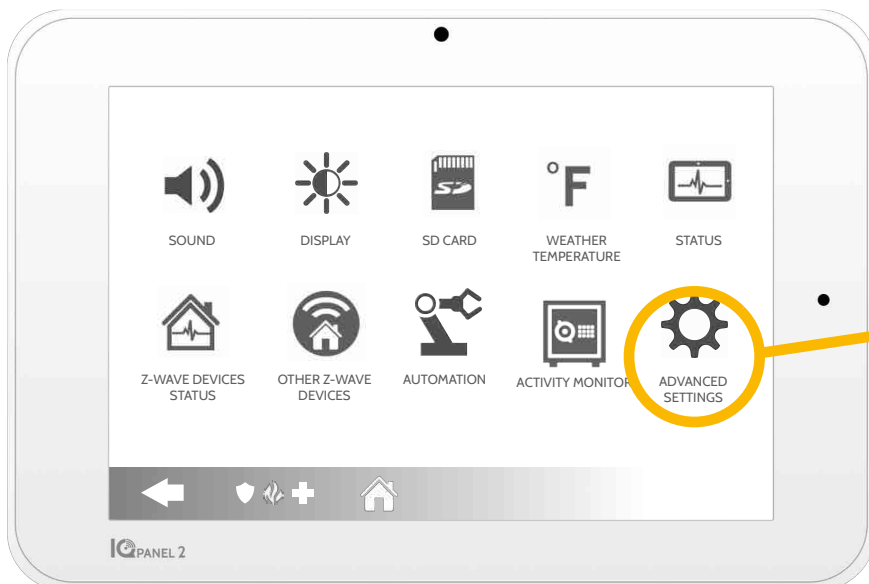
Touch to access the photo frame where you can customize the panel's screensaver

#### Close Tray

Swipe up to close the tray

#### Clean Screen

Disables the screen for 30 seconds to allow you to clean it without accidentally touching anything. (Touch the "standby" button on the side of the panel to cancel)



#### Settings Page

From here you can adjust individual sound settings, change your weather temperature from Fahrenheit to Celsius, see the status of your security and smarthome devices, and more.

#### Advanced Settings

Only the Master code can access this area. From here you can manage users, run system tests, reboot your system, connect Bluetooth and Wi-Fi and more.

## Photo Frame

When your panel is not in use, it turns into a customizable photo frame.

### Settings


Inside settings you can choose whether you want photos or a weather clock, if you want the panel to turn itself off automatically in the evenings, and more.

## Add Photos

To add your own photos:


- 1 Save your Photos onto a Micro SD card in a folder called "Photos"
- 2 Insert your SD card into the slot on the side of the panel




- 3 Touch "ADD" 

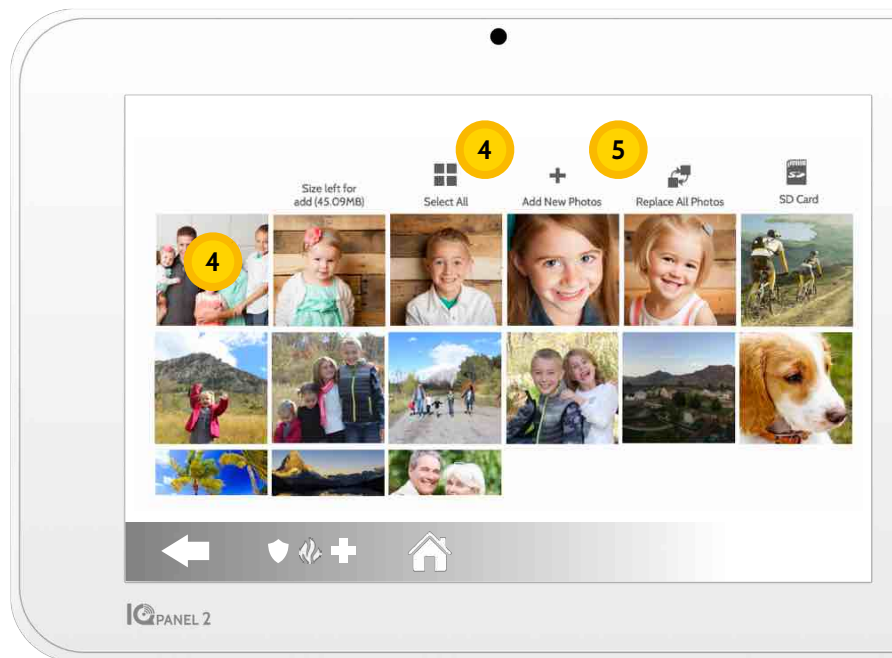
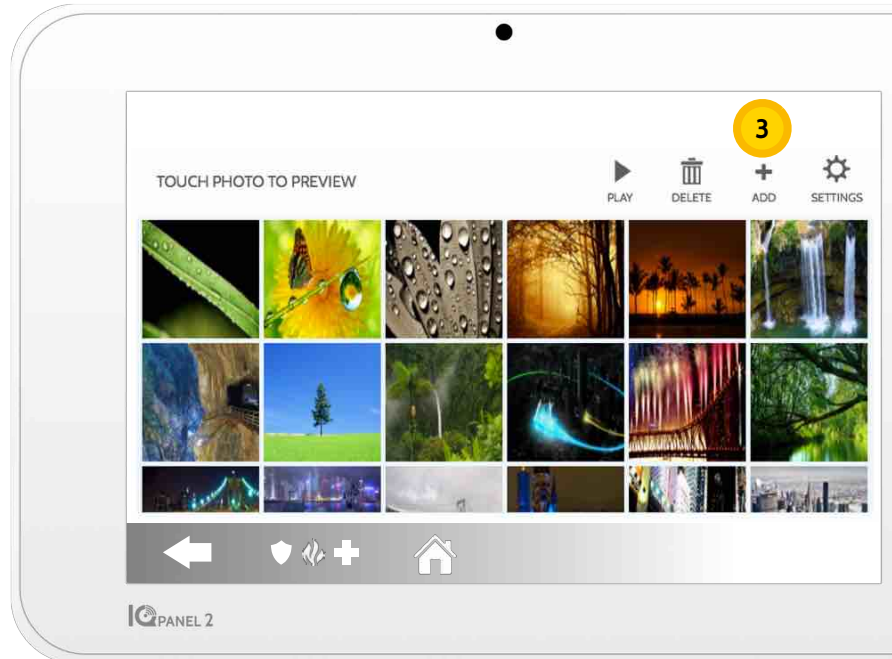
- 4 Touch each photo you wish to use or choose "Select All"

