IQPANEL 2

DO IT YOURSELF
INSTALLATION MANUAL

IQ PANEL 2

The IQ Panel 2 keeps you connected to an entire ecosystem of smart devices giving you control over your entire home. Exciting features like touchless disarming using Bluetooth and a built in glass break detector are enabled through powerful software that improves over time through regular software updates.
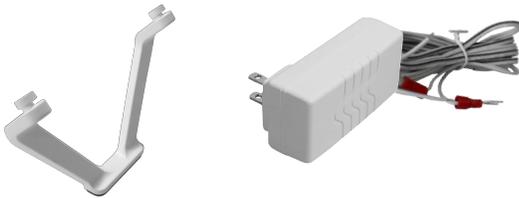
The IQ Panel also includes a snap on table stand and power supply with cable.

IQ MOTION-S

The IQ Motion detects infrared body heat useful for both security and home automation. Create rules like "when someone enters the room, turn on light" or "Trigger siren when body detected".

IQ DW MINI-S

The IQ Mini door/window sensor is a powerfully small device that can be placed on anything that opens or closes. Create automation rules like "turn on light when door is opened" or "Adjust thermostat if window left open".

Let's start by connecting your power.

Plug in the power connector

Route the wire behind the retainer clip

Insert the wire into the strain-relief

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

Plug in your panel, power it on

Plug in the power supply provided with your panel
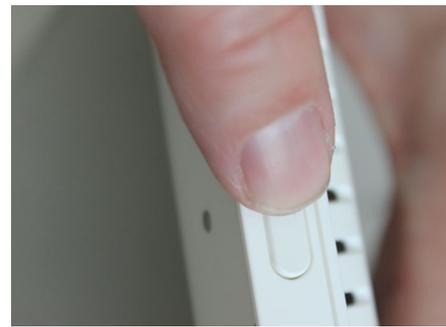
Push and hold the standby button on the side of the panel for 3 seconds

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

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IQ DW MINI-S

DOORS & WINDOWS

Your IQ Mini is an ultra compact encrypted sensor that can be placed on anything that opens or closes.
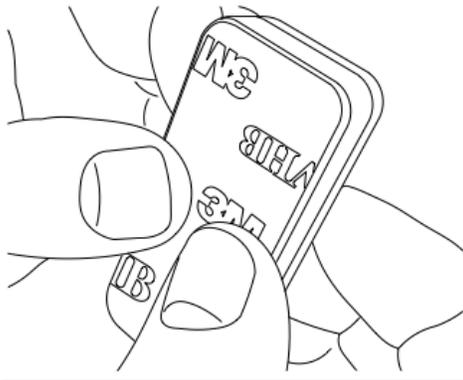
Apply the included adhesive.
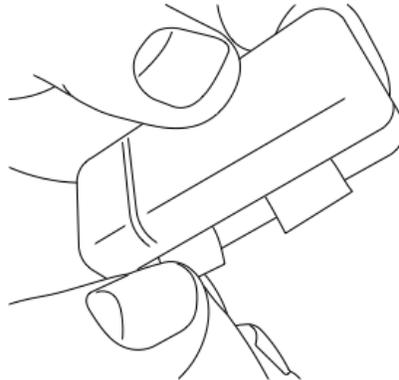
Remove the two battery tabs.

Remove the protective film.
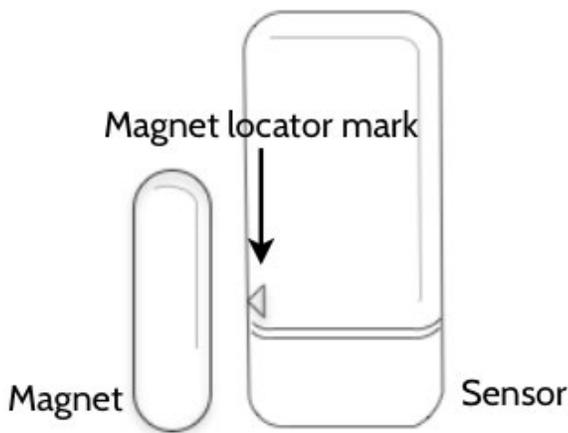
Line up the sensor with the magnet.
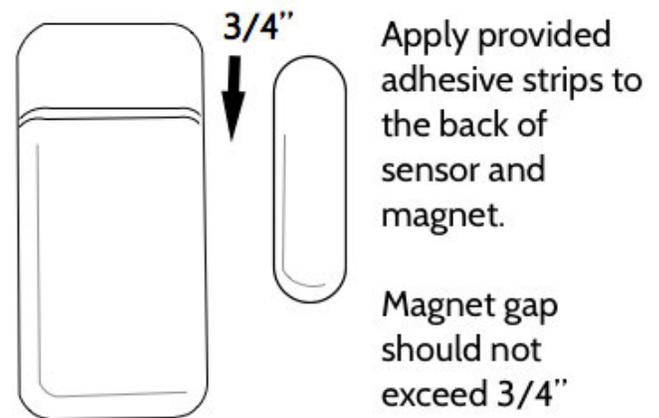
Secure the sensor and magnet to the surface.

Apply provided adhesive strips to the back of sensor and magnet.

Magnet gap should not exceed 3/4"
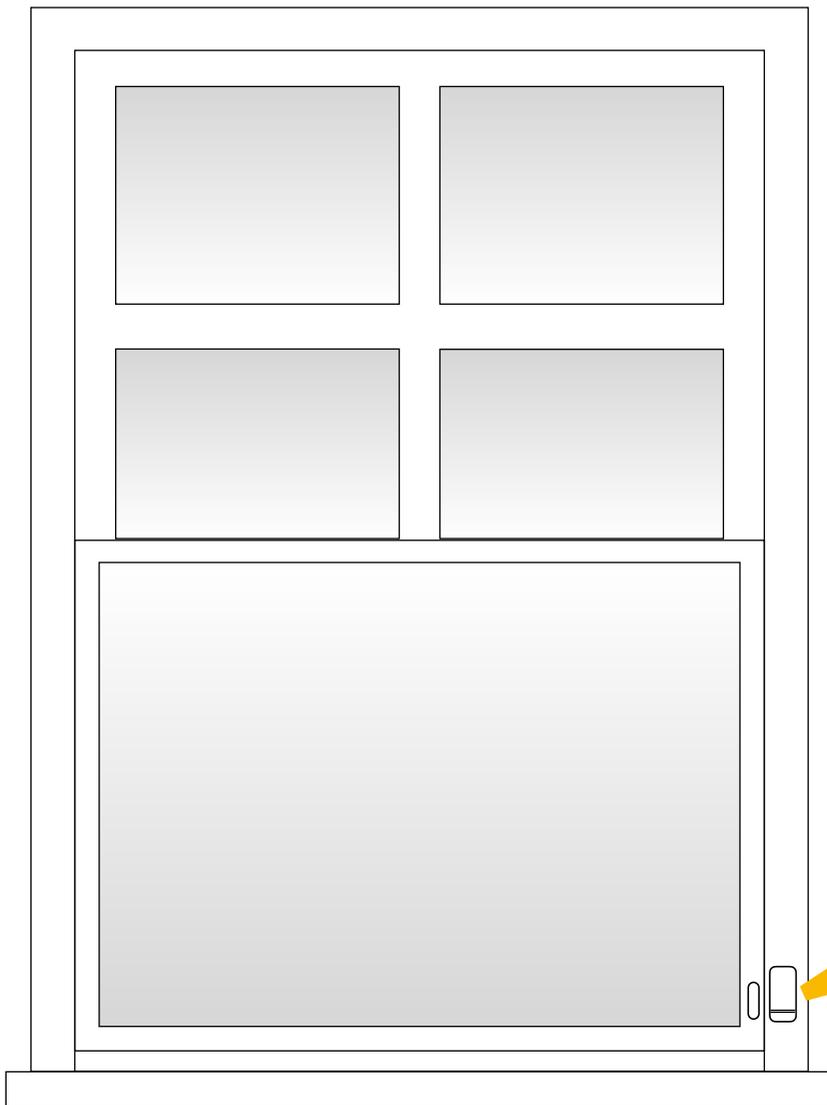
Typical installation of magnet/sensor with the magnet on the window and the sensor on the window frame.
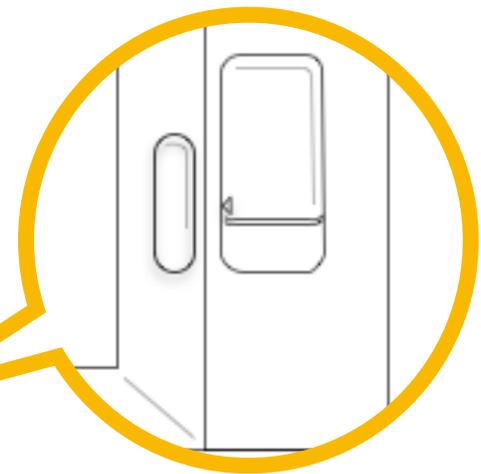
When installing the sensor on a window, place the "magnet" on the part of the window that moves, to reduce possibility of damage to the sensor as you open and close the window. If your window does not allow this kind of installation then you can reverse this configuration.

