INSTALLATION MANUAL

The DSC Touch is a 7" touchscreen built with an Android operating system, providing full security and smarthome functionality in an easy to use interface.
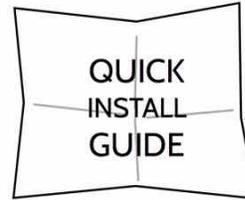
INCLUDED IN BOX

DSC Touch

Power Supply

QUICK INSTALL GUIDE

SUPPORT

?

QUESTIONS?

Contact us us at
800-387-3630 or
tech@dsc.com

This manual covers the following models of DSC Touch Alarm System:
- SCW9067C (CDMA model)
- SCW9067H (HSPA model)
Reference to DSC Touch throughout this manual applies to all these models unless stated differently.

ABOUT THIS GUIDE

This document outlines the basic hardware specifications and software directions to install and customize the DSC Touch. 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 DSC Touch User Guide. The information contained is confidential and proprietary, and is solely owned by DSC. Any reproduction, modification or distribution without permission is strictly prohibited.

TABLE OF CONTENTS

DSC

CONTENTS

HARDWARE

DSC

EXTERIOR FRONT

Panel Camera

7" LCD Resistive Touch Screen

Emergency Button

Microphone

Home Button

DSC

EXTERIOR BACK

Mounting holes

Cooling Vents

Mounting plate

SD Card Slot

Two-Way Voice Speaker

Rear access opening

Panel Sounds Speaker

Siren

INTERIOR

Cellular Antenna

Tamper Switch

Battery*

Terminal Block

Two-Way Voice Speaker Connector

Battery Connector*

Image Sensor Radio

Cellular Module

*Note:
HSPA Models will contain a SIM card*

Panel Speaker Connector

Z-Wave Radio

Microphone Connector

*CAUTION The battery should NEVER be disconnected without following proper power-down procedures *(page 92)* Failure to comply may result in data corruption, panel failure, and a void of the manufacturer's warranty

WIRING DIAGRAM

Note:
Only DCIN-, DCIN+ terminals evaluated by UL/cUL. Other terminal connections have not been evaluated by UL/cUL.

Note: Do not connect the plug in adapter to a switched outlet.

Normally
Open
Contacts

4.7k

4.7k

Hardwire Piezo Siren
Supervised bell output
6-12 VDC @ 120 mA max

BUZZER +
BUZZER –
EXT 2+
EXT 2 –
EXT 1+
EXT 1 –
DCIN –
DCIN +
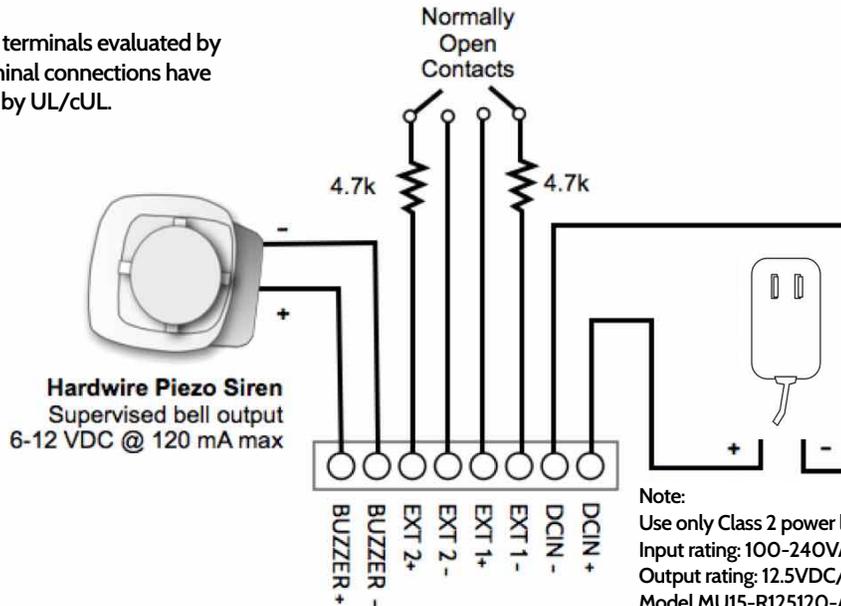
Note:
Use only Class 2 power limited power supply
Input rating: 100-240VAC, 50/60Hz, 1A
Output rating: 12.5VDC/1.2A
Model MU15-R125120-A1 (P/N MU15-R1125-A00S) for USA
Model MU15-R125120-A1 (P/N MU15-R1125-A01S) for Canada

DSC

INSTALLING THE BACK PLATE

Remove the retainer screw and place in a safe location

Remove the back plate from the panel by pulling downward from the top

Secure one corner of the plate in the desired location, be sure to position rear access opening over the location of your wire

Ensure the plate is level and secure to wall with appropriate mounting hardware *(not provided)*

DSC

POWERING THE PANEL

Hang the panel's suspension strap on the hook mounted to the back plate.

CAUTION: Once connected, DO NOT unplug the battery without following proper power down procedures *(page 92)*. Disconnecting the battery may result in data corruption or panel failure and a void of the manufacturer warranty.
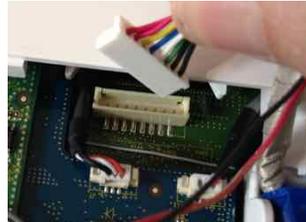
Plug in battery connector
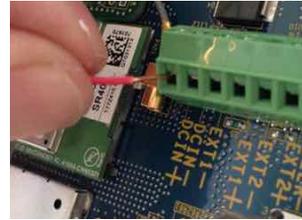
Connect power supply wire to terminal block.
Red- DCIN +
Black- DCIN-

IMPORTANT: To ensure proper power at the panel, 18AWG wire, no longer than 25 feet, should be used between the Panel and the Power Supply.
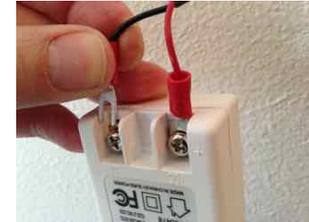
Connect the wire to Power Supply terminals.
Red- Positive
Black- Negative

IMPORTANT: Reversing polarity on these wires may cause damage to the panel.

DSC

MOUNTING THE HARDWARE

Fasten power supply mounting tab to receptacle. Note: The power supply model with mounting tab shall be used only for installations in USA. For installations in Canada use only the power supply model without the mounting tab.

Slide bottom of panel up to the back plate and tilt upward until it snaps in place.

Replace retainer screw and tighten

Wait up to 3 minutes for the DSC Touch to fully boot up.

SOFTWARE

DSC

HOME SCREEN OVERVIEW

FIND IT

The home screen is divided into three sections. The header shows the date, time and is color coded to show current status. The primary user interface contains the panel apps, and the footer holds settings, help, and the dealer contact portal.

Header or "Status" Bar _____

Primary User Interface _____

Footer or "Help" Bar _____

January 07, 2015	SYSTEM READY - DISARMED	Wed - 11:30 AM

PRESS TO ARM   WEATHER   CAMERA

H44°   L24°

STATUS (3)   HOME CONTROL   APPS

SETTINGS   HELP   CONTACT US

Home

SOFTWARE

DSC
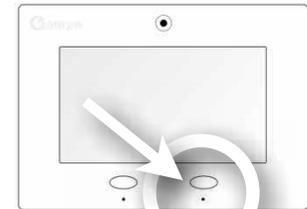
HEADER OR "STATUS" BAR

The header or "Status" bar shows the date, time and is color coded to show the current system status.

| June 03, 2014 | SYSTEM READY - DISARMED | Tue - 08:26 AM |

The **green** header is labeled "System Ready – Disarmed" which indicates that all of the sensors are closed and the system is ready to be armed.

| June 03, 2014 | SYSTEM NOT READY - DISARMED | Tue - 08:33 AM |

The **yellow** header is labeled "System Not Ready – Disarmed" which indicates that one or more of the sensors are tampered or open. Touch the bar to see a list of these sensors.

| June 03, 2014 | SYSTEM ARMED - STAY MODE | Tue - 08:36 AM |

The **orange** header is labeled "System Armed-Stay Mode" which indicates that non-bypassed doors and windows are armed.

| June 03, 2014 | SYSTEM ARMED - AWAY MODE | Tue - 08:36 AM |

The **red** header is labeled "System Armed-Away Mode" which indicates that ALL non-bypassed sensors are armed.

Green LED when disarmed
Red LED when armed

The panel's "Panic" and "Home" buttons also illuminate to show panel status. These LED lights will NOT illuminate if the panel is running on battery only

FOOTER

The footer bar contains Settings, Help and Contact Us (dealer contact portal).

Settings
Access panel installation and customization options. This area requires a valid Dealer, Installer or Master code and provides varied access by user permission level.

Help
Access video tutorials, FAQs, and URLs for other documentation.

Contact Us
Access dealer/security provider contact information including phone numbers, website and e-mail address for support and service. (content pushed automatically from dealer's Alarm.com account)

SETTINGS

FIND IT

To access Settings you must enter a code, however only the Dealer and Installer code has access to installation options. **The Master Code does NOT have access to the installation menu.**

Please enter user code

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
Clear	0 +	⌫

Cancel

Default Dealer Code

5555

Access to all functions to install and customize the panel and peripherals as well as Master Reset and Dealer Contact.

Default Installer Code

5555

Access to all functions to install and customize the panel and peripherals

Default Master Code

1234

Access to limited functions, including editing sensor names, camera app, user management, and connecting to Wi-Fi

Settings

DSC
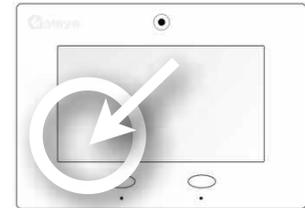
SETTINGS MENU

Settings Menu accessed through the Installer Code:

5555

Settings Menu accessed through the Dealer Code:

5555

FIND IT
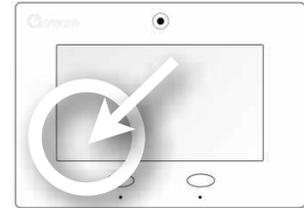
Settings

☑ **Installer Code Access**
☑ **Master Code Access**

INSTALLATION

INSTALLATION

FIND IT

Installation	SYSTEM READY - DISARMED	Wed - 01:21 PM

Security Account   Security Sensors   Home Control Settings   Home Control Devices   Timer

Sound   System Logs   Upgrade Software   Siren and Alarms   Security and Arming

Camera Settings

BACK
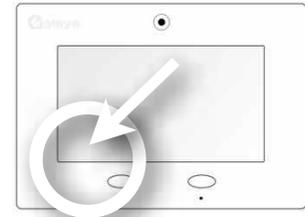
Settings

Installation

☑ Installer Code Access
☐ Master Code Access

SECURITY ACCOUNT

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
Power Management Sleep Timeout	1	Panel initiates power management mode a specified number of minutes after last touch
Power Restoration	Disabled	Turn on or off sensor hold for 60 seconds during power restoration.
Loss of Supervisory Signals for Emergency Sensors	4	Select the length in hours (4) before reporting a loss of supervision on life safety devices.
Loss of Supervisory Signals for Non Emergency Sensors	24	Select the length in hours (24) before reporting a loss of supervision on security devices
Loss of AC Power Timeout	3	Select the length in minutes (1-10) before reporting an AC power loss.
Loss of Cell Signal Timeout	30	Select the length in minutes (10-120) before reporting a loss in cellular signal.

FIND IT
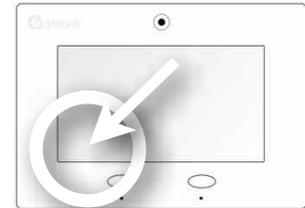
Settings

Installation

Security Account

☑ Installer Code Access
☐ Master Code Access

Note: For UL/cUL, the wireless supervision window for Emergency sensors (Smoke detectors, CO detectors) shall be set to 4h.