- 5 Choose either "Add" or "Replace"

 Add: Does not delete the photos already on the panel, only adds the photos you selected

 Replace: Deletes the photos already on the panel and replaces them with the new photos you selected

- 6 Wait at least 60 seconds after the photos have copied to remove the SD Card



### Delete

Touch a photo to select it. Touch "Delete" to delete it from your panel

## User Types

You can add up to 242 users to your system, each with a custom name and access you allow.

**Master:** Access panel functions, camera, and system settings.

**User:** Access panel functions, camera, but NOT system settings.

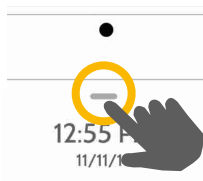





**Guest:** Used to give arm and disarm access to those users who will use the panel on a temporary basis

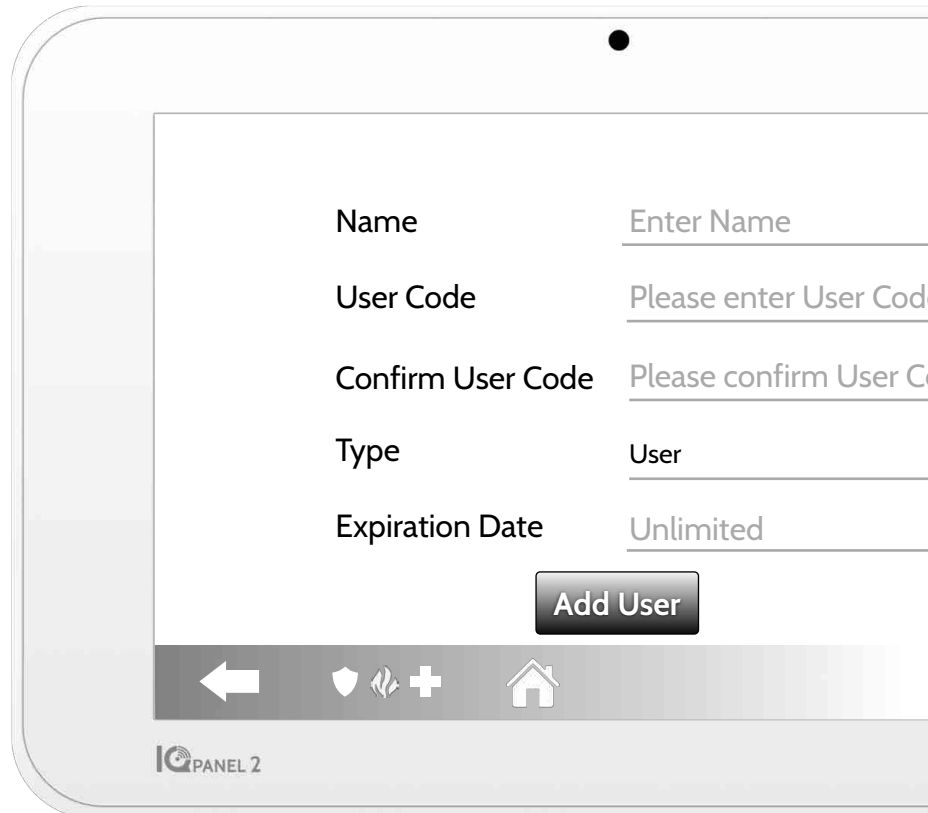


## Notifications

By creating individual users, you can set up custom text notifications when they access or use your system, keeping you connected no matter where you are.