Standard install magnet/sensor orientation.
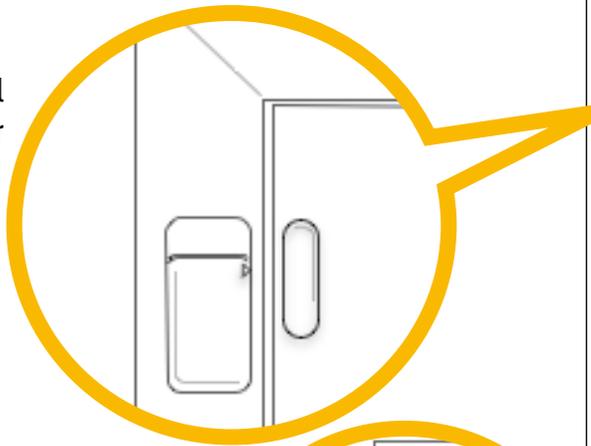
Alternate install magnet/sensor orientation.
(used when door trim does not allow standard install)
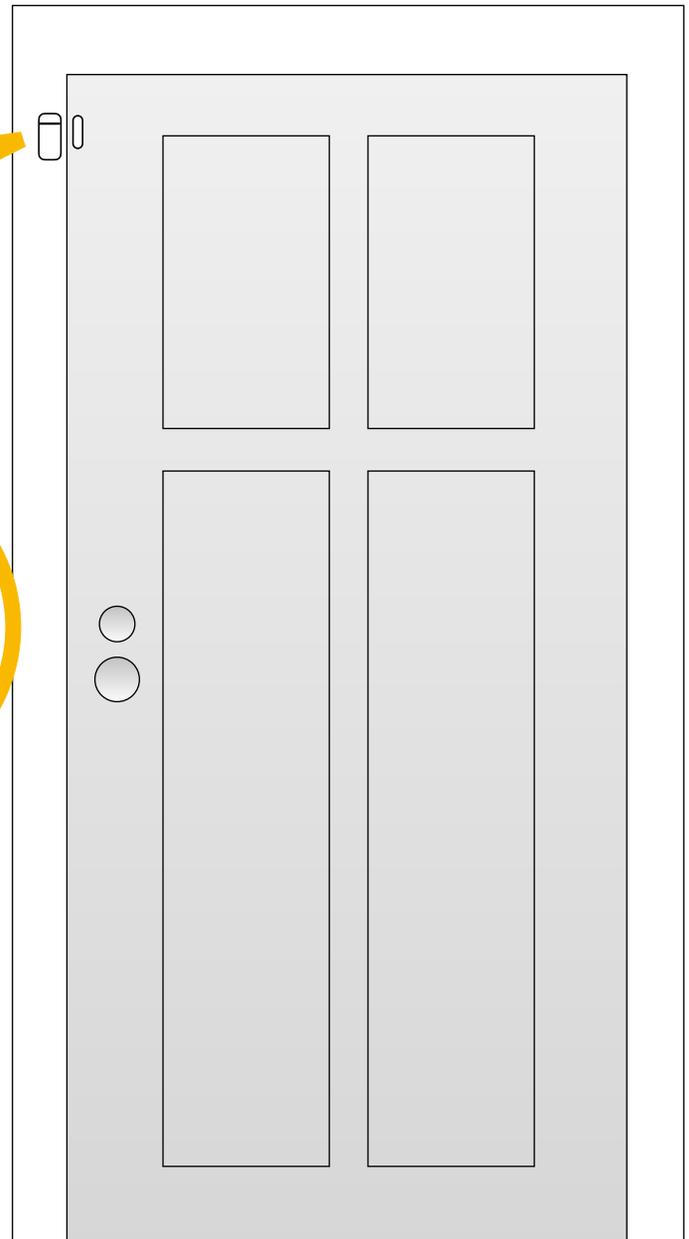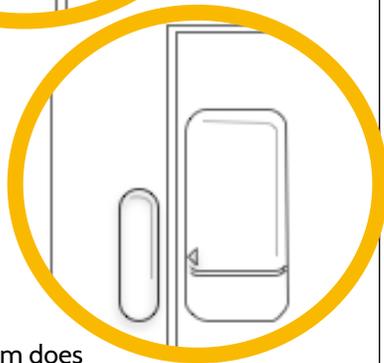
When installing the sensor on a door, place the "magnet" on the door and the sensor on the door frame. This helps to reduce the possibility of damage to the sensor as you open and close the door. If the trim around your door does not allow this kind of installation then you can reverse this configuration.

IQ MOTION-S

MOTION DETECTION

Your IQ Motion is an encrypted infrared sensor with a range of 25 feet. The motion detector is most effective when a person moves across its field of view, rather than towards the sensor. We recommend that all motions are installed at a height of 6.5 feet. Refer to the following pages for different installation options.
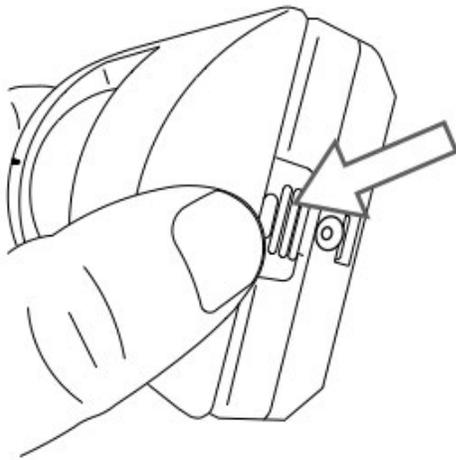
Open the device to remove the back plate.
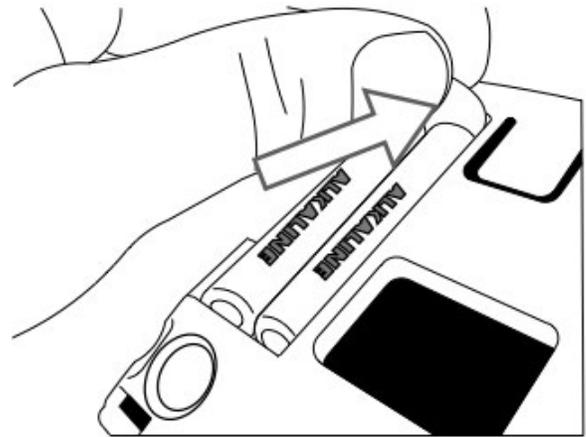
Remove the battery tab.
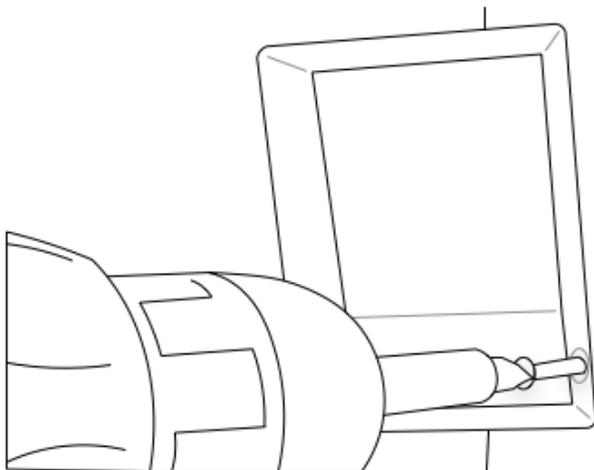
Secure the backplate to surface.*
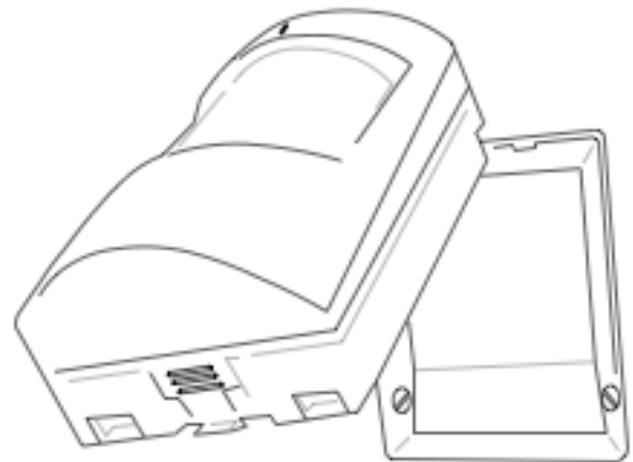
Re-install motion device to the backplate.

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Have pets? By mounting the motion sensor flat against the wall you get more more open air coverage within the room but less floor coverage, reducing the risk of false alarms.

Reduce False Alarms: When possible, avoid installing your motion sensor toward windows, as the heat or movement from outside may create false alarms.