DSC®

SECURITY ACCOUNT

Setting	Default	Description
Entry/Exit delays limits	Disabled	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 Note: for UL/cUL set entry delay to 45 sec. and for UL set exit delay to max 120 sec. and for cUL set exit delay to 60 sec.
Weather Temperature	F	Select the temperature format. (Fahrenheit or Celsius)
Languages	English	Select a panel language. All settings and menus will change except videos. (English, French and Spanish)
Favourite Languages	English/ Spanish	Select your favourite languages. This setting determines what 2 languages the bi-lingual toggle uses in the Apps section. Favourite 1 is the primary language on the panel, favourite 2 is the secondary language. (English, French and Spanish)
IQ2 Panel	Enabled	Enable or Disable the ability to pair an IQ2 secondary panel.
Jam Detection*	Disabled	When enabled the system can detect when an unusual amount of RF signals are being transmitted leading to a potential panel malfunction. This will report to the central station and handled accordingly.
Jam Detection Local Alarm*	Disabled	When enabled the system will sound a local alarm. "Jam Detection" must be active for this to function properly.

FIND IT
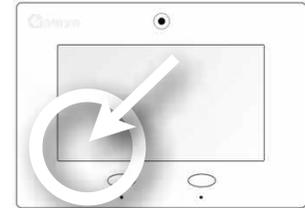
Settings

Installation

Security Account

* Additional options available only through the Dealer Code.

☑ **Installer Code Access**
☐ **Master Code Access**

DSC

SECURITY ACCOUNT

FIND IT

Setting	Default	Description
RF Jam Sensitivity Level*	High	Choose between HIGH and LOW sensitivity levels.
Open/Close Reports Allowed For Auto Learn	Disabled	Rather than sending a tamper to auto learn a sensor, enabling this will allow an open/close of the sensor to trigger auto learn
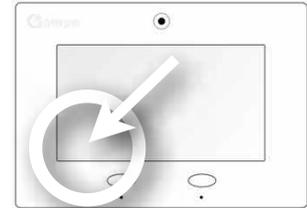
Settings

Installation

Security Account

* Additional options available only through the Dealer Code.

☑ Installer Code Access
☐ Master Code Access

SECURITY SENSORS

Security Sensors
Add, edit or remove up to 64 security or life safety devices. 5 of which being allocated for image sensors. *Note: image sensors functionality has not been investigated by UL/cUL. This is a supplementary feature that does not interfere with mandatory life safety and security protection operation of the alarm system control unit.*

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 Sensor
Remove sensor

Sensor Status
Monitor sensor status in realtime.

Sensor Group
Quick reference to all sensor groups and their actions

FIND IT
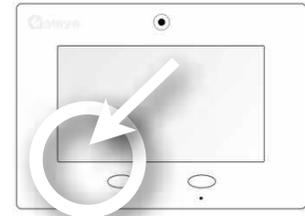
Settings

Installation

Security Sensors

☑ **Installer Code Access**
☐ **Master Code Access**

AUTO LEARN SENSOR

FIND IT
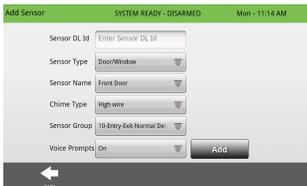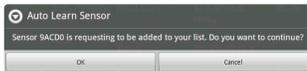
1. Select "Auto Learn Sensor"

2. Open and close or tamper a sensor to enroll. Image sensors have a 2 min enrolling window.

Auto Learn Sensor
Sensor 9ACD0 is requesting to be added to your list. Do you want to continue?

| OK | Cancel |

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

Add Sensor	SYSTEM READY - DISARMED	Mon - 11:14 AM
Sensor DL Id	Enter Sensor DL Id	
Sensor Type	Door/Window	
Sensor Name	Front Door	
Chime Type	High wire	
Sensor Group	10-Entry-Exit-Normal Del	
Voice Prompts	On	Add

BACK

4. Use drop down menus and "smart" filters to program Sensor Group, Chime etc..

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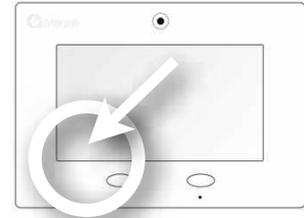
Settings

Installation

Security Sensors

Auto Learn Sensor

☑ Installer Code Access
☐ Master Code Access

ADD SENSOR

FIND IT

Sensor DL Id	Enter Sensor DL Id

Sensor Type	Door/Window ▼
Sensor Name	Front Door ▼
Chime Type	High wire ▼
Sensor Group	10-Entry-Exit-Normal Del ▼
Voice Prompts	On ▼

Add

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

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

3. Choose **sensor type** from list

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

5. Choose **chime type** from list

6. Indicate **sensor group** from list

7. Indicate whether you want **voice prompts** on or off

8. Click "Add New" to save the information and complete the process.
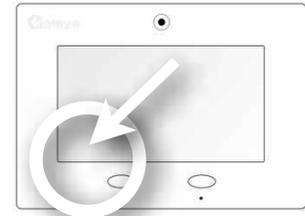
Settings

Installation

Security Sensors

Add Sensor

☑ **Installer Code Access**
☐ **Master Code Access**

SENSOR TYPES

FIND IT

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
Heat
Water
Shock Sensor
Freeze
Tilt
Image Sensor
Door Bell
Smoke-M
Door/Window-M
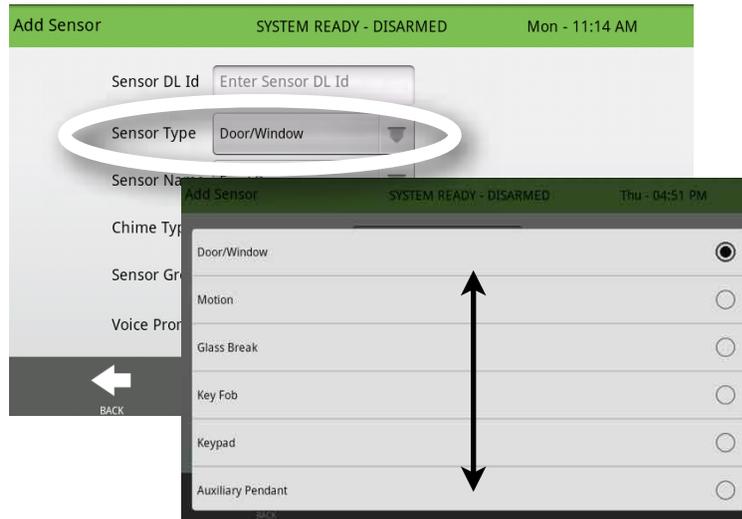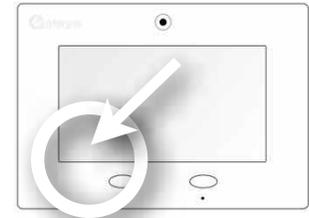
Add Sensor	SYSTEM READY - DISARMED	Mon - 11:14 AM

Sensor DL Id — Enter Sensor DL Id

Sensor Type — Door/Window

Sensor Name

Chime Typ

Sensor Gr

Voice Pro

BACK

Add Sensor	SYSTEM READY - DISARMED	Thu - 04:51 PM

Door/Window ⦿
Motion ○
Glass Break ○
Key Fob ○
Keypad ○
Auxiliary Pendant ○

BACK

Settings

Installation

Security Sensors

AutoLearn Sensor

☑ Installer Code Access
☐ Master Code Access

SENSOR NAME

FIND IT

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.
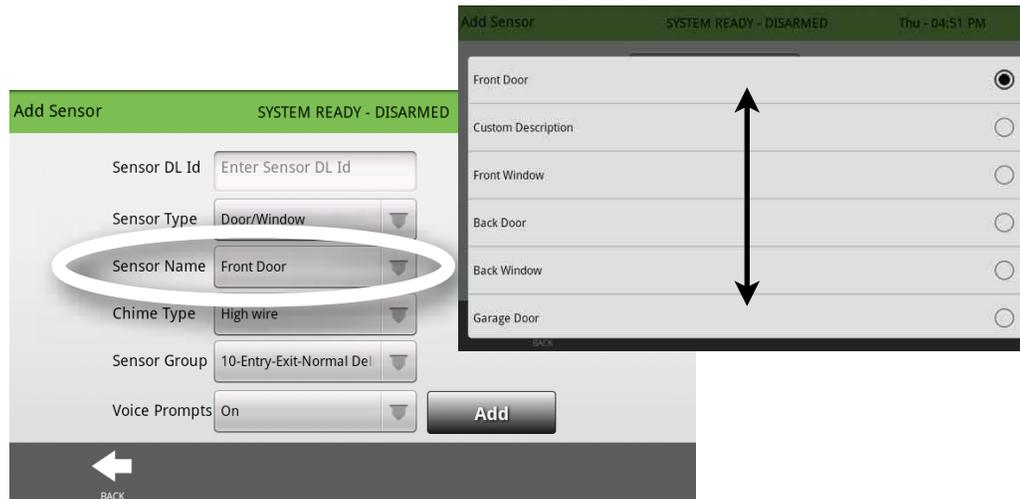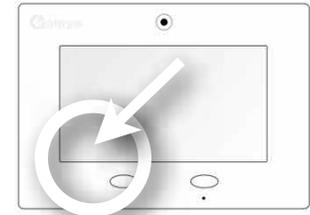
Add Sensor	SYSTEM READY - DISARMED	Thu - 04:51 PM
Front Door		●
Custom Description		○
Front Window		○
Back Door		○
Back Window		○
Garage Door		○

Add Sensor	SYSTEM READY - DISARMED
Sensor DL Id	Enter Sensor DL Id
Sensor Type	Door/Window
Sensor Name	Front Door
Chime Type	High wire
Sensor Group	10-Entry-Exit-Normal Del
Voice Prompts	On

Add

BACK

Settings

Installation

Security Sensors

AutoLearn Sensor

☑ Installer Code Access
☐ Master Code Access

DSC

SENSOR NAME: CUSTOM DESCRIPTION

FIND IT

When you select "Custom Description" as your sensor name the keyboard will appear. Type in the desired name (up to 24 characters, alphanumeric only, no special characters) and click "Done." The name will appear in the field next to "Sensor Name."
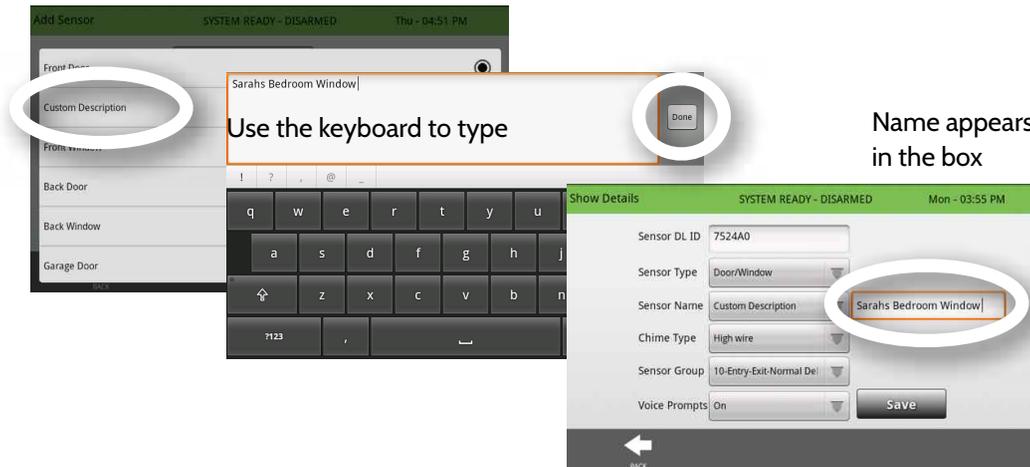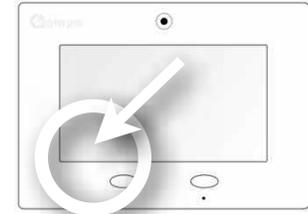
Use the keyboard to type

Done

Name appears in the box

Settings

Installation

Security Sensors

AutoLearn Sensor

☑ Installer Code Access
☐ Master Code Access

DSC

CHIME TYPE

FIND IT

Because of the dynamic nature of the way the DSC Touch pairs and understands each individual sensor, you can program each 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 button and choose from the list.
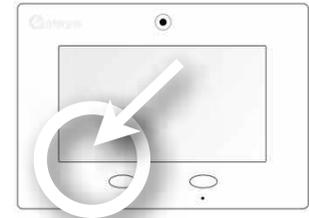
🔧	**Settings**
🔨	**Installation**
🛡️	**Security Sensors**
➕📶	**AutoLearn Sensor**
☑️	**Installer Code Access**
☐	**Master Code Access**

INSTALLATION

DSC

SENSOR GROUP

Customizing the sensor group will change the behavior of the panel. Sensor groups are tied directly to your sensor type, so only the groups available for that type of sensor will be displayed. To edit sensor group, touch the "Sensor Group" button.