### How to Add a New User

-  **Step 1:**  
Swipe down to access settings tray
-  **Step 2:**  
Touch "SETTINGS"
-  **Step 3:**  
Touch "ADVANCED SETTINGS"
-  **Step 4:**  
Enter your code\*
-  **Step 5:**  
Touch "User Management"
-  **Step 6:**  
Touch "Add User"



Name	Enter Name
User Code	Please enter User Code
Confirm User Code	Please confirm User Code
Type	User
Expiration Date	Unlimited

Add User

PANEL 2

### Add User Screen

Once on the "Add User" screen you can create a custom name and user code and indicate whether you want this person to be a Master, User, or Guest.

\*Default master code is 1234. For security purposes this code should be changed once the system has been installed in your home

## Testing Regularly

You should test your system regularly to ensure it is operating at peak efficiency. The IQ Panel has a number of tests built in that are easy to perform:



### Wi-Fi Test

Run this test every 30 days or if the IQ Panel's Wi-Fi connection seems to be failing.



### Sensor Test

Run this test every 30 days. As you start the test, open and close your doors, windows, and move in front of your motion sensors to ensure they work as expected.



### Cellular Test

Run this test if your panel seems to have lost its ability to send and receive signals.



### Image Sensor Config

Run this test if your image sensors stop working



### Z-Wave Test

A series of Z-Wave tests to optimize your smarthome network. "Reconfigure network" is your most useful test, repairing your network for you.



### Dual Path Test

Run this test if your panel seems to have lost its ability to send and receive signals.



### Panel Glass Break Test

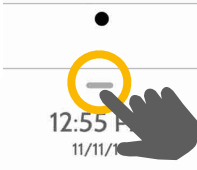




Use this to test your panel's microphone



### Panel Test

Use this every 30 days to test a variety of panel functions

## How to Access System Tests

-  **Step 1:**  
Swipe down to access settings tray
-  **Step 2:**  
Touch "SETTINGS"
-  **Step 3:**  
Touch "ADVANCED SETTINGS"
-  **Step 4:**  
Enter your master code\*
-  **Step 5:**  
Touch "System Tests"

## Encounter a Problem?

If you encounter a problem with your system, contact your provider right away.



Touch "Message Center" in the upper right corner of your panel to get your provider's contact information



\*Default master code is 1234. For security purposes this code should be changed once the system has been installed in your home

## Light Control

You can add up to 80 Z-Wave lights, lamp modules, or lightbulbs to your IQ Panel. This will allow you to control your lights locally on the panel and also from your mobile app. Once your first light is added to your system, the lights page will appear. Simply swipe over to access it.