Install
screws here

Finished
install

80°

25ft
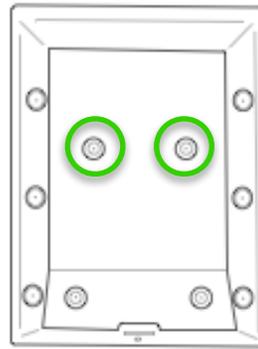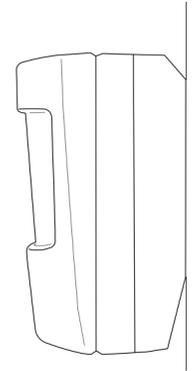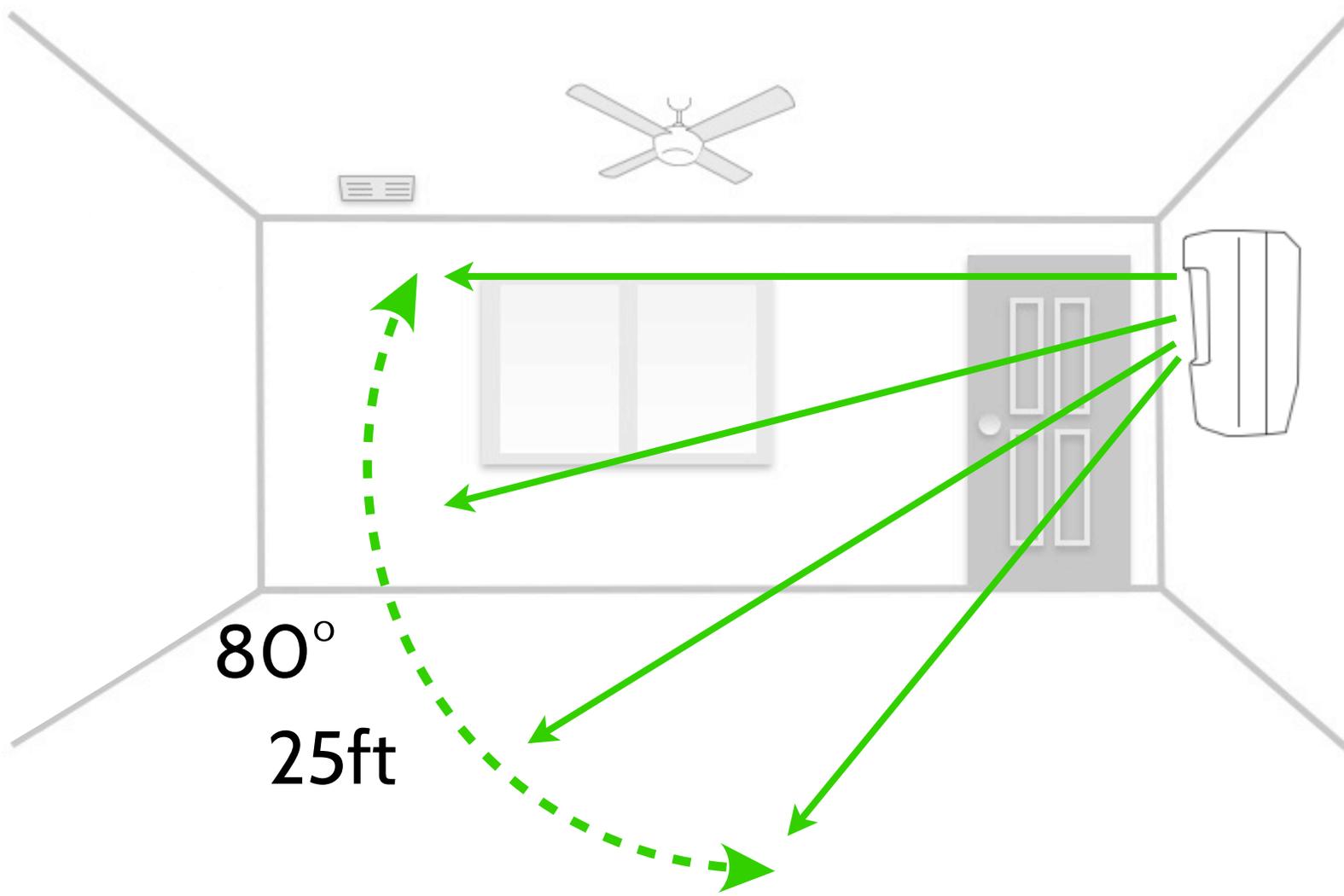
Corner mounting is the most common placement because it allows the sensor to provide wall to wall protection.

Have pets? By mounting the motion sensor flat against the wall you get more more open air coverage within the room but less floor coverage, reducing the risk of false alarms.
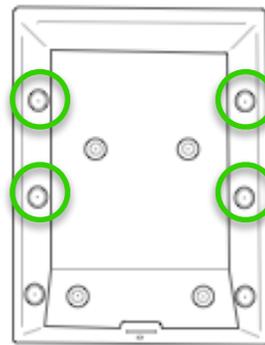
Install screws here
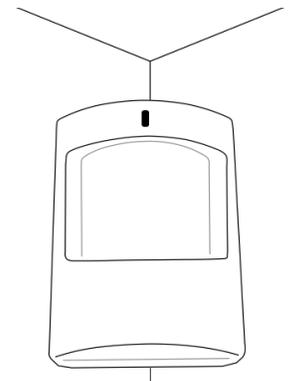
Finished install

Reduce False Alarms: When possible, avoid installing your motion sensor toward windows, as the heat or movement from outside may create false alarms.

80°

25ft
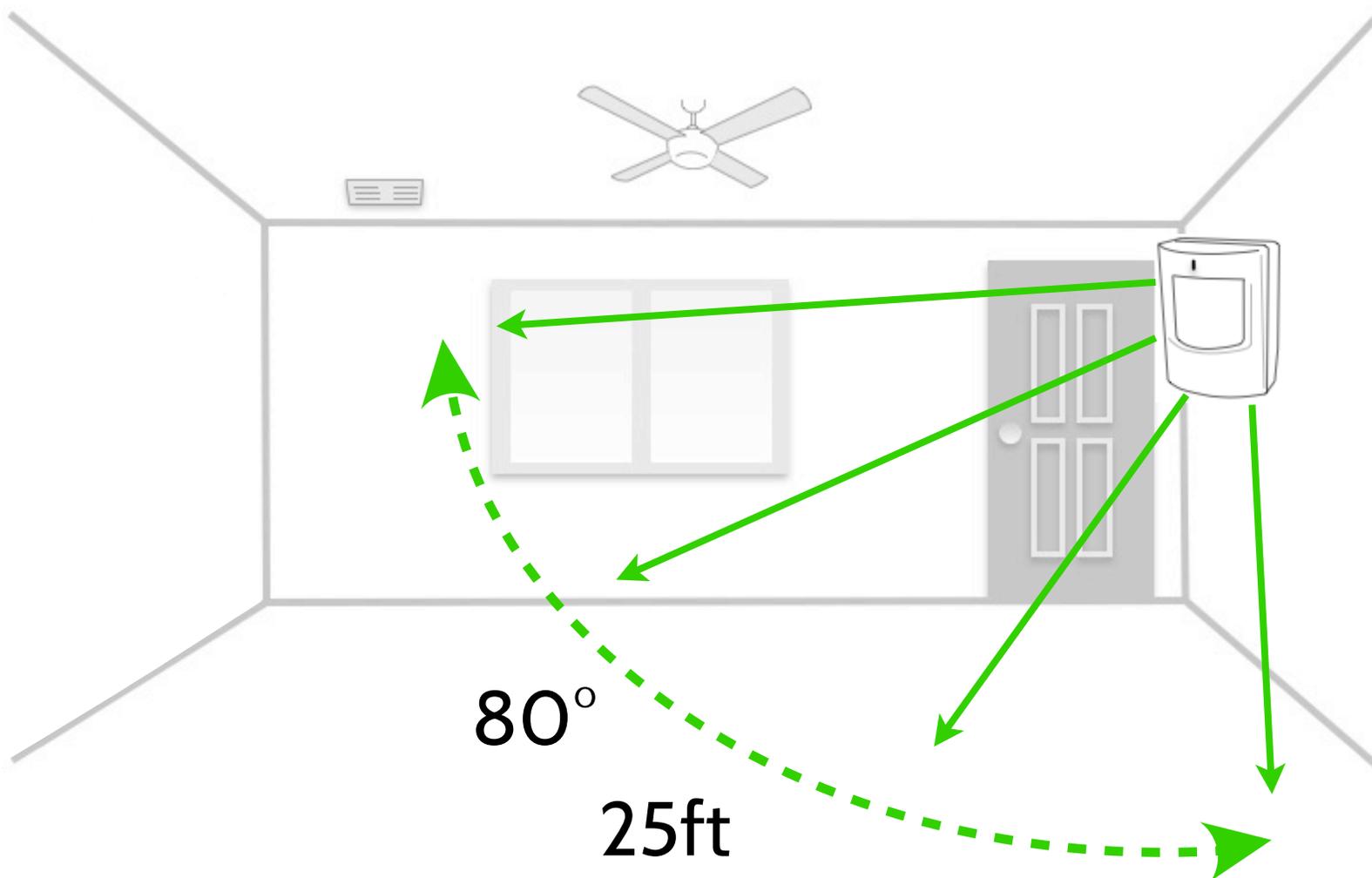
Angle Mount: pointing the motion downward gives you less open air coverage but more floor coverage. This is a great installation in homes without pets.