You can find a full list of sensor groups on the panel inside the "Sensor Group" app under "Security Sensors."

You can also find descriptions of how these sensor groups behave on the following pages.

FIND IT

Settings

Installation

Security Sensors

AutoLearn Sensor

☑ Installer Code Access
☐ Master Code Access

SENSOR GROUPS

DSC

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.
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

DSC

DOOR/WINDOW

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 "Safety Sensors" are 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 "Safety Sensors" is active, regardless of panel status.
9	Delayed Reporting Safety Sensor	Y	This sensor reports to the central station and triggers an alarm when "Safety Sensors" is active, regardless of panel status. This sensor has an entry delay.

DSC

MOTION/IMAGE SENSOR

GROUP	NAME	SUPERVISED	SCENARIO
17	Away- Instant 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.
15	Stay- Instant Motion	Y	Also active when armed to "Stay", and trips instantly when motion is detected. Does **not** trip if an entry/exit sensor is tripped first.
35	Stay- Delay Motion	Y	Also active when armed to "Stay". 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 "Away". Triggers an entry delay 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 "Safety Sensors" are active, regardless of panel status. Used for medicine cabinets, chemical storage etc.

DSC

GLASS BREAK

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

KEY FOB

GROUP	NAME	SUPERVISED	SCENARIO
1	Mobile Intrusion	N	**Worn or carried**, the button(s) is/are programmed to trigger a **police panic**
6	Mobile Auxiliary	N	**Worn as a wrist watch or pendant, the button(s) is/are programmed to trigger an auxiliary panic. UL NOTE: Medical functionality has not been evaluated by UL/cUL.**
4	Fixed Auxiliary	Y	Installed in a fixed location such as night stand, the button(s) is/are programmed to trigger an auxiliary panic. UL NOTE: Medical functionality has not been evaluated by UL/cUL.

DSC

KEYPAD

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. UL NOTE: Hold-up functionality has not been evaluated by UL/cUL.
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**

DSC

AUXILIARY PENDANT

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.
1	Mobile Intrusion	N	**Worn or carried**, the button(s) is/are programmed to trigger a **police panic**
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**
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**
4	Fixed Auxiliary	Y	Installed in a **fixed location** such as night stand, the button(s) is/are programmed to trigger an auxiliary panic

DSC

SMOKE DETECTOR/HEAT

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

CO DETECTOR

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

DSC

HARDWIRE TRANSLATOR

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

WIRELESS TRANSLATOR

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

SENSOR GROUPS

DSC

WATER

GROUP	NAME	SUPERVISED	SCENARIO
38	Water Sensor	Y	Triggers and alarm when sensor detects presence of water. UL NOTE: flood sensor functionality has not been evaluated by UL/cUL.

Please note: When selecting "Water" you will see two additional options under "Sensor Sub-Type"
For multi-function sensors select "Multi-Function-1", for all others, select "Flood-2"

SHOCK

GROUP	NAME	SUPER VISED	SCENARIO
13	Shock-Glass-Break	Y	Arms and trips Shock Sensor immediately when armed to both "Stay" and "Away"
17	Glass-Break-Away Only	Y	Arms and trips Shock Sensor Immediately when armed only to "Away"

Please note: When selecting "Shock" you will see two additional options under "Sensor Sub-Type"
For Shock select "IQ Shock", for all others select "Other Shock"

SENSOR GROUPS

DSC

FREEZE

GROUP	NAME	SUPERVISED	SCENARIO
52	Freeze	Y	Triggers and alarm when sensor detects low temperatures. UL NOTE: temperature sensor functionality has not been evaluated by UL/cUL.

TILT

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 does not report or trigger an alarm. This is a chime only sensor when "Safety Sensors" are active, regardless of panel status. Great for detached garage/shops. UL NOTE: Functionality in conjunction with garage door openers has not been evaluated by UL/cUL.

DSC

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 "Safety Sensors" are active, regardless of panel status. great to automate with Image Sensor and notifications etc.

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 multi-sensor smoke.

DSC

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

DSC

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 "Safety Sensors" are 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 "Safety Sensors" is active, regardless of panel status.
9	Delayed Reporting Safety Sensor	Y	This sensor reports to the central station and triggers an alarm when "Safety Sensors" is active, regardless of panel status. This sensor has an entry delay.

DSC

VOICE PROMPT

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." To change this simply touch the Voice Prompt button and make the desired adjustment (on/off).

With the DSC Touch you can toggle each of these on or off for each individual sensor, leaving voice prompts on some doors while turning them off on others.

NOTE: Sensors programmed as "Safety Sensors" will also audibly report when they have been closed.

FIND IT
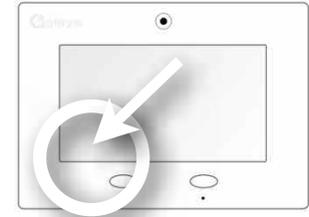
Settings

Installation

Security Sensors

AutoLearn Sensor

☑ **Installer Code Access**
☐ **Master Code Access**

For Supplementary Use Only, not Part of the Fire, CO and Security System.

INSTALLATION

DSC

HOME CONTROL SETTINGS

**FIND IT**

Home Control Settings allow an installer to set a maximum number of Z-Wave devices allowed on the DSC Touch in all categories. *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.*

Setting	Default	Description
Thermostats	3	Maximum number of supported Thermostats is 5
Smart Sockets	5	Maximum number of supported IQ Smart Sockets is 18
Lights	5	Max number of supported Z-Wave light modules is 30
Door Locks	6	Maximum number of supported Z-Wave Door Locks is 6
Other Devices	5	Maximum number of misc Z-Wave devices is 10
Allow Master Code Z-Wave Settings	Disabled	Allow Master User Code to access Z-Wave Settings
Allw Master Code Z-Wave Management	Disabled	Allow Master User Code to access Z-Wave device installation settings
Z-Wave	Enabled	Activate or deactivate Z-Wave radio

UL Note: Additional Z-Wave devices other than what has been indicated as maximum limits have not been evaluated by UL/cUL.
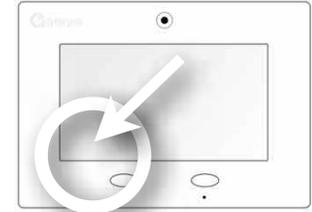
Settings

Installation

Home Control Settings

☑ Installer Code Access
☐ Master Code Access

For Supplementary Use Only, not Part of the Fire, CO and Security System.

INSTALLATION   DSC

HOME CONTROL DEVICES

Home Control Devices
Add, Edit, Clear and remove Z-Wave peripherals in Home Control Devices.

Add Device
Pair new devices

Edit Device
Make changes to existing devices

Clear Device
Clears or resets the memory of a Z-Wave device. (Requires you touch the "Pair" button on the device)

Delete Device From Panel
Remove a Z-Wave device from the DSC Touch's memory (does not require you to have the device)

Remove All Devices
Delete all Z-Wave devices from the DSC Touch's memory

Rediscover Network
Re-establishing connection to devices on the Z-Wave network.

Neighbor Info
Displays which neighboring Z-Wave devices help establish a connection to the panel.

Z-Wave Counters
Shows # Z-Wave commands by category

FIND IT

Settings

Installation

Home Control Devices

☑ Installer Code Access
☐ Master Code Access

INSTALLATION

DSC

ADD DEVICE

FIND IT

1. Select "Add Device"

Pair 2. Touch "Pair"

Searching for Devices
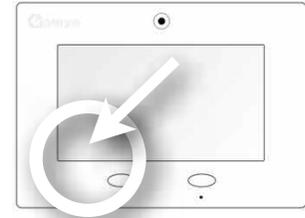Press the learn or pair button to add a device.
Cancel

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

Smart Socket	SYSTEM READY - DISARMED	Wed - 02:27 PM
Id	9	
Type	Smart Socket	
Name	Custom Name	Sarahs Bedroom Oulets
Left Socket	Custom Name	Click Here
Right Socket	Custom Name	Click Here
	Add	
BACK		

4. Adjust the sensor information by touching the fields and making the appropriate selections.

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

Settings

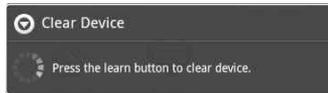Installation

Home Control Devices

WAVE

Add Device

☑ Installer Code Access
☐ Master Code Access

CLEAR DEVICE

FIND IT

Clears Z-Wave device from a network, whether it was enrolled with another controller previously or the DSC Touch.

⊖ Clear Device

Press the learn button to clear device.

Touch "Clear Device"

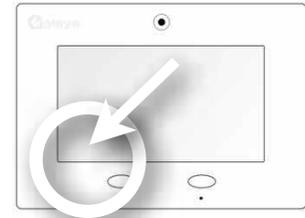Panel will start sending a "Clear" signal

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

Panel returns to Home Control 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.

Settings

Installation

Home Control Devices

Clear Device

☑ **Installer Code Access**
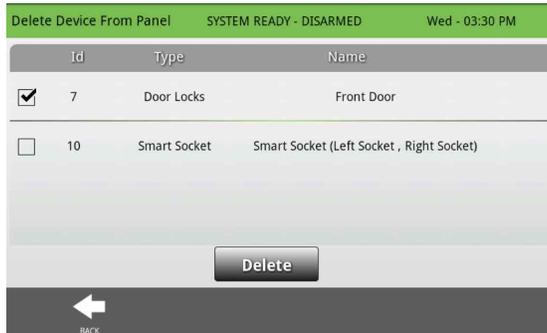☐ **Master Code Access**

DELETE DEVICE FROM PANEL

FIND IT

Deletes Z-Wave device from the panel. This does not clear the device's memory. Before adding the device to another network see instructions on how to "Clear" a Z-Wave device.

Touch
"Delete Device
From Panel"

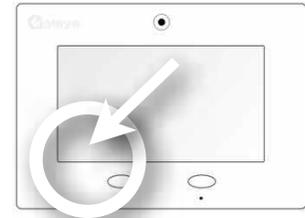| Delete Device From Panel	SYSTEM READY - DISARMED		Wed - 03:30 PM
Id	Type	Name	
☑ 7	Door Locks	Front Door	
☐ 10	Smart Socket	Smart Socket (Left Socket , Right Socket)	

Delete

Delete

← BACK

Touch "Delete"

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

Settings

Installation

**Home Control
Devices**

**Delete Device
From Panel**

☑ **Installer Code Access**
☐ **Master Code Access**

DSC®

REMOVE ALL DEVICES

FIND IT

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

Home Control Devices SYSTEM READY - DISARMED Wed - 01:19 PM

Add Device Edit Device Clear Device Delete Device From Panel Remove All Devices

This function will delete all Home Control devices from the panel. Are you sure you want to continue?

Yes Cancel

BACK

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

Settings

Installation

Home Control Devices

Remove All Devices

☑ Installer Code Access
☐ Master Code Access

REDISCOVER NETWORK

FIND IT

Rediscover network if a Z-Wave device has been moved, removed or added to the panel. This helps remap and optimize the Z-Wave mesh network.