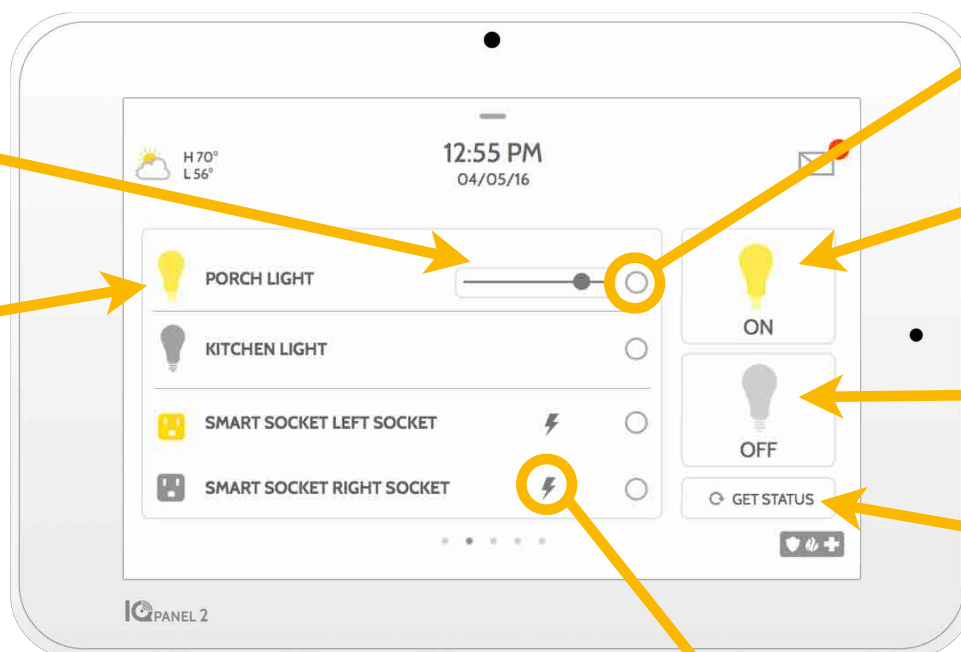


### Dimmer

Touch the slider from left to right to adjust the brightness of a single dimmer

### ON/OFF

Touch a bulb or outlet icon to turn it on or off



### Select

Touch the circle next to a light to select it

### ON

Touch turn on all selected lights

### OFF

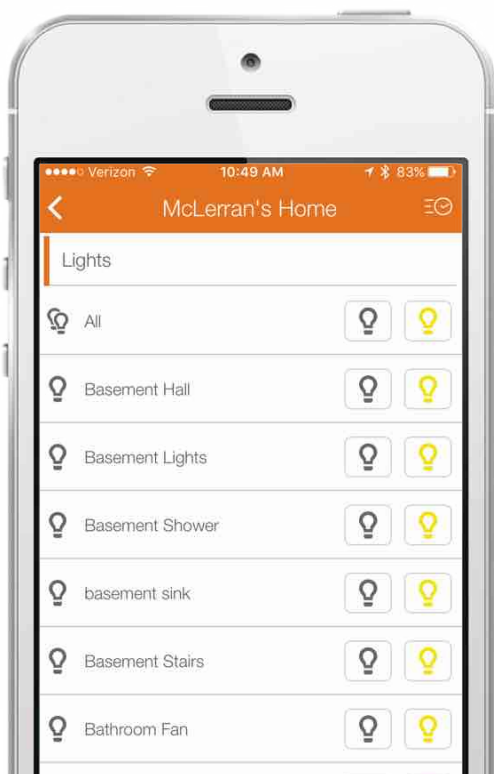
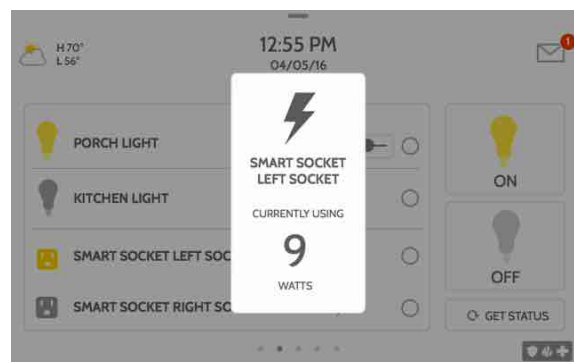
Touch turn off all selected lights

### GET STATUS

Touch to check the status of all selected lights

### Energy

Touch the energy icon to see how much energy the outlet is currently using



### Mobile Access

You can also control your lights from your mobile app.

## Lock Control

You can add up to 6 Z-Wave locks to your IQ Panel. This will allow you to control your locks locally on the panel and also from your mobile app. Once your first lock is added to your system, the lock page will appear. Simply swipe over to access it. If you have more than one lock swipe up and down to access each one.



**ON/OFF**  
Touch the key icon to unlock or lock it

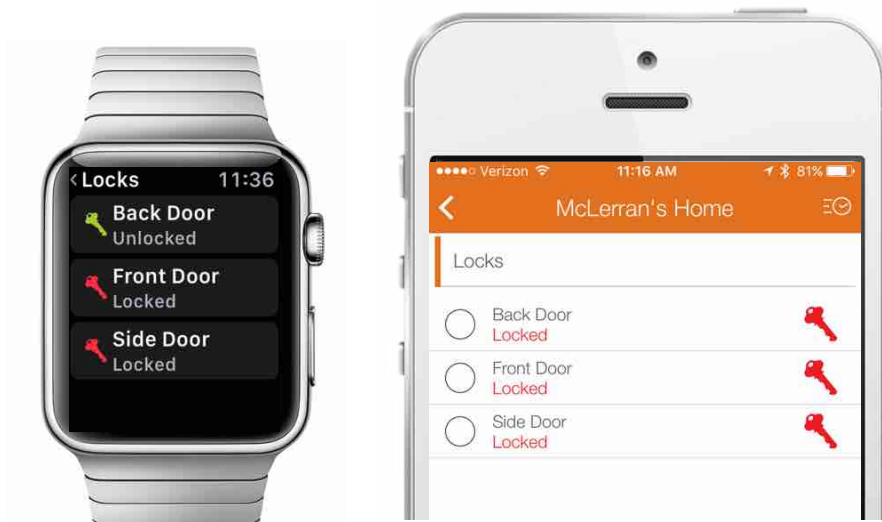
**Change Locks**  
If you have more than one lock, swipe up and down to access each one.