Reduce False Alarms: When possible, avoid installing your motion sensor toward windows, as the heat or movement from outside may create false alarms.

Install screws here

Finished install

80°

25ft

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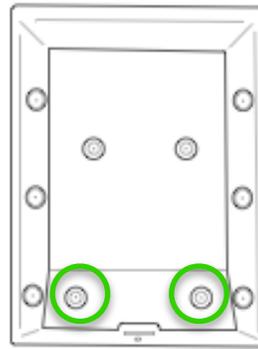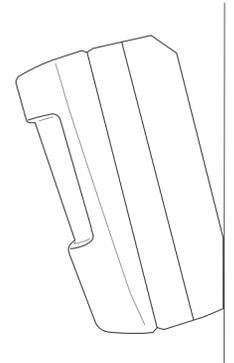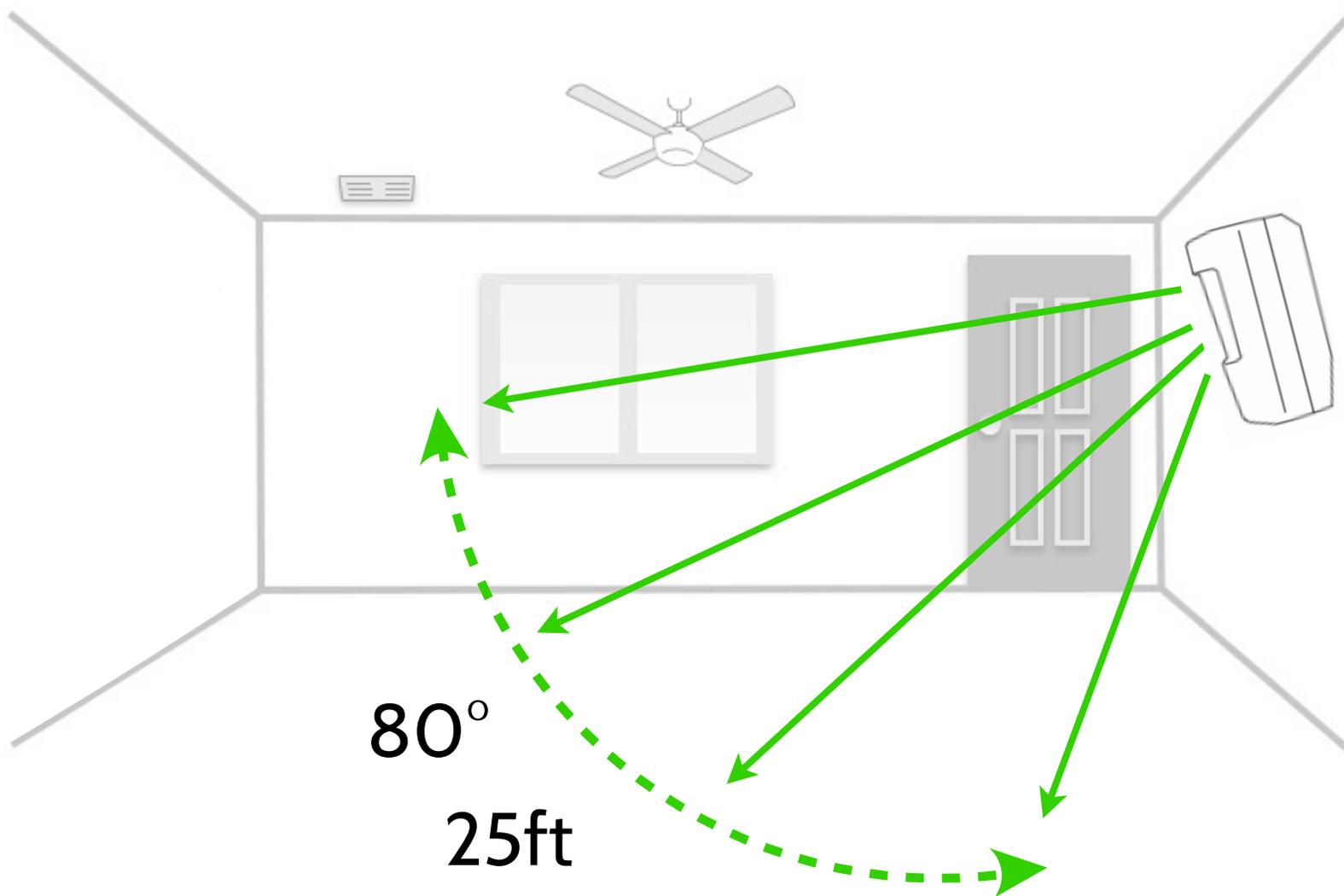
Corner mounting is the most common placement because it allows the sensor to provide wall to wall protection. Angling downward is a great installation in homes without pets.

Reduce False Alarms: When possible, avoid installing your motion sensor toward windows, as the heat or movement from outside may create false alarms.

Install screws here

Finished install

80°

25ft
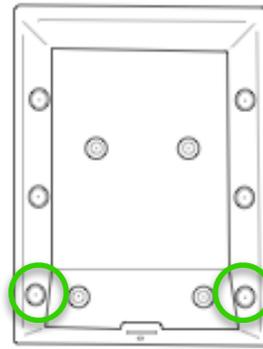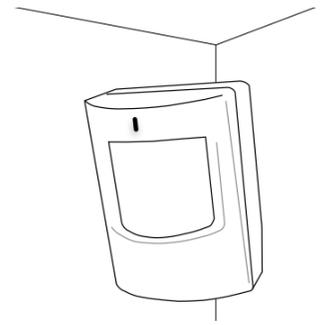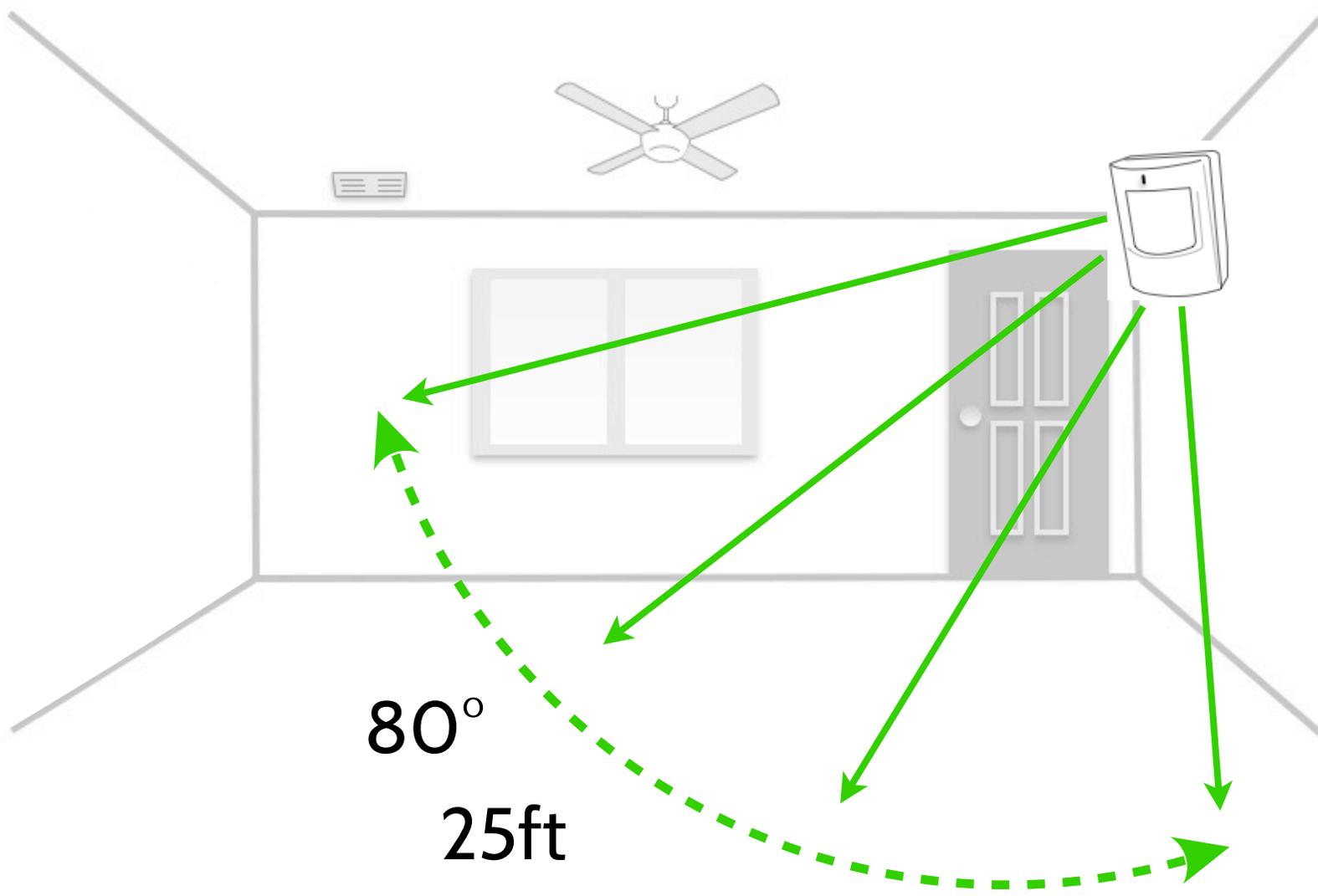
USING YOUR SYSTEM