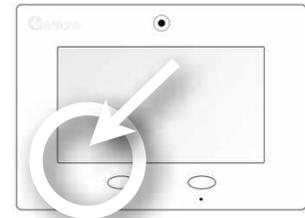Check the box next to the device(s) you want to rediscover

☑ Id	Name	Status
☑ 10	Smart Socket	

Touch "Rediscover"

Rediscover

When complete the status will log date and time of completed rediscovery

☐ Id	Name	Status
☐ 10	Smart Socket	Rediscovery ended Today, 4:03 pm

Settings

Installation

Home Control Devices

Rediscover Network

☑ Installer Code Access
☐ Master Code Access

DSC

NEIGHBOR INFO

FIND IT

Neighbor info shows which devices depend on another to connect to the panel. This information can help you determine when a repeater may be needed. The more neighbors a device has the more paths it has to communicate with the panel.

Neighbor Info	SYSTEM READY - DISARMED	Wed - 01:16 PM
Id	Name	Neighbor Info
4	Back Door	View
5	Front Door	View
6	Thermostat	
7	TV Smart Socket	
8	Shelf Smart Socket	

BACK

Neighbor nodes for Back Door (4)

7 : TV Smart Socket
8 : Shelf Smart Socket
9 : Bedrom Socket 2

Close

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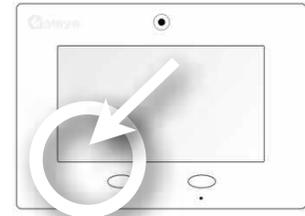
Settings

Installation

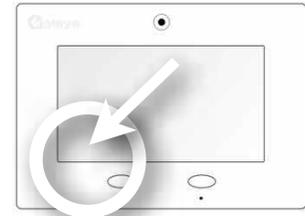**Z WAVE** Home Control Devices

Neighbor Info

COUNTERS

Counters shows commands sent to Z-Wave devices. Acknowledged ("Acked") commands are good. A large amount of Failed commands signifies that the network isn't very efficient or that devices may be out of range. Try rediscovering the network or adding additional

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

Settings

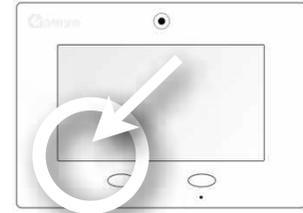**Installation**

Home Control Devices

Counters

☑ Installer Code Access
☐ Master Code Access

TIMER

FIND IT

Change entry and exit delay lengths in the "Timer" app.

Setting	Default	Description
Normal Entry-Exit Delay	Entry: 30 Exit: 60	**Entry Delay:** How much time users have to enter their code after opening a door programmed as an Normal Entry/Exit delay door When SIA Limits enabled: 30 to 240 seconds When SIA Limits disabled: 05 to 240 seconds
Long Entry-Exit Delay	Entry: 100 Exit: 120	**Exit Delay:** How much time users have to exit the location before the panel arms itself. When SIA Limits enabled: 45 to 254 seconds When SIA Limits disabled: 05 to 254 seconds

Note: For UL/cUL, set the entry delay to 45 sec.and exit delay max 120 sec. for UL and max 60 sec. for cUL.

Settings

Installation

Timer

☑ **Installer Code Access**
☐ **Master Code Access**
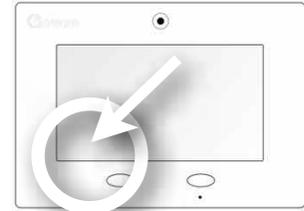
DSC

SOUND

FIND IT

The DSC Touch sound settings can be found here as well as inside the "apps" section of the panel on the home screen. Master Code has access to this section as well as installer code.

Setting	Description
Volume	Controls the master volume for the entire panel and all its audible functions (except siren) including tones, videos, voice chimes, etc
Edit Chimes	Allows you to select from various chimes for each individual device.
Voice Settings	Indicates whether the panel should "speak." Sensors, Panel messages, Safety Sensors, and home control device actions can all be toggled independently. *(unchecking a box disables the individual feature, unchecking the primary box disables all)*
Chime Settings	Indicates whether the panel should emit tones/beeps. Sensors, Panel and Safety Sensors can all be toggled independently. *(unchecking box disables feature)*

Note: the DSC Touch also sounds a Piezo siren in three different tone patterns based on police, fire, or medical emergencies. The priority of the alarms is as follows: Fire, CO Alarm, Burglary. Siren is not controlled in the "sound" settings.

Settings

Installation
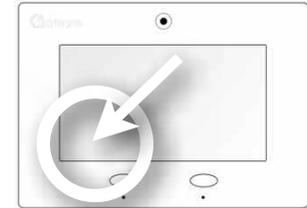
Sound

☑ **Installer Code Access**
☑ **Master Code Access**

DSC®

SOUND

Setting	Description
All Trouble Beeps	Toggles all sensor and panel trouble beeps on or off
Sensor Low Battery	Panel sounds when a sensor's battery is low. Chime type and frequency are set below.
Sensor Tamper Beeps	Panel sounds when a sensor is tampered. Chime type and frequency are set below.
Panel Trouble Beeps	Panel sounds when tampered or opened. Chime type and frequency are set below.
Edit Trouble Beep Chimes	Select the chime type for Sensor Low Battery, Sensor Tamper, and Panel Tamper.
Trouble Beeps Timeout	Determines the amount of time between each trouble beep. Length can be set between 3-60 mins. (default is 60 mins). Note: for UL/cUL the maximum time between trouble beeps shall be set to 1 minute.

FIND IT

Settings

Installation

Sound

☑ Installer Code Access
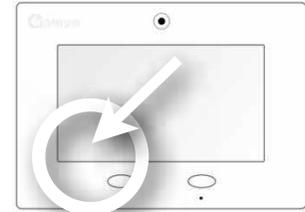☑ Master Code Access

DSC

SYSTEM LOGS

FIND IT

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 it's activity to the server. This information is used to troubleshoot bugs and diagnose panel problems. The panel will upload any logs saved in it's memory
Auto Upload Logs	Disabled	Automatically upload the system's log to the servers every 2 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

Settings

Installation

System Logs

☑ **Installer Code Access**
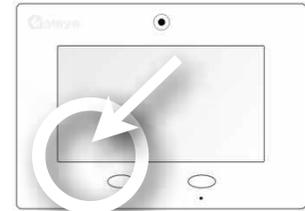☐ **Master Code Access**

DSC®

UPGRADE SOFTWARE

Upgrade the panel software using Wifi, Cellular or an SD Card. Note: for UL/cUL, remote software uploading is not allowed

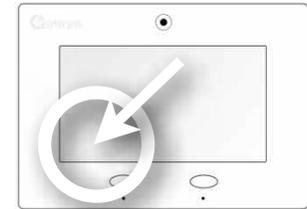| Setting	Description
Delete All Sensors and Devices	Erases all security sensors and Z-Wave devices from the panel.
Master Reset*	Erases all content and settings and restores panel to factory defaults
Reset Panel With Last Backup Image*	The panel will be restored with the most recent backup image used.
Upgrade Using Network	Search the network for updates and install new software
IQ2 Panel Upgrade Using Network	Search the network for updates and install new software for IQ2 secondary tablets paired with the primary
Upgrade Using SD Card	Search an inserted SD Card for updates and install new software
Patch Tag	A code corresponding to a specific software update on the server.
Automatic Upgrade	Allow the panel to update it's software as new versions become available. Note: For UL/cUL, automatic upgrade is not allowed.
Automatic Upgrade Interval	Determines interval DSC Touch will look for software updates. *(Default 24 hrs)*

FIND IT

Settings

Installation

Upgrade Software

* Additional options available only through the Dealer Code.

☑ **Installer Code Access**
☐ **Master Code Access**

DSC

SIREN AND ALARMS

| Setting	Default	Description
Disable Siren	Disabled	Turn internal piezo siren (and external siren, if connected) on or off. UL Note: for UL/cUL the Siren is not allowed to be turned off to not operate. This will not disable panics.
Siren Annunciation	Disabled	Panel siren pauses periodically to announce which locations have triggered the alarm. UL Note: for UL/cUL this feature is not allowed for Fire, CO, Burglar Alarm.
Fire Verification	Disabled	When disabled, fire alarm is triggered with a single fire event from smoke detector. When enabled, panel requires two fire events from smoke detector (one detector twice or two detects once each)
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. UL NOTE: this functionality has not been evaluated by UL/cUL..
Alarm Transmission Delay	: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: :05 to :254 seconds. Note: maximum delay for UL/cUL shall be set for 30 sec.
Siren Timeout	5 min	Determine how long before siren stops sounding during an alarm event (4 minutes to 8 minutes). For UL/cUL the minimum bell time out shall be set to 5min.
Water/Freeze Siren	Enabled	When enabled, siren will sound when a water or freeze detector is triggered. When disabled, the panel emits a "water" tone.
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.

FIND IT

Settings

Installation

Siren and Alarms

☑ Installer Code Access
☐ Master Code Access

DSC

SECURITY AND ARMING

FIND IT

Setting	Default	Description
Installer Code	5555	Code to access all options.
Duress Authentication	Disabled	Toggle whether or not to allow duress codes
Secure Camera	Disabled	Require user code to access camera app
Secure Delete Images	Enabled	When enabled, a code is required to delete disarm and image sensor photos.
Secure Arming	Disabled	Require user code for arming panel. Note: this option shall be enabled for UL/cUL.
Refuse Arming When Battery Low	Disabled	Will not allow panel to arm if battery is low (below 30%)
Auto Bypass	Enabled	Toggle whether or not to bypass open or tampered sensors automatically. Note: Not for use shall be disabled for UL/cUL.
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
Arm Stay No Delay:	Enabled	Arm stay immediately with no countdown timer
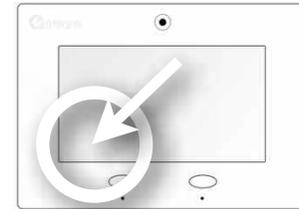
Settings

Installation

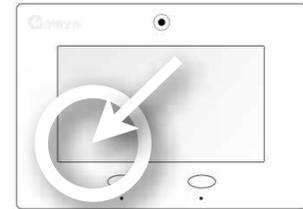**Security and Arming**

☑ Installer Code Access
☐ Master Code Access

DSC

SECURITY AND ARMING

FIND IT

|		
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 and entry delays if keyfob is used to arm the system.
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.

Settings

Installation

Security and Arming

☑ Installer Code Access
☐ Master Code Access

CAMERA SETTINGS

FIND IT

Setting	Default	Description
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 an alarm is triggered the panel will take 2 photos. One when the alarm has been triggered and the second at the end.
Allow Master Code to Access Image Settings	Disabled	Allow the master code to access these features and settings
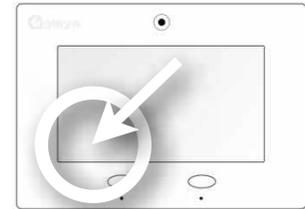
Settings

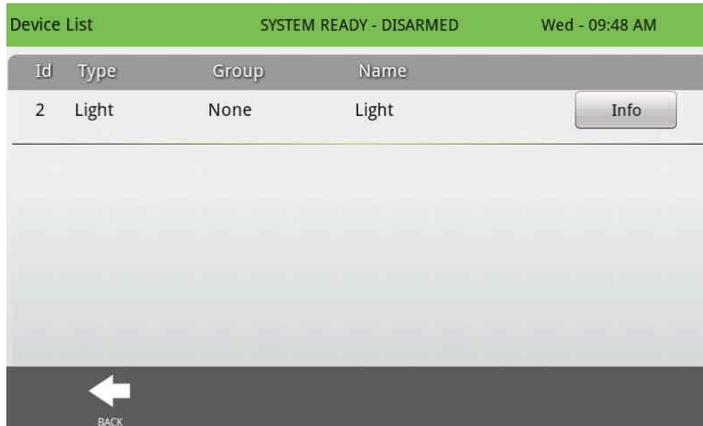**Installation**

Camera Settings

☑ Installer Code Access
☐ Master Code Access

DEVICE LIST*

FIND IT

DEVICE LIST
Shows device specific information for programmed Home Control devices.

Device List	SYSTEM READY - DISARMED		Wed - 09:48 AM
Id	Type	Group	Name
2	Light	None	Light

By pressing "Info" you will find the following information for that selected device.