**Get Status**  
Touch the refresh icon to check the lock's current status

**UNLOCK ALL**  
Touch to unlock all your locks at once

**LOCK ALL**  
Touch to lock all your locks at once

The IQ Panel 2 screen displays the time 12:55 PM and date 04/05/16. The main area shows a large green key icon and the text 'FRONT DOOR UNLOCKED'. To the right, there are 'UNLOCK ALL' and 'LOCK ALL' buttons, each with a key icon. A refresh icon is located above the 'UNLOCK ALL' button. A notification icon with a red '1' is in the top right corner. The bottom of the screen shows a row of dots and a small icon with a plus sign.



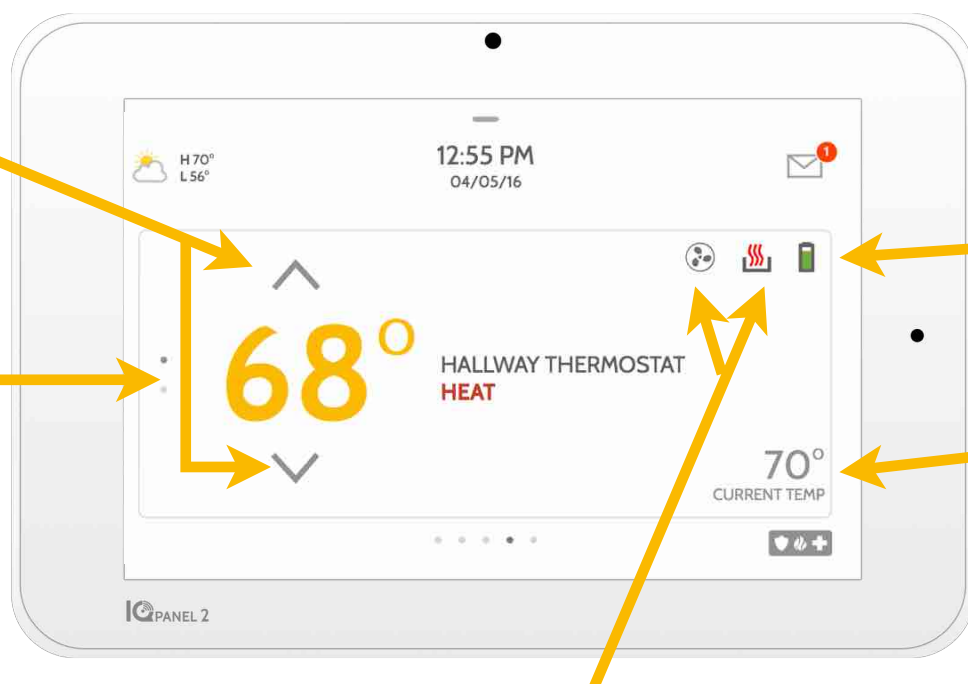
**Mobile Access**  
You can also control your locks from your mobile app.

## Thermostat Control

You can add up to 6 thermostats to your IQ Panel. This allows you to control the temperature in your home locally on the panel and also from your mobile app. Once your first thermostat is added to your system, the thermostat page will appear. Simply swipe over to access it. If you have more than one thermostat swipe up and down to access each one.

**Up/Down**  
Touch the arrows to adjust the target temperature

**Switch**  
If you have more than one thermostat, swipe up and down to access each one.

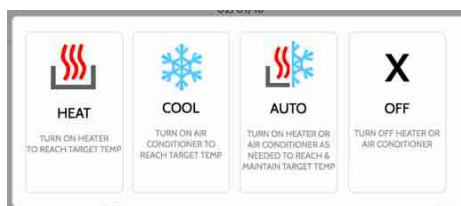


**Battery level**  
Displays how much battery is left in your thermostat

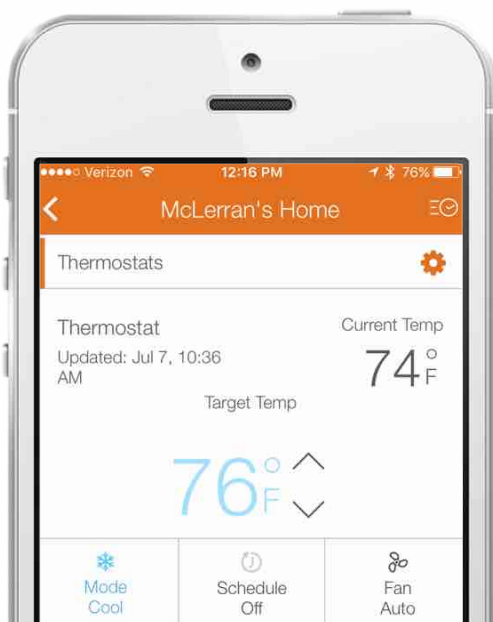
**Current Temp**  
Displays the current temperature in your home



**Fan**  
Touch to change to "On" or "Automatic"



**Mode**  
Touch to change this thermostat from heat to cool (or off) or use "automatic" which switches from heat to cool as needed to maintain your target temperature.