Navigation

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

Swipe down to access settings

Scroll up/down to reveal additional content on a page

Swipe left/right to change pages

Touch an icon to view its contents

H 70°
L 56°

12:55
11/1/16

ACTIVE ALL

Front Door

SYSTEM
DISARMED

IQPANEL 2
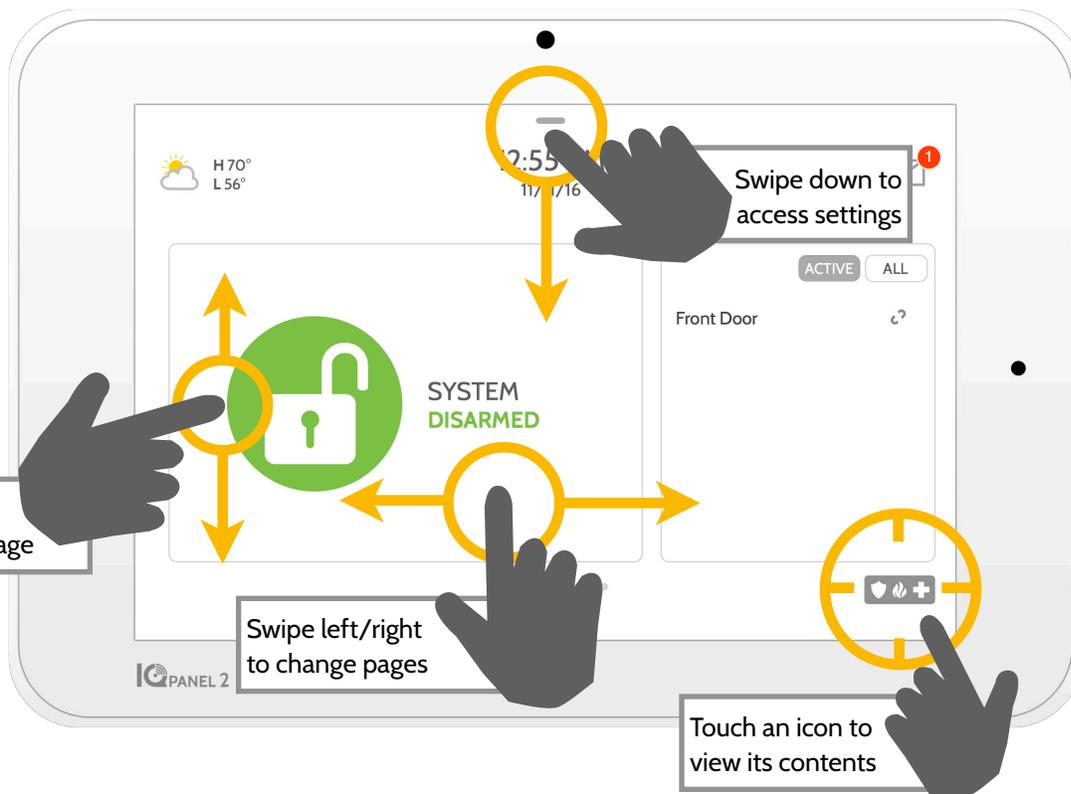
Dismiss

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

H 70°
L 56°

12:55 PM
02/01/16

TODAY
PARTLY SUNNY
H 70°   L 56°

THURSDAY
FLURRIES
H   L 56°

FRIDAY
SUNNY
H 70°   L 56°

SATURDAY
PARTLY SUNNY
H 70°   L 56°

Swipe a page away when you are done

IQPANEL 2

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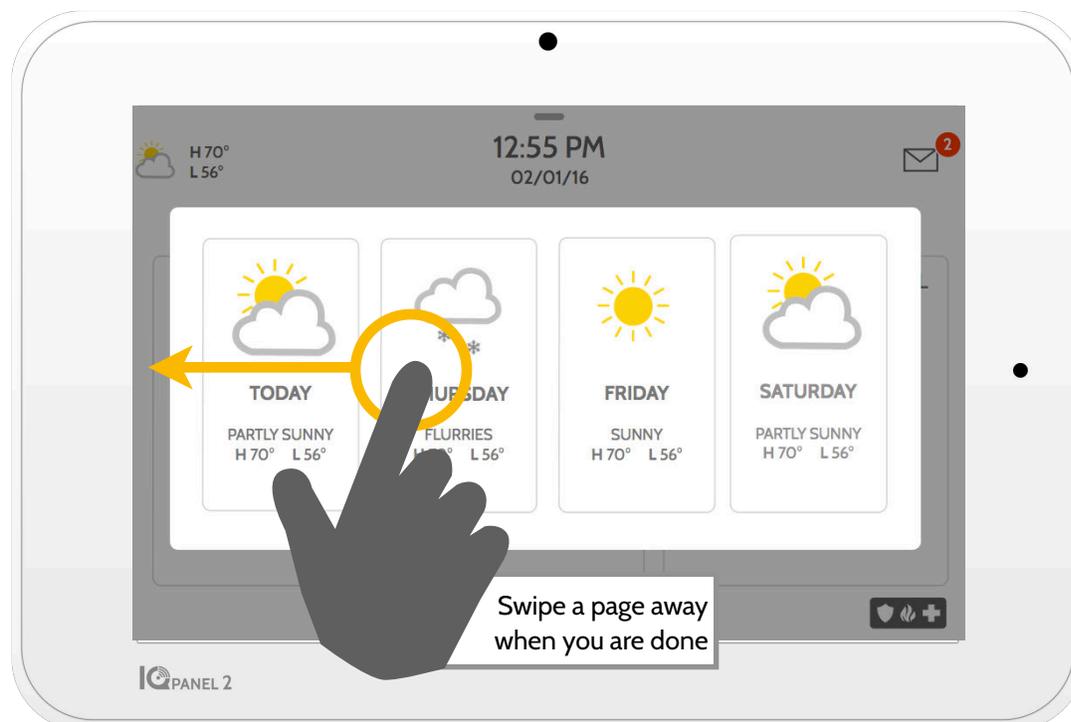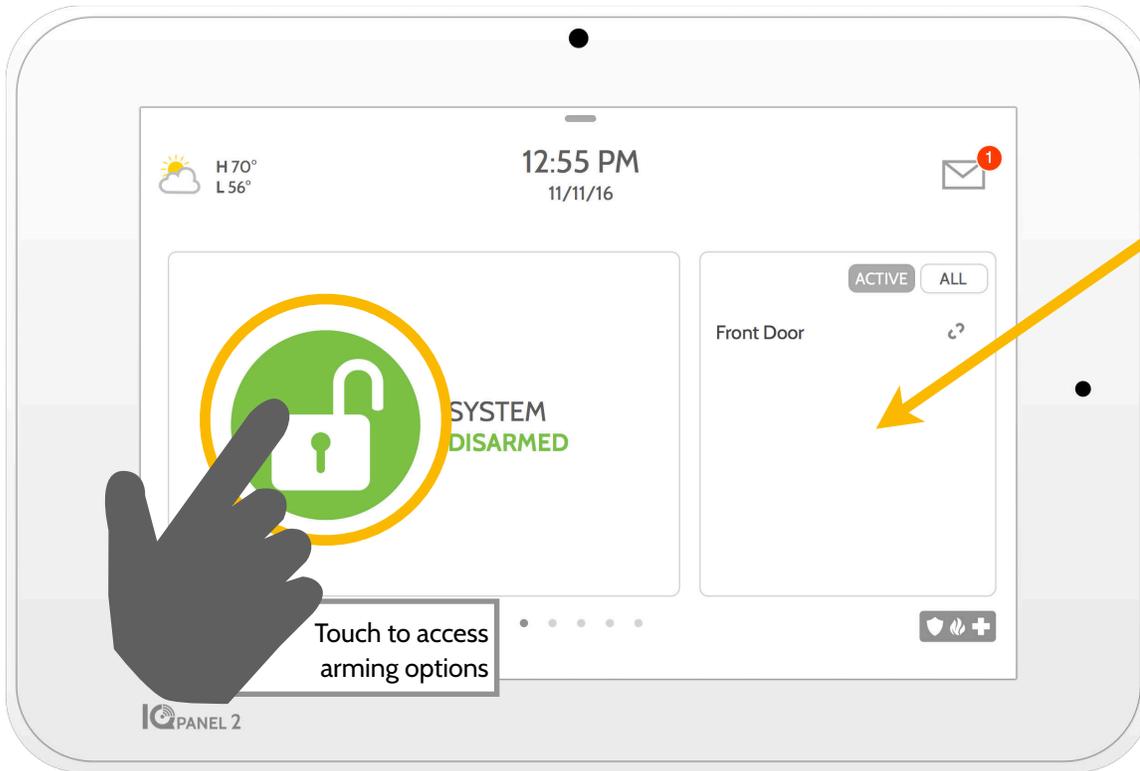
Sensor List