Manufacture Id
Product Info
Protocol Info
Application Info
Supported Command Class
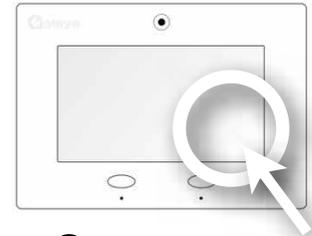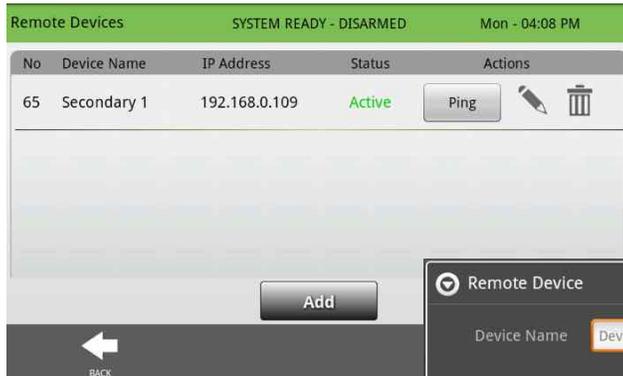

Settings

Device List

* Additional option available only through the Dealer Code.

IQ2 DEVICES

FIND IT

Up to 3 IQ2 secondary tablets can be pared with the IQ Panel.

No	Device Name	IP Address	Status	Actions
65	Secondary 1	192.168.0.109	Active	Ping

Remote Devices — SYSTEM READY - DISARMED — Mon - 04:08 PM

Add

BACK

Remote Device

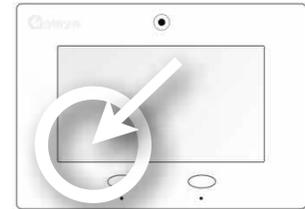Device Name: Device Name

IP Address: IP Address

Save | Cancel

To add a new IQ2 device:
1- Touch "Add New"
2- Name the device
3- Enter the IP Address* located in "More" then "About" on the IQ2 secondary tablet)
4- Touch "Save"

*Note: Both the primary and IQ2 secondary must be connected to the same wi-fi network

Settings

IQ2 Devices

☑ Installer Code Access
☐ Master Code Access

DUAL PATH

FIND IT

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

Dual-Path	SYSTEM READY - DISARMED	Thu - 01:29 PM

Dual-Path Configuration Options

Dual-Path Wi-Fi Test   Wi-Fi Status: Scanning

Start   Cancel   ☑ Dual-Path Control

Dual-Path is Enabled; using cellular and Wi-Fi

← BACK

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

You can also run a 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 its connection all the way back to Alarm.com.
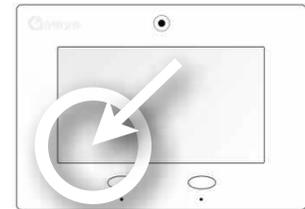
SCW9067C and SCW9067H are compatible with the following UL/ULC listed monitoring station receivers: SG-System I/II/III/IV/5. NOTE: Wi-Fi is for supplemental use only for UL/cUL

Note: The DSC Touch must be connected to a wi-fi network to enable Dual Path

Settings

Dual Path

☑ **Installer Code Access**
☐ **Master Code Access**

SYSTEM TESTS

DSC

SYSTEM TESTS

FIND IT

System Tests
There are several tests you can run to ensure the system is operating properly.

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

Sensor Test
Test the panel's communication with individual security sensors

Cellular Test
Test the panel's connection to the cellular network

Image Sensor Config
Test the panel's connection to Image Sensors

Home Control Test
Test the panel's communication with individual Z-Wave devices
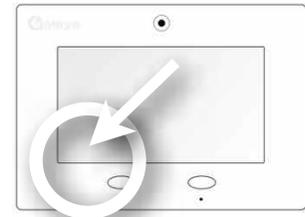
Panel Test
Runs through a full diagnostic of every panel system

IQ2 Devices Test
Runs a connectivity test with connected IQ2 secondary

Settings

System Tests

☑ Installer Code Access
☑ Master Code Access

DSC

WI-FI TEST

FIND IT

Wi-Fi Test
The Wi-Fi test checks the DSC Touch's connection to your network. Before running this test, be sure to connect the panel to the network. See "customization" section for directions on connecting to Wi-Fi.

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

Test Name	Test Result	Test Time	
Wi-Fi			Run

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

Test Name	Test Result	Test Time	
Wi-Fi	Pass (72 Mbps)	01:42 pm, Jul 02,2014	Run

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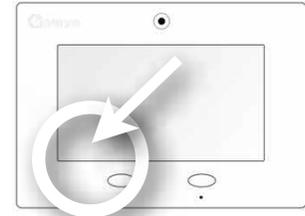
Settings

System Tests

Wi-Fi Test

☑ **Installer Code Access**
☑ **Master Code Access**

SENSOR TEST

FIND IT

Sensor Test
The panel can test it's connection and communication to the individual security sensors. Before running this test there must be at least one security sensor paired with the system.

Sensors connected to the panel will appear on the screen. Tamper or open a sensor to test. (refer to individual sensor documentation for instructions if needed.)

The panel will audibly report and display test results for the sensor being tested.
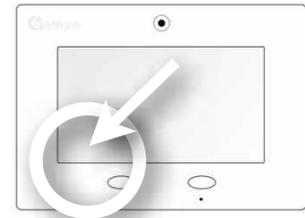Green (pass) or Red (fail).

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

Excellent	3+ RF packets received
Pass	1 - 2 RF packets received
No Signal	No RF packets received

No	ID	Name	Result	Last Run Time
1	7524A0	Front Door	Pass	02:59 pm, Sep 08,2014
2	6FEFAA	Office Door	Pass	02:59 pm, Sep 08,2014

Settings

System Tests

Sensor Test

☑ **Installer Code Access**
☑ **Master Code Access**

DSC

CELLULAR TEST
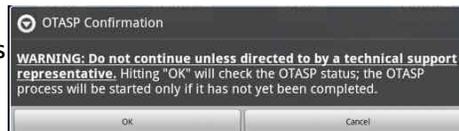
FIND IT

Cellular Test
Test the panel's built-in cellular radio connection. You must first activate the radio through alarm.com prior to this test.

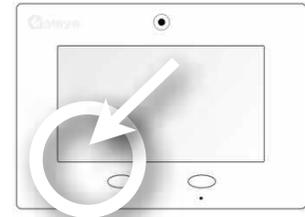To begin the test press "Start" and watch for the results on the screen.

Cellular Test	SYSTEM READY - DISARMED	Tue - 11:01 AM
Cellular Test		OTASP
Start	Cancel	Start	Cancel

PRL: Unknown
PKG: Unknown

Cellular radio test started. Please wait...
Cellular wireless path tested successfully. Call Central Station to check reports if needed.

OTASP
The OTASP function is used to register the built in CDMA module with the Verizon network. This should already have been completed at the factory and if attempted will generate a pop up warning. The OTASP option will not appear on a

OTASP Confirmation

WARNING: Do not continue unless directed to by a technical support representative. Hitting "OK" will check the OTASP status; the OTASP process will be started only if it has not yet been completed.

OK   Cancel

Settings

System Tests

Cellular Test

☑ **Installer Code Access**
☑ **Master Code Access**

DSC

IMAGE SENSOR CONFIG

FIND IT

Image Sensor Config
Test the image sensor's connectivity with the panel to ensure they are communicating properly and are able to take photos.

Choose an Image Sensor to Test:

Number of Image Sensors: 2	Daughterboard Information
View settings for:	Firmware version: 104.2
60 -- Piano Room IS [View]	MAC: Unknown
	Status: Talking
61 -- Girls Bedroom IS [View]	Library loaded: Yes

Select the desired Image Sensor by touching "View" next to it's name

Sensor Tests

Touch "Sensor Tests"

Select the test you want to run:

PIR Test	**Installer Peek-In**
Click the button below to start a PIR test. This test will help you to confirm whether or not the PIR (passive infrared) detector on the Image Sensor is working properly.	Click the button below to request an installer peek-in on this Image Sensor. The peek-in will not count towards your monthly upload limit.
Start PIR Test	Request Peek-In

PIR Test checks the motion sensor

Request Peek In tests the camera (results appear in the Camera App and on the customer's Alarm.com)
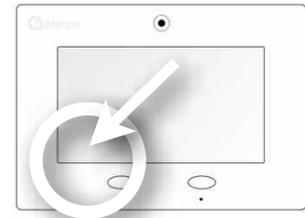
Settings

System Tests

Image Sensor Config

☑ **Installer Code Access**
☑ **Master Code Access**

DSC

HOME CONTROL TEST

FIND IT

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

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

Home Control Test		SYSTEM READY - DISARMED		Thu - 10:23 AM	
Id	Type	Status	Test Time	Result	
2	Light	Normal	10:22 AM, May 07, 2015	Pass	Run
4	Door Lock	Unreachable	10:23 AM, May 07, 2015	Fail	Run

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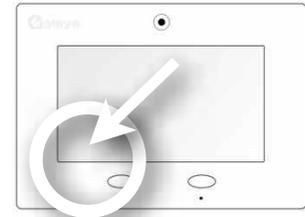
Settings

System Tests

Home Control Test

☑ Installer Code Access
☑ Master Code Access

SYSTEM TESTS

DSC
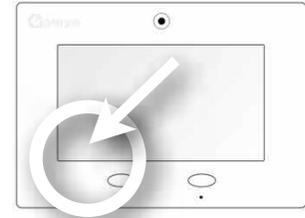
PANEL TEST

FIND IT

Panel Test
The panel can test all its connections and capabilities with this single, easy to use test. Each test can be initiated manually or use the "Run All" button to run all tests at once.

Test Name	Test Result	Test Time	
Arm-Disarm	Pass	04:43 PM, Jan 07, 2015	Run
Camera			Run
Photos			Run
Help Videos			Run

Panel Test — SYSTEM READY - DISARMED — Wed - 04:43 PM

Run All **Clear All**

BACK

Results
Test results are reported as "pass/fail" and are color coded green or red. Under "Test Time" the date and time of the test.

Settings

System Tests

Panel Test

☑ Installer Code Access
☑ Master Code Access

IQ2 DEVICES TEST

FIND IT

IQ2 Devices Test
Runs a connectivity test with connected remote keypads

Note: For UL/cUL the remote keypad has not been evaluated for use.

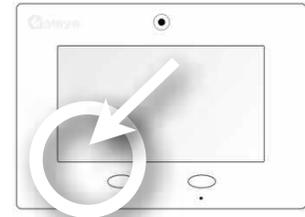| IQ2 Devices Test		SYSTEM READY - DISARMED		Fri - 11:39 AM
No	Device Name	IP Address	Status	Actions
65	IQ2	192.168.0.129	Active	Ping

BACK

Results
Pressing "Ping" on selected device will test the connectivity between the IQ panel and the IQ2.

Note: IQ2 devices connect to the primary panel over Wi-Fi

Settings

System Tests

Remote Devies Test

☑ **Installer Code Access**
☑ **Master Code Access**

CUSTOMIZATION

DSC

SYSTEM SETTINGS

FIND IT

Use system settings to connect to Wi-Fi, adjust sound settings, turn brightness up or down, and safely eject your SD card

Setting	Description
Wireless Settings	Connect to the local network using the panel's Wi-Fi
Sound	Adjust the volume and other sound settings on the panel. *Note: Alarm siren volume cannot be adjusted.*
Brightness	Adjust the brightness of the panel's LCD
SD Card	Display total space, available space and the option to unmount an inserted SD Card
Date & Time	Manually adjust the panel's date and time
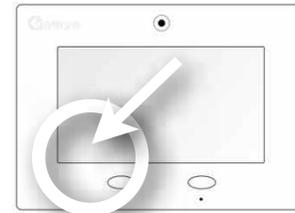
Settings

System Settings

☑ **Installer Code Access**
☑ **Master Code Access**

DSC

HOW TO CONNECT TO WI-FI

FIND IT

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

Touch "Settings" then enter installer or master code.