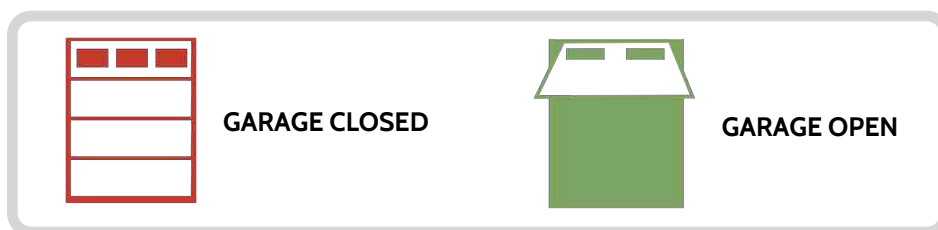


**Mobile Access**  
You can also control your thermostat from your mobile app.



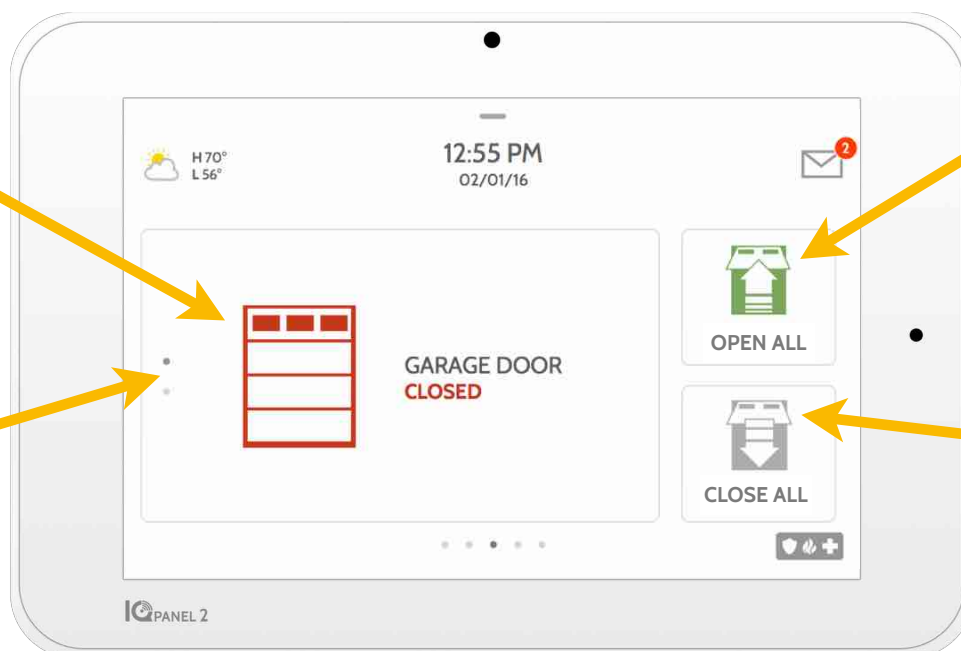
## Garage Control

You can add up to 10 Z-Wave overhead garage door controllers to your IQ Panel. This allows you to control the door from your panel and also from your mobile app. Once your first thermostat is added to your system, the thermostat page will appear. Simply swipe over to access it. If you have more than one overhead garage door swipe up and down to access each one.