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:

Icon	Status
⌇?	Open
⊘	Closed
⇛🏃	Active
🧍	Idle
?	Unreachable
⚡	Tampered

Screen 1:
H 70° L 56°
12:55 PM
11/11/16
SYSTEM DISARMED
ACTIVE | ALL
Front Door
Touch to access arming options
IQ PANEL 2

Screen 2:
SMITH HOME DISARMED
ALL
e Sensors
ARM STAY | ARM AWAY
See add'l options by touching the ">>" icon on the right

Screen 3:
SMITH HOME DISARMED
BYPASS | ACTIVE | ALL
Front Door
Living Room Motion
ARM STAY | ARM AWAY
EXIT SOUNDS — ON
ENTRY DELAY — ON
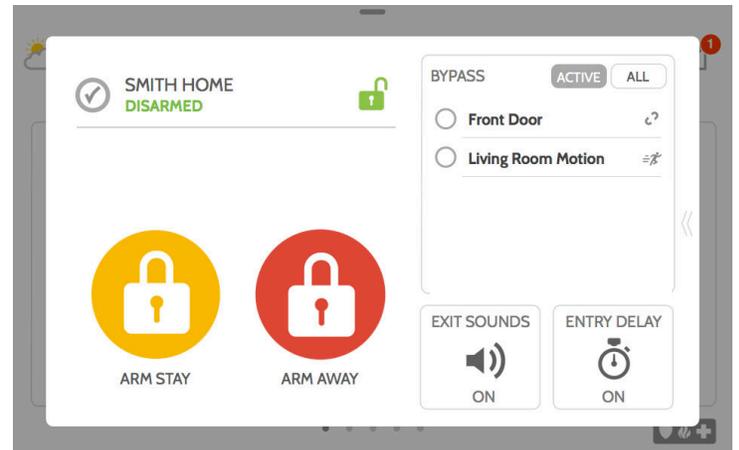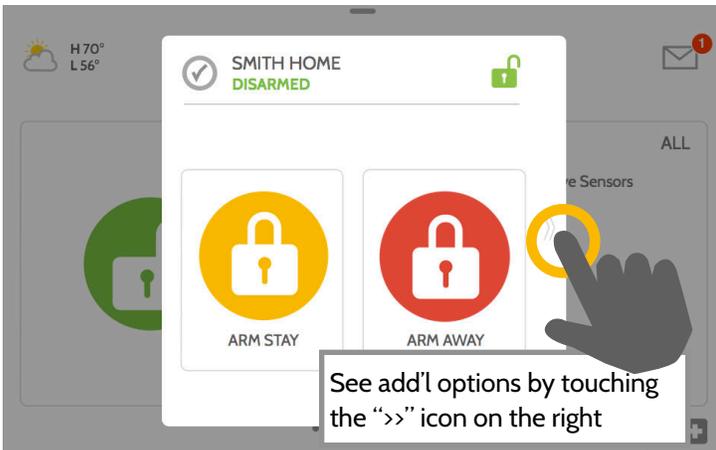
Arming Options

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.

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Touch to disarm panel manually

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

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

ALARM.COM

Security System

System
Armed Away

No active sensors
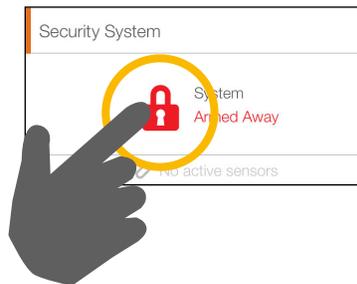
Disarming Automatically
You can connect your smartphone using Bluetooth and it will automatically disarm your IQ Panel from an "Armed Away" state when it comes within range. To connect a phone, follow the steps shown.

You can connect up to five (5) smartphones for touchless disarming. You may need to enable this setting in your Bluetooth settings.

Note: Remote disarming has not been evaluated by UL/cUL

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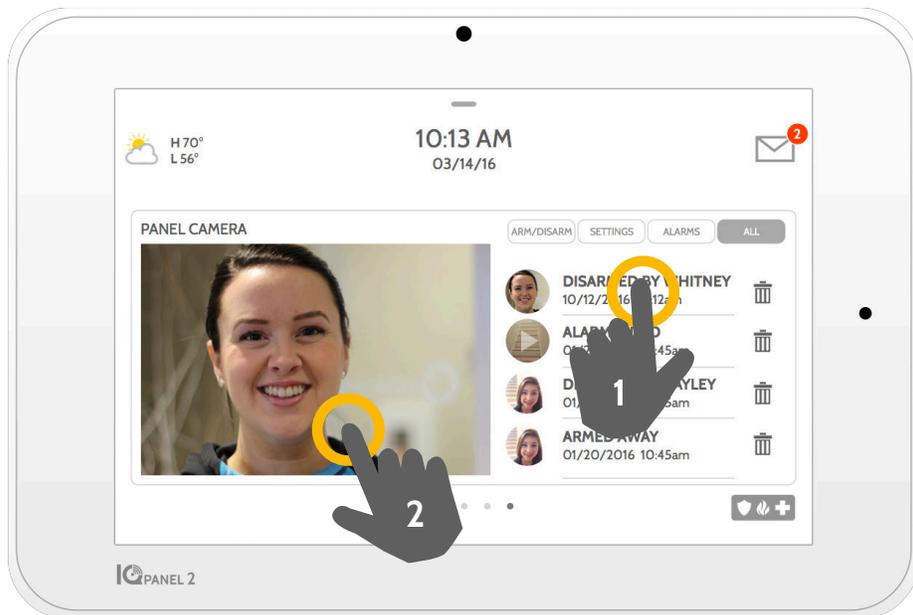
1- View Photo

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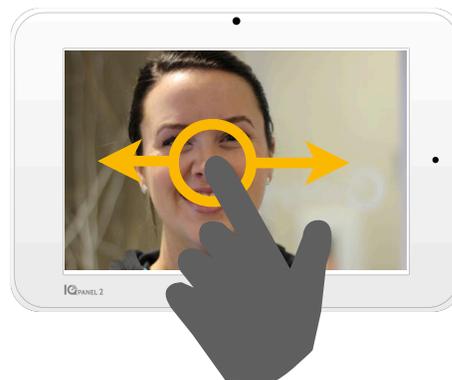
Note: While viewing photos full screen you can swipe left/right to view additional photos

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

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

Click the "Image Sensor" tab

Click "Rules & Alerts"

Capture Alarm And Disarm Images
When the panel goes into alarm, or the panel is locally disa... Panel camera image

Click "Capture Alarm And Disarm Images" to customize

Note: For supplementary use only, not part of the Fire and Security system

SETTINGS

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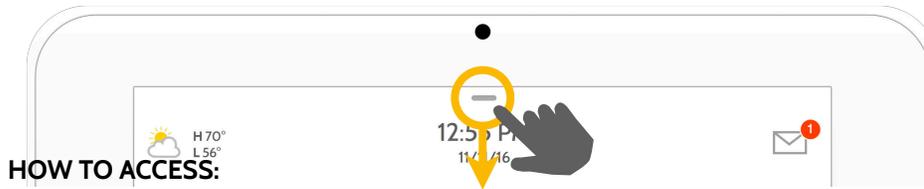
HOW TO ACCESS:

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

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
-LTE 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

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*)