Touch "System Settings"

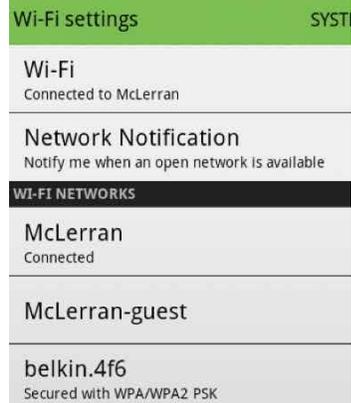Wireless Settings — Touch "Wireless Settings"

Wi-Fi Settings
Select network — Touch "Wi-Fi Settings"

Wi-Fi settings   SYST

Wi-Fi
Connected to McLerran

Network Notification
Notify me when an open network is available
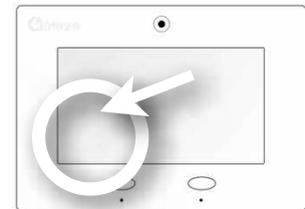
WI-FI NETWORKS

McLerran
Connected

McLerran-guest

belkin.4f6
Secured with WPA/WPA2 PSK

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

Settings

System Settings

Wireless Settings

Wi-Fi Settings
Select network

☑ Installer Code Access
☑ Master Code Access

DSC

WEATHER

FIND IT

TODAY'S FORECAST
Today's forecast is displayed on the weather icon with a graphical representation of precipitation and High and Low temps.

Weather	SYSTEM READY - DISARMED	Thu - 10:52 AM
Extended Forecast		

Thursday	Friday	Saturday	Sunday
Rain Showers 71°F High 46°F Low	Rain Showers 66°F High 43°F Low	Rain Showers 57°F High 42°F Low	Slight Chance of Rain Showers 61°F High 41°F Low

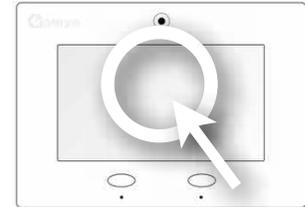← BACK   ? HELP   ☎ CONTACT US

4-DAY FORECAST
Touch the weather icon to get a 4-day forecast. This information is updated once daily via Alarm.com services. (Will not display or update weather connected to wifi only)

LOCATION
Weather reporting is based on location as indicated by the zip code entered into Alarm.com when the account is created.
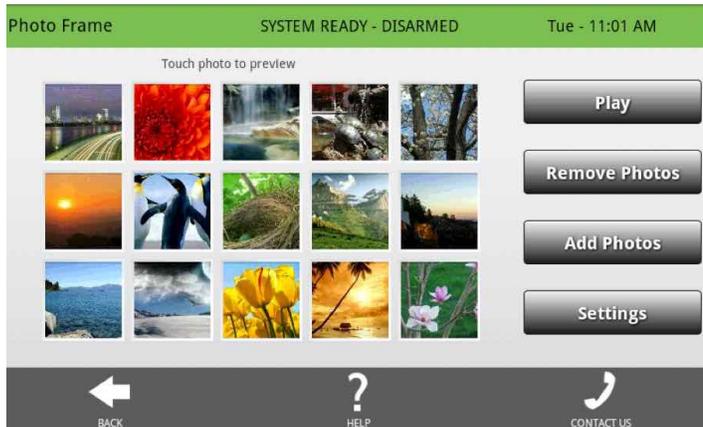
Weather

PHOTO FRAME

FIND IT

PHOTO FRAME
The DSC Touch can be set to display digital photos when not in use. This feature, called "Photo Frame" can be changed or turned off through "Photo Frame Settings"

Photo Frame	SYSTEM READY - DISARMED	Tue - 11:01 AM

Touch photo to preview

Play

Remove Photos

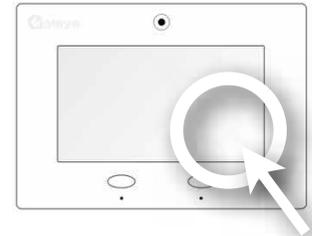Add Photos

Settings

BACK   HELP   CONTACT US

Settings

Display type
Choose a display type for your photo frame. Opt to turn it off completely, scroll through pre loaded images or view a "weather clock"

A   Apps

Photo Frame

DSC

PHOTO FRAME APP BUTTONS

FIND IT

Play

PLAY: Starts Photo Frame immediately. Good for testing photo frame feature appearance and transitions

Remove Photos

REMOVE PHOTOS: Allows you to remove photos one by one or all at once
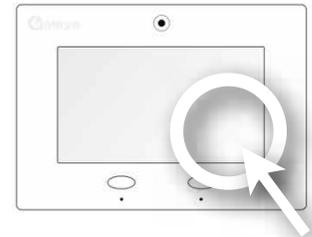
Add Photos

ADD PHOTOS: Add new photos using an SD card or download one of several "Wi-Fi" photo sets using your panel's WiFi connection

Settings

SETTINGS: Change the Photo Frame's "Display Type" from Off to On or enable a "Weather Clock" screen saver. Change transitions, adjust display time, set automatic on/off times and more

A Apps

Photo Frame

DSC

LOAD IMAGES FROM SD CARD

FIND IT

Insert card with the label facing you

To load new images from an SD card:

1- Load photos* onto an SD Card
2- Insert the SD Card into the panel
3- Open the "Photo Frame" app
4- Press "Add Photos"
5- Choose "Replace All Photos" or "Add New Photos"

6- Wait for the images to load
7- Once loaded, you can press "Play" to test.

NOTE: Before removing the SD Card, go to "Settings" then touch "System Settings" then "SD Card" and select "Unmount"

Card will slide all the way in.
To remove, push gently and card will spring out.


**SD Card Slot:
Left side of panel
behind bezel**

Photo requirements:
-JPEG
-800x480 pixels (or less)
-No larger than 1MB each
-No more than 20 images
-Saved in folder entitled "Photos"

DSC

PHOTO FRAME SETTINGS

FIND IT

Item	Default	Description
Duration	1 minute	How long each image will show before transitioning to the next image in the library (1, 2, or 5 minutes)
Effect	Dissolve	Transition effect used between each image (fade to black, dissolve)
Shuffle	Enabled	Display pictures in random or sequential order
Display Type	Photo Frame	Choose what to display on the screen when the panel is not in use. (Off, Photo Frame and Weather Clock)
Photo Frame Start Time	10 minutes	Choose the amount of time to wait after the last touch before starting the selected display type. (5, 10, 15, 20, 25, or 30 minutes)
Automatically turn off display	11:00 PM	Determines the time when the display shuts down completely. (use this feature to turn off the LCD at night)
Automatically turn on display	6:00 AM	Determines the time when the display "wakes up" after sleeping. (use this feature to turn the LCD back on in the morning)

A Apps

Photo Frame

DSC
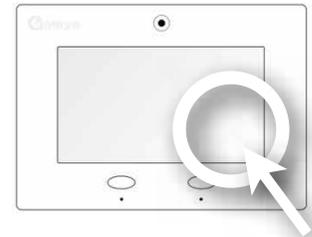
DEALER CONTACT*

FIND IT

DEALER CONTACT

Here you can customize your contact info and determine what you'd like to be displayed in "Contact Us", located on right side of the "Home Screen" footer. Dealer Contact fields allow up to 25 characters, Tag Line 2 allows up to 50.

Dealer Contact	SYSTEM READY - DISARMED	Wed - 09:58 AM
Dealer Name		
Tag Line 1		
Tag Line 2	Please contact your Dealer fo	
Phone		
Email		
Web		**Save**

BACK

Example:

ABC Security
Automation & Security
Atlanta's Preferred
798-123-4567
jondoe@abcsecurity.com
ABCSecurity.com

Settings

DealerContact

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

DSC

CUSTOM NAMES

FIND IT

When pairing a sensor or device for the first time, or going back and editing them later, you can create custom names for your sensors and devices that the panel will both display and "speak" during chimes, alerts, alarm events, and in your text and e-mail notifications.

1. When choosing a name for your sensor or device touch the "Custom Description" field

Front Door	🟢
Custom Description	⦾
Front Window	⦾
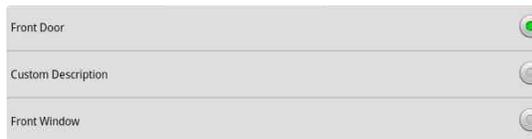
2. The Android keyboard will automatically open. Type the sensor name (24 characters max) and touch "Done"

Sarahs Bedroom Window

Done
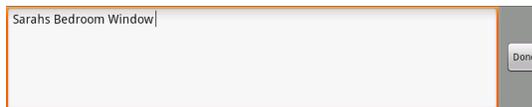
3. Touch "Save" or "Add New" to complete the process and save your changes.

Add
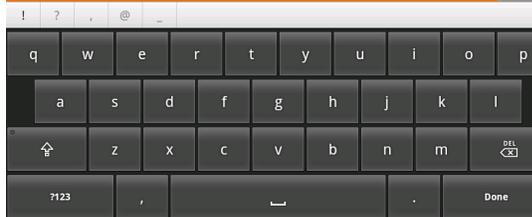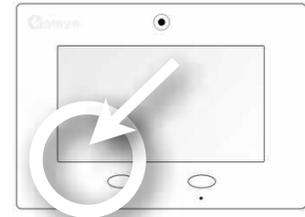
Settings

Installation

Security Sensors*

Edit Sensor

You can also edit the names of Home Control Devices

☑ **Installer Code Access**
☑ **Master Code Access**

DSC

EDIT CHIMES

FIND IT

Sensors or devices paired with the DSC Touch can be assigned a unique tone or chime to help the end-user differentiate between them. For example, you may want to have a separate chime on a pool gate than you do for the front door, or assign a unique tone to the back door so you can distinguish it from the front.

Add Sensor	SYSTEM READY - DISARMED	Thu - 04:52 PM
High Wire		◉
On The Hunt		○
Door Bell		○
Heaven		○
Moon Beam		○
Dear Deer		○
BACK		

Multiple chimes are available and can be accessed from the following areas:
-Sound app
-Add sensor/device
-Edit sensor/device
-Sound settings
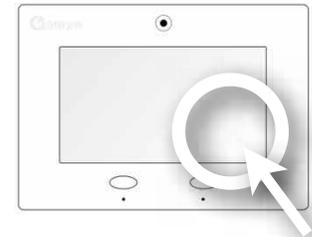
A Apps

🔊 Sound

Edit Chimes
Customize sounds for individual sensors

DSC

USER MANAGEMENT

The DSC Touch can hold up to 242 user codes. Only Dealers, Installers and Master users can access this app and once created you can edit all information but user type (Installer, Master, User, Guest)

| User Type	Access Level	Expires
Dealer	All settings as well as Master Reset and access to change Dealer Contact information.	N/A
Installer	All Settings	N/A
Master	All user-related features and settings, including connecting to Wi-Fi, User Management, Camera, App and Sensor customization	On the date indicated when created (optional)
User	Arming/Disarming, Home Control, Weather, and the Camera App	On the date indicated when created (optional)
Guest	Arming/disarming, Home Control, Weather	On the date indicated when created (optional)
Duress	Disarming (but sends duress signal to security provider) This user will be disabled unless you turn on "Duress Authentication" under "Security and Arming"	N/A

FIND IT
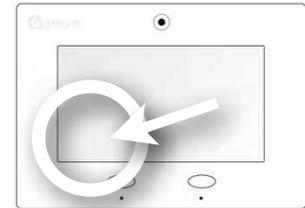
Settings

User Management

☑ **Installer Code Access**
☑ **Master Code Access**

DSC

LOAD HELP VIDEOS

FIND IT

You can customize the DSC Touch with your own help videos using an SD Card. *Note: Videos must have a resolution of 800x480, in MP4 format with a bitrate under 2000 each. All videos combined must be less than 200MB*

Load Help Videos from SD Card

Add
Add the selected files to Help Video list

Replace
Clean up the panel's Help Videos files and copy the selected one

1- Select whether you want to add videos onto your panel (adding them to other available videos) or replace all existing videos with new ones.