**Open/Close**  
Touch the icon to open or close the garage door

**Switch**  
If you have more than one thermostat, swipe up and down to access each one.



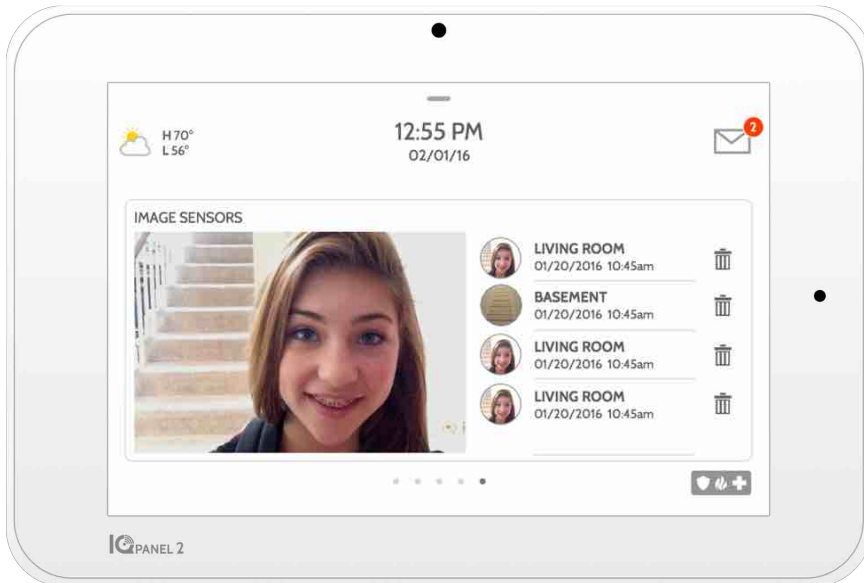
**Open**  
Touch the icon to open the garage door (not available when the garage door is already closed)

**Close**  
Touch the icon to close the garage door (not available when the garage door is already closed)



## Image Sensors

You can add up to 5 Image Sensors to your IQ Panel. This allows you to see the photos taken by your image sensors locally on the panel and also from your mobile app. Once your first Image Sensor is added to your system, the Image Sensor page will appear. Simply swipe over to access it. If you have more than one Image Sensor your photos will all be combined into this list.



### Peek-in Now

Use this command to take a picture now.



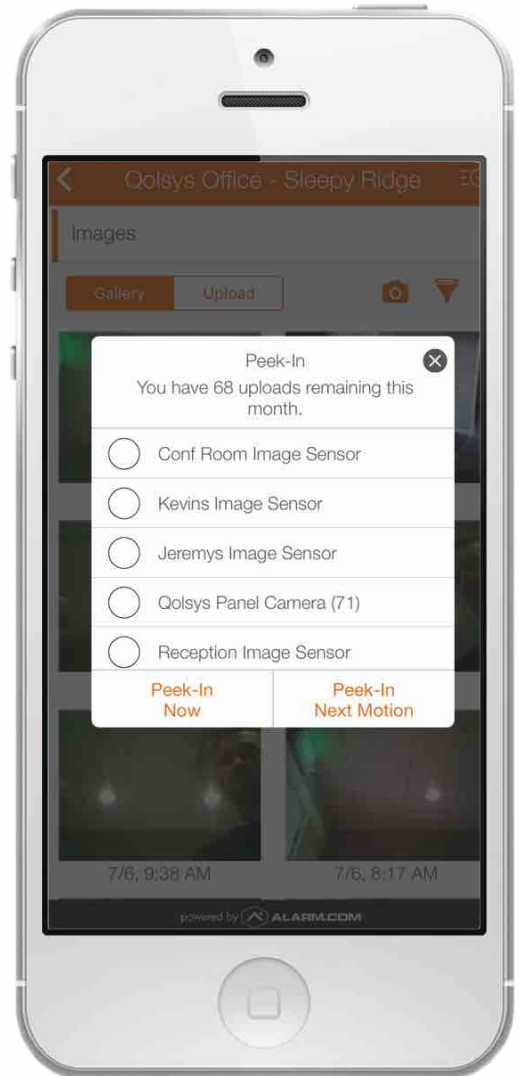
### Peek-In Next Motion

Use this command to take a picture the next time the Image Sensor's motion sensor detects movement.



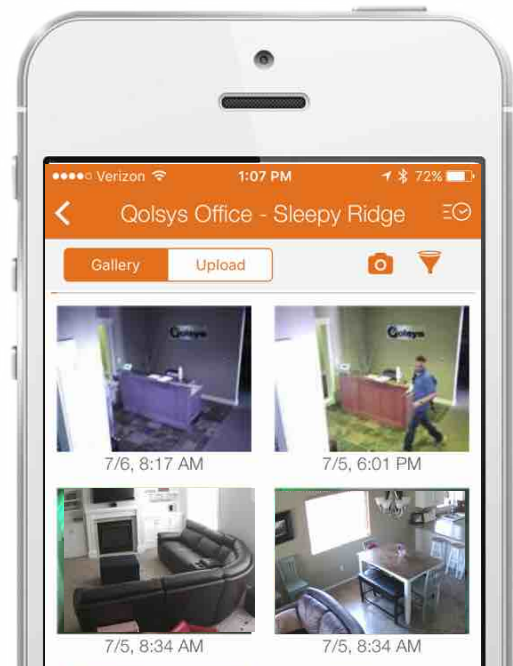
### Alarm Photos

When the alarm is triggered the Image Sensor will take photos if/when it detects motion



### Peek in Request

Request a "Peek-In" from your app.