SOUND   DISPLAY   SD CARD   WEATHER TEMPERATURE   STATUS

Z-WAVE DEVICES STATUS   OTHER Z-WAVE DEVICES   AUTOMATION   ACTIVITY MONITOR   ADVANCED SETTINGS
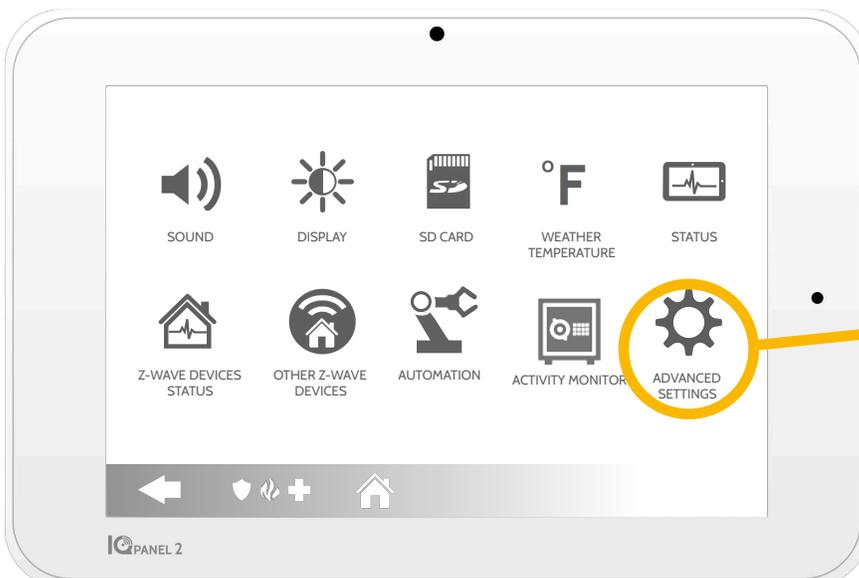
Settings Page
From here you can adjust individual sound settings, change your weather temperature from Fahrenheit to Celsius, see the status of your security and smarthome devices, and more.

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.
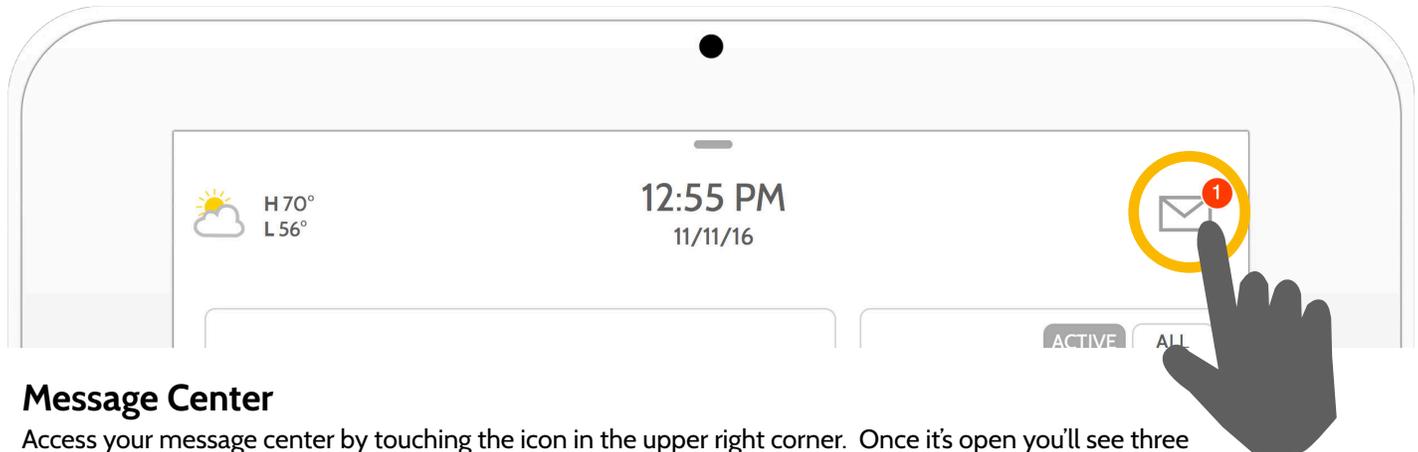
Message Center

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)
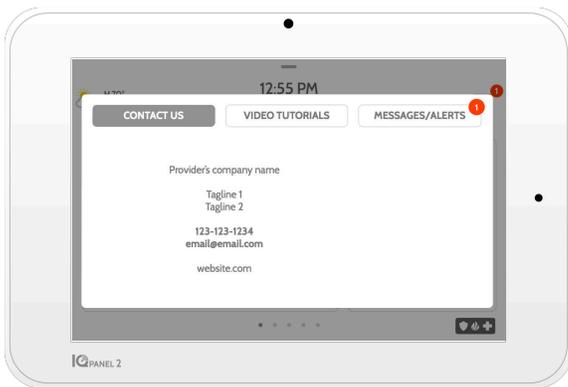
Contact

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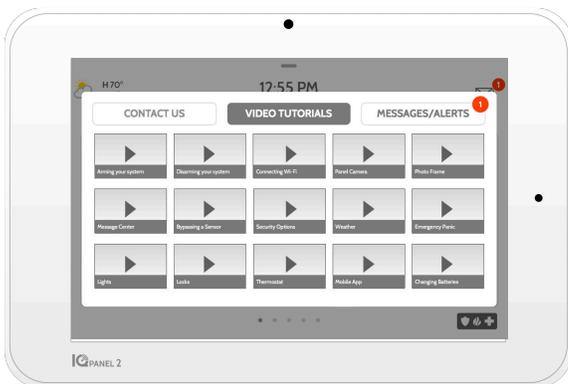
Video Tutorials

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.
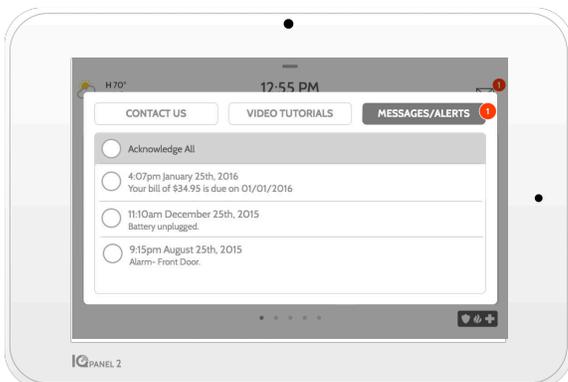
Messages/Alerts/Alarms

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"

IQ PANEL 2
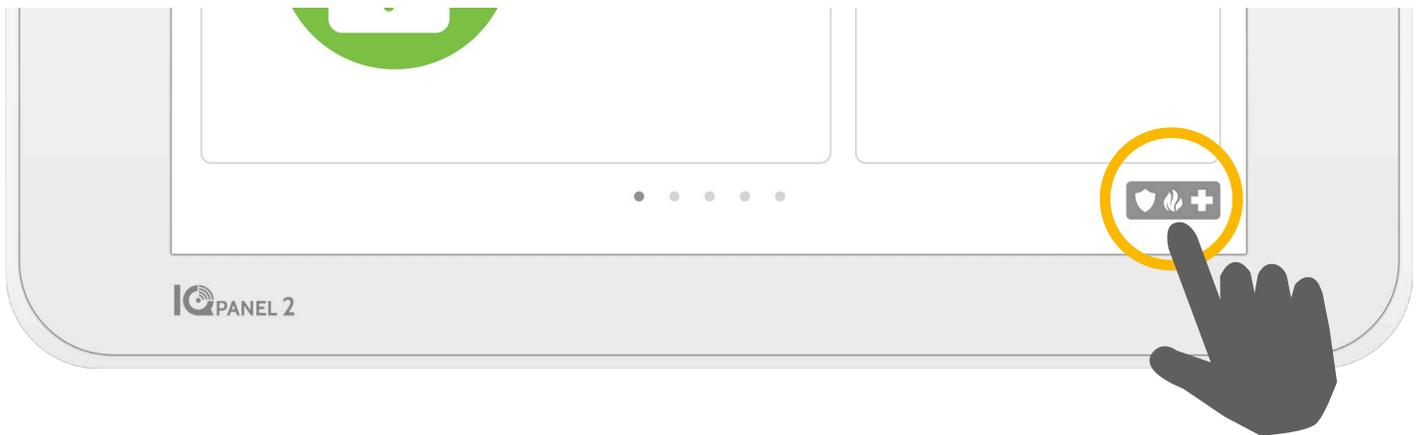
Emergency Panic

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.

POLICE
TOUCH TO TRIGGER
SECURITY PANIC
SILENT ALARM

FIRE
TOUCH TO TRIGGER
FIRE PANIC

EMERGENCY
TOUCH TO TRIGGER
EMERGENCY PANIC
SILENT ALARM

To send a police or emergency panic without sounding the siren, using the "Silent Alarm" at the bottom of the screen
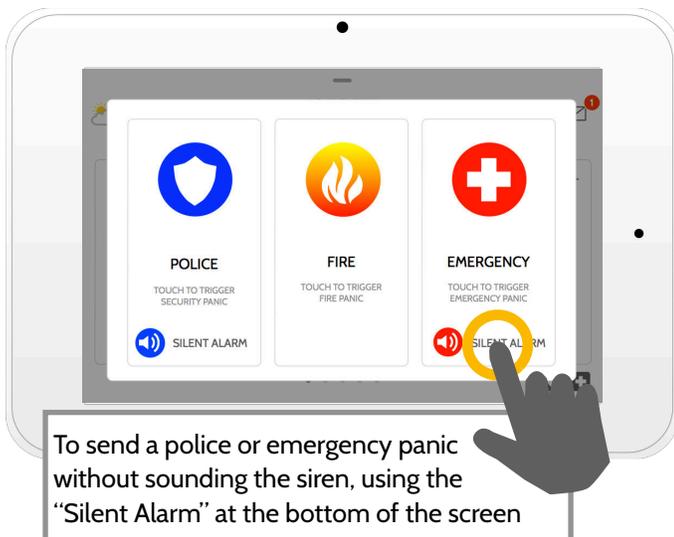
Alarm Types

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.