OK

2- Choose the videos you want to put on the panel by checking the boxes next to the video name
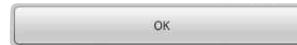
3- Click "OK" to continue. Once complete, the video will appear in your video library

Settings

Load Help Videos

☑ **Installer Code Access**
☐ **Master Code Access**

TROUBLESHOOTING

DSC

ABOUT

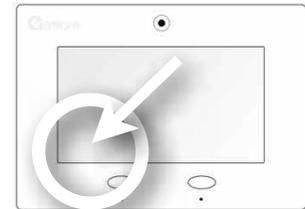| Item	Description
Battery Status	Displays whether the battery is disconnected, charging, or full
Battery level	Displays the battery's charged percentage.
Battery voltage	Displays the battery's voltage in numbers.
Software version	Displays the panels current software version for both the user interface and the alarm.com integration
Linux Version	Displays installed Linux version.
Android version	Displays installed Android version.
Android System Version	Shows which version of the Android system the panel has currently installed
Hardware version	Displays the panel's hardware version.
Manufacturer	Displays Panel Manufacturer.
System PIC Version	Displays the panel's PIC version

FIND IT

Settings

About

☑ **Installer Code Access**
☑ **Master Code Access**

DSC
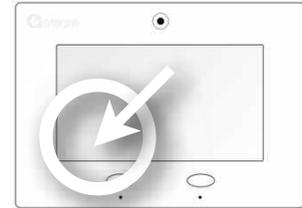
ABOUT

Item	Description
PCA Serial Number	Shows the panel's PCA serial number
ICCI ID	Displays the panel's ICCI ID number
System Part Number	Displays the part number for the device
System Serial Number	Displays the system's serial number
RF PIC Version	Displays the system's RF PIC version
EEPROM Format Version	Displays the system's EEPROM format version
Patch Description	Shows all applied software patches, when they were installed and the status of each. Also shows next check-in time for Auto Upgrade if the Automatic Upgrade option is checked.
Last Upgrade Date	Shows the date and time of the last software update
MAC Address	Displays the panel's individual MAC address

FIND IT

Settings

About

☑ **Installer Code Access**
☑ **Master Code Access**

DSC
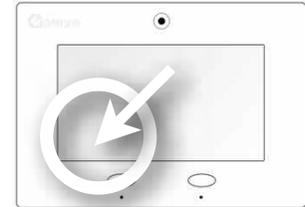
ABOUT

Item	Description
IP Address	Displays the panel's IP Address on your local network (if connected to Wi-Fi)
Panel Up Time	Displays how long the panel has been on since the last reboot
Cellular Signal Strength	Displays the current cellular signal strength in "external" (bars out of 6) and "internal" (bars our of 31) signal strength.
Cellular Connection	Displays the connection status with alarm.com. (no signal, registered etc.)
IMEI/MEID	Displays the system's IMEI/MEID. The last 10 digits is the Alarm.com radio serial number
Home ID	Displays the Z-Wave radio ID#
Z-Wave Firmware Version	Version of firmware installed in Z-Wave radio

FIND IT

Settings

About

☑ Installer Code Access
☑ Master Code Access

DSC
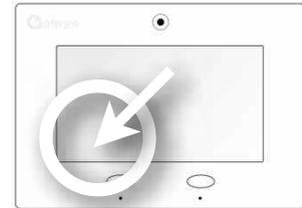
UPGRADE SOFTWARE USING WI-FI

FIND IT

Keeping your panel up to date is essential in ensuring it receives the newest features and is free from bugs.

To perform a software update using Wi-Fi follow the steps below:

1- Ensure your panel is connected to Wi-Fi

2- Touch "Settings" (enter your installer code, default is 5555)

3- Touch "Installation"

4- Touch "Upgrade Software"

5- Touch "Upgrade Using Network" The DSC Touch will check for the latest software update. If your panel is up to date you will see a message confirming that you have the most recent software version.

6- If a software update IS available the panel will automatically begin downloading it.

7- Once the download is complete a pop up message will appear informing you that in order to install the software you must restart the panel. Touch "okay." Your panel will install the update and automatically restart. Note: For UL/cUL the remote software feature shall not be used and the panel shall not be setup to remotely upgrade.
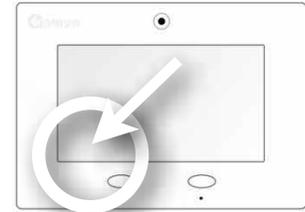
Settings

Installation

Upgrade Software

☑ Installer Code Access
☐ Master Code Access

AUTOMATIC SOFTWARE UPDATES

FIND IT

Turning on automatic software updates enables the panel to check for new software version every 24hrs by default.

Touch "Settings"
Enter Installer code (default is 5555)
Touch "Installation"
Touch "Upgrade Software"
Make sure the "Automatic Updates" button is checked.
Change update interval by selecting "Automatic Upgrade Interval"
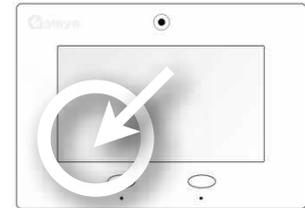**Note: For UL/cUL the automatic software update feature shall not be enabled.**

Settings

Installation

Upgrade Software

☑ **Installer Code Access**
☐ **Master Code Access**

SUPPORT

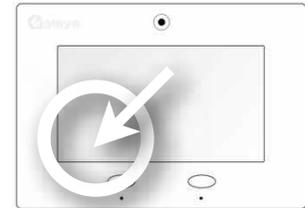**?** QUESTIONS? **Contact us at 800-387-3630 or**
tech@dsc.com

DSC®

SOFTWARE UPDATE VIA SD CARD

FIND IT

1- Insert an SD card into your computer. (*We recommend a class 4 or higher SDHC card with 4gb – 16gb storage space*)

2- Download the current software from www.dsc.com *(requires login)*

3- Once the file is downloaded, right click the file and select "Unzip" or "Open"

4- Drag all files to your SD card. Delete ANY other files, and safely remove the SD card from your computer

5- Slide your SD card into the slot on the back left of the DSC Touch.

6- Touch "Settings" and enter a valid installer code *(default is 5555)*

7- Touch "Installation"

8- Touch "Upgrade Software"

9- Touch "Upgrade via SD Card"

10- The panel will search the SD Card for the patch and begin downloading it automatically.

11- Once complete touch "OK" to reboot the panel. DO NOT TOUCH THE SCREEN. The process will take about 7 minutes and the buttons may turn red, screen may turn off, etc. After the panel reboots the home screen will appear and the buttons will turn green. For the next 5 minutes the panel will update the backup partition. Do not power down or use the panel during this time

11- Eject the SD Card: ("Settings", enter your installer code (default is 5555), "SD Card" then "Safely Remove"

IMPORTANT: Failure to perform these steps in the proper sequence may result in data corruption and/or panel failure.

Settings

Installation

Upgrade Software

☑ **Installer Code Access**
☐ **Master Code Access**

TROUBLESHOOTING

POWER DOWN

FIND IT

DO NOT remove all power without following the steps below. In the event of needing to move the panel from one location to another it IS safe to unplug the power supply while leaving the battery plugged in.

1. Select "Settings" from the home screen
2. Enter the installer or master code.
3. Select "Power Down"
4. Wait for panel LEDs to turn off
5. Disconnect the power

IMPORTANT: Failure to perform these steps in the proper sequence may result in data corruption and/or panel failure.
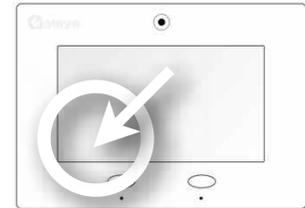
Settings

Power
Down

SUPPORT

?

QUESTIONS? Contact us at 800-387-3630 or
tech@dsc.com

☑ **Installer Code Access**
☑ **Master Code Access**

DSC

PANEL REBOOT

If the panel is experiencing difficulties you can often resolve it by resetting the operating system.
Select "Settings" from the home screen
1. Enter the installer or master code.
2. Select "Panel Reboot"
3. Wait for the panel to restart

IMPORTANT: Failure to follow these steps properly may result in data corruption and/or panel failure.

SUPPORT

? **QUESTIONS?** **Contact us at 800-387-3630 or tech@dsc.com**

FIND IT
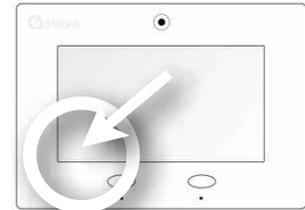
Settings

Panel Reboot

☑ **Installer Code Access**
☑ **Master Code Access**

DSC

HARD REBOOT

FIND IT

If the panel is frozen or experiencing serious difficulties and you cannot resolve it, you can force the software to reset by pressing and holding the "Home" button for 30 seconds.

x 30 sec

IMPORTANT: Performing a hard reset may result in data corruption and/or panel failure. Only use this when absolutely necessary.

Home

SUPPORT

?

QUESTIONS? Contact us at 800-387-3630 or tech@dsc.com

DSC

PANEL TEST TROUBLESHOOTING

FIND IT

If you run a panel test and it fails, use the following steps to fix the issue.

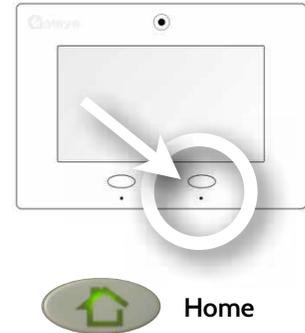| Test	Description	If fails:
Arm-Disarm	Tests the arm/disarm operation	Reboot panel, run test again then if necessary perform a master reset and repeat test.
Camera	Tests panel camera operation	Reboot panel, run test again then if necessary perform a master reset and repeat test.
Photos	Checks that photos are loaded in the photo frame app	1) Go to Apps -> Photo Frame -> Add Photos 2) Add photos from Wifi photo sets or an SD card.
Help Videos	Checks help videos are installed in the panel.	1) Go to Settings -> Load Help Videos 2) Load All the Help videos in SD card and insert it into panel 3) Add the selected files from SD card to help videos list on the panel.
Battery	Checks panel battery health	1) Make sure the battery is connected. 2) If test continues to fail, replace the battery.
LCD On/Off	Checks panel's LCD screen operation.	1) Reboot the panel and repeat the test. 2) If this test continues to fail, LCD may be faulty

Settings

System Tests

Panel Test

☑ Installer Code Access
☑ Master Code Access

DSC

PANEL TEST TROUBLESHOOTING

FIND IT

Test	Description	If fails:
LCD Red/Green	Check panel LED operation	1) Reboot the panel and run the test again. 2) Master reset and repeat test
System Data	Check panel backup software version	1) Provide user option to create backup version on the panel. This is NEW Requirement
Panel Tamper	Check panel Tamper state	1) Check to ensure backplate is secure and installed properly.
AC Status	Check panel AC power status	1) Inspect the wire leads are secure and properly connected on the terminal block and adapter.
Internet Connection	Check panel's Internet connectivity	1) Go to Wifi Setting page, Enable Wifi and connect to a Wifi Network 2) Make sure Internet is available on the home router. You can check the Internet in System Monitor page. 3) Contact your network service provider on continued internet connectivity failure.
Cell Connection	Check panel's cell network connectivity	1) Possible OTASP provisioning required. 2) Run cell connectivity test on Settings / System Tests page
Support Mode	Check panel support mode (adb) is disabled	1) Contact Dealer to disable ADB from Alarm.com dealer site
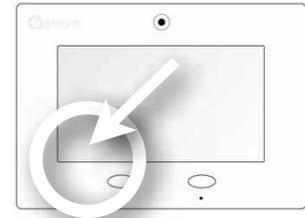
Settings

System Tests

Panel Test

☑ **Installer Code Access**
☑ **Master Code Access**

DSC

PANEL TEST TROUBLESHOOTING

FIND IT

Test	Description	If fails:
Panel Services	Checks that the panel's core services are running.	1) Reboot the panel and repeat test. 2) Master reset and repeat test
WiFi Connection	Tests whether panel is connected to Wifi network	1) Go to Wifi Setting page and enable wifi. 2) Connect to a Wifi Network
Upgrade Service	Checks that the panel's upgrade service is "pointed" to the production server.	1) Contact Dealer to enable production server from Alarm.com dealer site.
Log Service	Checks service for uploading panel's logs	1) Reboot the panel and repeat test. 2) Check wifi and Internet connectivity
Z-Wave Enable/ Disable	Check panel's ZWave module operation	1) Reboot the panel and repeat test. 2) Master reset and repeat test
Sirens	Check that the panels siren is functioning properly (Burglar, Auxiliary, Fire CO)	1) Verify the siren is plugged in
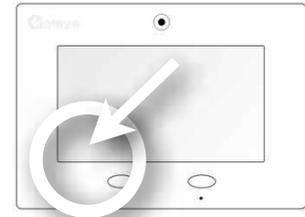
Settings

System Tests

Panel Test

☑ **Installer Code Access**
☑ **Master Code Access**

DSC

SYSTEM MONITOR

FIND IT

The system monitor allows you to see the Wi-Fi connection and information, as well as the other services running in the panel.