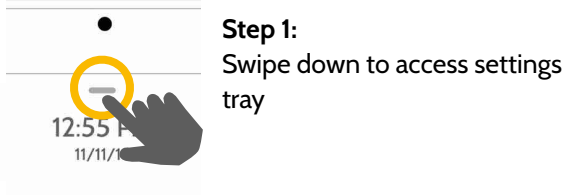
### View Images Remotely

You can view your image gallery from the "Image Sensor" section of your mobile app.

## Rebooting your panel

If you experience any problems with your panel, you can reboot the operating system

### How to Reboot



**Step 1:**  
Swipe down to access settings tray



**Step 2:**  
Touch "SETTINGS"



**Step 3:**  
Touch "ADVANCED SETTINGS"



**Step 4:**  
Enter your master code



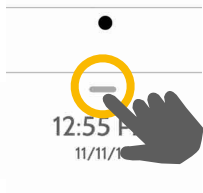
**Step 5:**  
Touch "Panel Reboot"

The panel will power down and then reboot.

## Software Updates

Be sure your panel is always using the latest software

### How to check for updates



**Step 1:**  
Swipe down to access settings tray



**Step 2:**  
Touch "SETTINGS"



**Step 3:**  
Touch "ADVANCED SETTINGS"



**Step 4:**  
Enter your master code



**Step 5:**  
Touch "Software Upgrade"

**Step 6:**  
Touch "Update Using Network." If a software update is available, it will download automatically and the panel will reboot

## FCC REGULATORY INFORMATION

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with radiation exposure limits set forth for uncontrolled environment. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

IMPORTANT: Changes or modifications not expressly approved by Golsys, Inc. could void the user's authority to operate the Product.

## IC REGULATORY INFORMATION:

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux normes d'exemption de licence RSS d'Industry Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement

CAN ICES-3 (B)/NMB-3(B)

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement, votre corps, et d'autres antennes ou transmetteurs.

## FCC/IC STATEMENT

Changes or modifications not expressly approved by Golsys can void the user's authority to operate the Product. This Product has been tested and found to comply with FCC Rules.

This Product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this Product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna.

Increase the separation between the Product and receiver.

Connect the affected equipment and the Product to separate outlets, on different branch circuits. Consult the dealer or an experienced radio/TV technician for help.

## Household Fire Safety Audit

Read this section for important information about fire safety. Most fires occur in the home. To minimize this danger, we recommend that a household fire safety audit be conducted and a fire escape plan be developed.

1. Are all electrical appliances and outlets in a safe condition? Check for frayed cords, overloaded lighting circuits, etc. If you are uncertain about the condition of your electrical appliances or household service, have a professional evaluate these units.
2. Are all flammable liquids stored safely in closed containers in a well-ventilated cool area? Cleaning with flammable liquids should be avoided.
3. Are fire-hazardous materials (e.g., matches) well out of reach of children?
4. Are furnaces and wood-burning appliances properly installed, clean and in good working order? Have a professional evaluate these appliances.

## Fire Escape Planning

There is often very little time between the detection of a fire and the time it becomes deadly. It is thus very important that a family escape plan be developed and rehearsed.

1. Every family member should participate in developing the escape plan.
2. Study the possible escape routes from each location within the house. Since many fires occur at night, special attention should be given to the escape routes from sleeping quarters.
3. Escape from a bedroom must be possible without opening the interior door.

### Consider the following when making your escape plans:

1. Make sure that all border doors and windows are easily opened. Ensure that they are not painted shut, and that their locking mechanisms operate smoothly.
2. If opening or using the exit is too difficult for children, the elderly or handicapped, plans for rescue should be developed. This includes making sure that those who are to perform the rescue can promptly hear the fire warning signal.
3. If the exit is above the ground level, an approved fire ladder or rope should be provided as well as training in its use.
4. Exits on the ground level should be kept clear. Be sure to remove snow from exterior patio doors in winter; outdoor furniture or equipment should not block exits.

5. Each person should know the predetermined assembly point where everyone can be accounted for (e.g., across the street or at a neighbor's house). Once everyone is out of the building, call the fire department.

6. A good plan emphasizes quick escape. Do not investigate or attempt to fight the fire, and do not gather belongings as this can waste valuable time. Once outside, do not re-enter the house. Wait for the fire department.

7. Write the fire escape plan down and rehearse it frequently so that should an emergency arise, everyone will know what to do. Revise the plan as conditions change, such as the number of people in the home, or if there are changes to the building's construction.

8. Make sure your fire warning system is operational by conducting weekly tests. If you are unsure about system operation, contact your installer.

9. We recommend that you contact your local fire department and request further information on fire safety and escape planning. If available, have your local fire prevention officer conduct an in-house fire safety inspection.