X
Cancel

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

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"

➕ ADD

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

5 Choose either "Add" or "Replace"
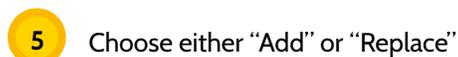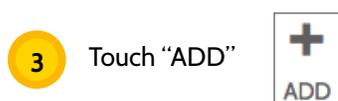
➕ Add: Does not delete the photos already on the panel, only adds the photos you selected

🔁 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
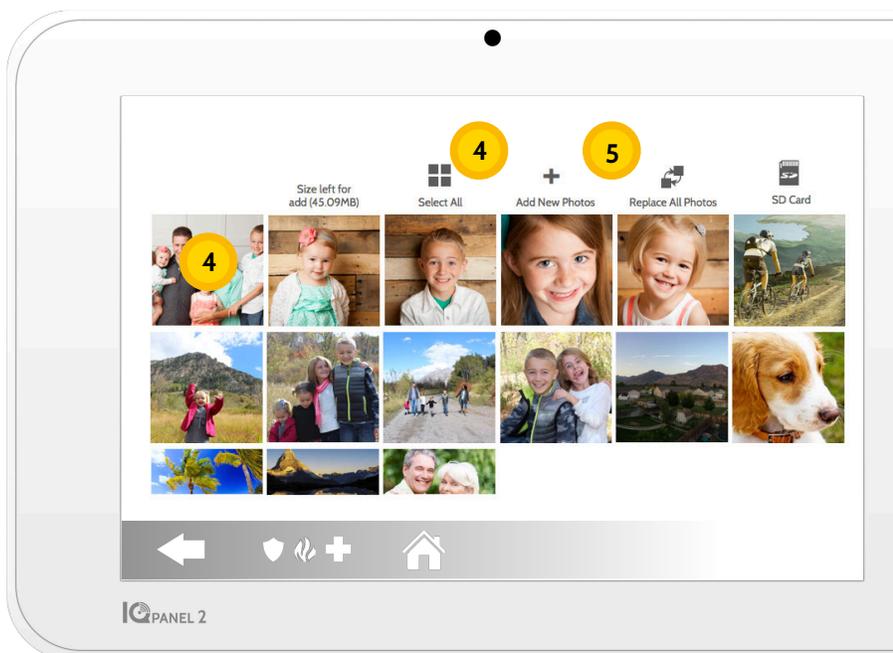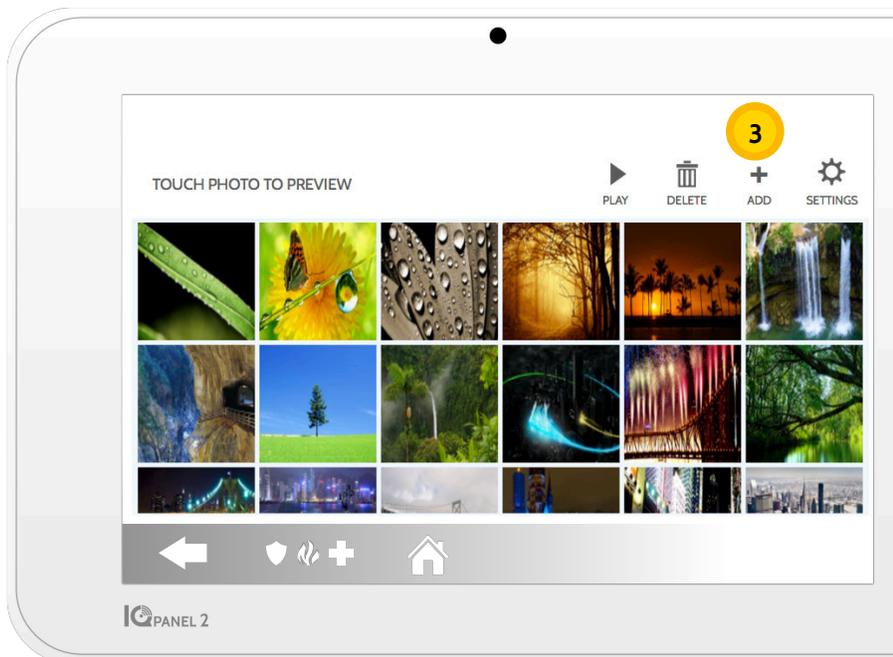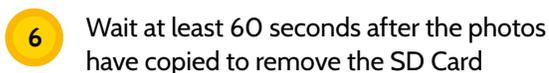
Delete

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

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User Types

You can add up to 242 users to your system, each with a custom name and access level 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
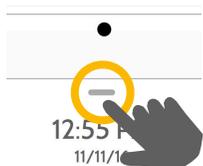
Step 1:
Swipe down to access settings tray

12:55 P
11/11/1

Step 2:
Touch "SETTINGS"

Step 3:
Touch "ADVANCED SETTINGS"

Step 4:
Enter your code*

Step 5:
Touch "User Management"

Step 6:
Add User | Touch "Add User"

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

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

Add User

IQPANEL 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.

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How to Change Sensor Names
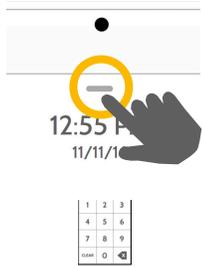
Step 1:
Swipe down to access settings tray

12:55 PM
11/11/1

Step 2:
Touch "SETTINGS"

Step 3:
Touch "ADVANCED SETTINGS"

Step 4:
Enter master code

Step 5:
Select the sensor you want to customize

Step 6:
Touch "Edit Sensor"

Touch:
Touch the sensor name to bring up a pop-up box of preset names or select "custom description" to name the sensor yourself

Sensor DL ID   1

Sensor Name   Door Sensor

Chime Type   None

Voice Prompts   On

Custom Description
Front Window
Front Door
Back Door
Back Window

SecurityRF-319

SAVE

H 0°
L 0°

4:03 PM
06/02/16

Sensor DL ID   1

Sensor Type   Door Sensor

Sensor Name   Custom Description   Click Here

Chime Type   None

q w e r t y u i o p
a s d f g h j k l
z x c v b n m ! ?
?123 ,   .

IQ PANEL 2
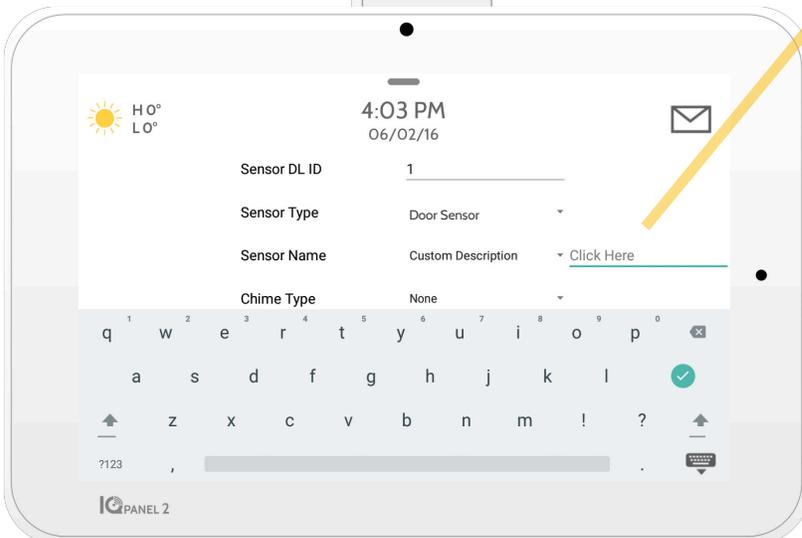
Custom Description:
Type in any name of up to 24 characters of letters and numbers for a more customized experience

SAVE

Reminder:
Be sure to touch the save button to ensure your sensor changes are saved

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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/LTE Test
Run this test if your panel seems to have lost it's 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 it's 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
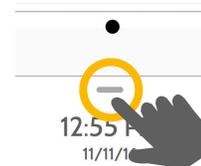
Step 1:
Swipe down to access settings tray

12:55 P
11/11/1

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

12:55 PM

| CONTACT US | VIDEO TUTORIALS | MESSAGES/ALERTS |

Provider's company name

Tagline 1
Tagline 2

123-123-1234
email@email.com

website.com

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