System Monitor	SYSTEM READY - DISARMED	Wed - 01:55 PM

Wi-Fi Information

Connection : Connected

IP Address : 192.168.1.136

SSID : McLerran

Speed : 72 Mbps

Internet : Available

Service Status

SecurityRFService : Running

FacilityService : Running

ZWaveService : Running

UpgradeService : Running

LogService : Running

PanelStatus : Normal

Refresh

BACK
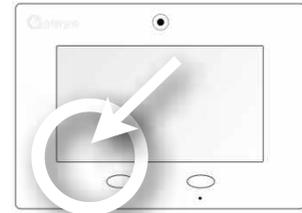
Settings

System Monitor

☑ Installer Code Access
☐ Master Code Access

CANNOT LOAD HELP VIDEOS

FIND IT

If your panel cannot load a help video you will receive an error message. Please ensure that your video(s) meet the requirements:

Acceptable File types:
.m4v

Total storage space:
200MB

NOTE: videos look best
in aspect ratio
800x480

Settings

Load Help Videos

☑ **Installer Code Access**
☐ **Master Code Access**

LEGAL

DSC®
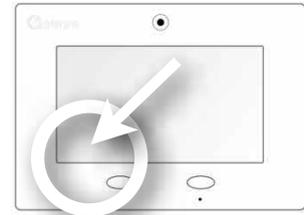
This document is subject to change without notice. Tyco Safety Products Canada, Ltd. ("DSC") assumes no responsibility for errors or omissions and disclaims any liabilities and losses experienced as a result of using this document. For the most recent documentation, contact your local vendor.

This document may contain images or information used in normal operations of the DSC Touch (the "Product"). These may include fictitious names of people and companies. Any similarity to actual names and addresses of businesses or persons is coincidental.

A. EULA WARNING: READ CAREFULLY

Note to Installers

This warning contains vital information. As the only individual in contact with system users, it is your responsibility to bring each item in this warning to the attention of the users of this system.

System Failures

This system has been carefully designed to be as effective as possible. There are circumstances, however, involving fire, burglary, or other types of emergencies where it may not provide protection. Any alarm system of any type may be compromised deliberately or may fail to operate as expected for a variety of reasons. Some but not all of these reasons may be:

• **Inadequate Installation**

A security system must be installed properly in order to provide adequate protection. Every installation should be evaluated by a security professional to ensure that all access points and areas are covered. Locks and latches on windows and doors must be secure and operate as intended. Windows, doors, walls, ceilings and other building materials must be of sufficient strength and construction to provide the level of protection expected. A reevaluation must be done during and after any construction activity. An evaluation by the fire and/or

police department is highly recommended if this service is available.

• **Criminal Knowledge**

This system contains security features which were known to be effective at the time of manufacture. It is possible for persons with criminal intent to develop techniques which reduce the effectiveness of these features. It is important that a security system be reviewed periodically to ensure that its features remain effective and that it be updated or replaced if it is found that it does not provide the protection expected.

• **Access by Intruders**

Intruders may enter through an unprotected access point, circumvent a sensing device, evade detection by moving through an area of insufficient coverage, disconnect a warning device, or interfere with or prevent the proper operation of the system.

• **Power Failure**

Control units, intrusion detectors, smoke detectors and many other security devices require an adequate power supply for proper operation. If a device operates from batteries, it is possible for the batteries to fail. Even if the batteries have not failed, they must be charged, in good condition and installed correctly. If a device operates only by AC power, any interruption, however brief, will render that device inoperative while it does not have power. Power interruptions of any length are often accompanied by voltage fluctuations which may damage electronic equipment such as a security system. After a power interruption has occurred, immediately conduct a complete system test to ensure that the system operates as intended.

Failure of Replaceable Batteries

This system's wireless transmitters have been designed to provide several years of battery life under normal conditions. The expected battery life is a function of the device environment, usage and type. Ambient conditions such as high humidity, high or low temperatures, or large temperature fluctuations may reduce the expected battery life. While each transmitting device has a low battery monitor which identifies when the batteries need to be replaced, this monitor may fail to operate as expected. Regular testing and maintenance will keep the system in good operating condition.

• **Compromise of Radio Frequency (Wireless) Devices**

Signals may not reach the receiver under all circumstances which could include metal objects placed on or near the radio path or deliberate jamming or other inadvertent radio signal interference.

• **System Users**

A user may not be able to operate a panic or emergency switch possibly due to permanent or temporary physical disability, inability to reach the device in time, or unfamiliarity with the correct operation. It is important that all system users be trained in the correct operation of the alarm system and that they know how to respond when the system indicates an alarm.

• **Smoke Detectors**

Smoke detectors that are a part of this system may not properly alert occupants of a fire for a number of reasons, some of which follow. The smoke detectors may have been improperly installed or positioned. Smoke may not be able to reach the smoke detectors, such as when the fire is in a chimney, walls or roofs, or on the other side of closed doors. Smoke detectors may not detect smoke from fires on another level of the residence or building.

Every fire is different in the amount of smoke produced and the rate of burning. Smoke detectors cannot sense all types of fires equally well. Smoke detectors may not provide timely warning of fires caused by carelessness or safety hazards such as smoking in bed, violent explosions, escaping gas, improper storage of flammable materials, overloaded electrical circuits, children playing with matches or arson.

Even if the smoke detector operates as intended, there may be circumstances when there is insufficient warning to allow all occupants to escape in time to avoid injury or death.

• **Motion Detectors**

Motion detectors can only detect motion within the designated areas as shown in their respective installation instructions. They cannot discriminate between intruders and intended occupants. Motion detectors do not provide volumetric area protection. They have multiple beams of detection and motion can only be detected in unobstructed areas covered by these beams. They cannot detect motion which occurs behind walls, ceilings, floor, closed doors, glass partitions, glass doors or windows. Any type of tampering whether intentional or unintentional such as masking, painting, or spraying of any material on the lenses, mirrors, windows or any other part of the detection system will impair its proper operation.

Passive infrared motion detectors operate by sensing changes in temperature. However their effectiveness can be reduced when the ambient temperature rises near or above body temperature or if there are intentional or unintentional sources of heat in or near the detection area. Some of these heat sources could be heaters, radiators, stoves, barbeques, fireplaces, sunlight, steam vents, lighting and so on.

• **Warning Devices**

Warning devices such as sirens, bells, horns, or strobes may not warn people or waken someone sleeping if there is an intervening wall or door. If warning devices are located on a different level of the residence or premise, then it is less likely that the occupants will be alerted or awakened. Audible warning devices may be interfered with by other noise sources such as stereos, radios, televisions, air conditioners or other appliances, or passing traffic. Audible warning devices, however loud, may not be heard by a hearing-impaired person.

Insufficient Time

There may be circumstances when the system will operate as intended, yet the occupants will not be protected from the emergency due to their inability to respond to the warnings in a timely manner. If the system is monitored, the response may not occur in time to protect the occupants or their belongings.

• Component Failure

Although every effort has been made to make this system as reliable as possible, the system may fail to function as intended due to the failure of a component.

• Inadequate Testing

Most problems that would prevent an alarm system from operating as intended can be found by regular testing and maintenance. The complete system should be tested weekly and immediately after a break-in, an attempted break-in, a fire, a storm, an earthquake, an accident, or any kind of construction activity inside or outside the premises. The testing should include all sensing devices, keypads, consoles, alarm indicating devices and any other operational devices that are part of the system.

•Security and Insurance

Regardless of its capabilities, an alarm system is not a substitute for property or life insurance. An alarm system also is not a substitute for property owners, renters, or other occupants to act prudently to prevent or minimize the harmful effects of an emergency situation.

B. Trademarks and patents   *DSC, the DSC Touch name, and the DSC logo are trademarks of Tyco Safety Products of Canada Ltd..*

You agree that all of DSC's trademarks, trade names, service marks and other DSC logos and brand features, and product and service names are trademarks and the property of Tyco Safety Products of Canada Ltd. (the "DSC Marks"). Without DSC's prior permission, you agree not to display or use in any manner the DSC Marks. Trade names used herein may be trademarks or registered trademarks of the manufacturers or sellers of the respective products.This Product and the use of this Product may be covered by one or more patents.

C. Limited warranty.

Digital Security Controls warrants the original purchaser that for a period of twelve months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use. During the warranty period, Digital Security Controls shall, at its option, repair or replace any defective product upon return of the product to its factory, at no charge for labour and materials. Any replacement and/or repaired parts are warranted for the remainder of the original warranty or ninety (90) days, whichever is longer. The original purchaser must promptly notify Digital Security Controls in writing that there is defect in material or workmanship, such written notice to be received in all events prior to expiration of the warranty period. There is absolutely no warranty on software and all software products are sold as a user license under the terms of the software license agreement included with the product. The Customer assumes all responsibility for the proper selection, installation, operation and maintenance of any products purchased from DSC. Custom products are only warranted to the extent that they do not function upon delivery. In such cases, DSC can replace or credit at its option.

International Warranty

The warranty for international customers is the same as for any customer within Canada and the United States, with the exception that Digital Security Controls shall not be responsible for any customs fees, taxes, or VAT that may be due.

Warranty Procedure

To obtain service under this warranty, please return the item(s) in question to the point of purchase. All authorized distributors and dealers have a warranty program. Anyone returning goods to Digital Security Controls must first obtain an authorization number. Digital Security Controls will not accept any shipment whatsoever for which prior authorization has not been obtained.

Conditions to Void Warranty

This warranty applies only to defects in parts and workmanship relating to normal use. It does not cover:
• damage incurred in shipping or handling;
• damage caused by disaster such as fire, flood, wind, earthquake or lightning;
• damage due to causes beyond the control of Digital Security Controls such as excessive voltage, mechanical shock or water damage;
• damage caused by unauthorized attachment, alterations, modifications or foreign objects;
• damage caused by peripherals (unless such peripherals were supplied by Digital Security Controls);
• defects caused by failure to provide a suitable installation environment for the products;
• damage caused by use of the products for purposes other than those for which it was designed;
• damage from improper maintenance;
• damage arising out of any other abuse, mishandling or improper application of the products.

Items Not Covered by Warranty

In addition to the items which void the Warranty, the following items shall not be covered by Warranty: (i) freight cost to the repair centre; (ii) products which are not identified with DSC's product label and lot number or serial number; (iii) products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection or testing to verify any warranty claim. Access cards or tags returned for replacement under warranty will be credited or replaced at DSC's option. Products not covered by this warranty, or otherwise out of warranty due to age, misuse, or damage shall be evaluated, and a repair estimate shall be provided. No repair work will be performed until a valid purchase order is received from the Customer and a Return Merchandise Authorization number (RMA) is issued by DSC's Customer Service.

Digital Security Controls' liability for failure to repair the product under this warranty after a reasonable number of attempts will be limited to a replacement of the product, as the exclusive remedy for breach of warranty. Under no circumstances shall Digital Security Controls be liable for any special, incidental, or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability, or any other legal theory. Such damages include, but are not limited to, loss of profits, loss of the product or any associated equipment, cost of capital, cost of substitute or replacement equipment, facilities or services, down time, purchaser's time, the claims of third parties, including customers, and injury to property. The laws of some jurisdictions limit or do not allow the disclaimer of consequential damages. If the laws of such a jurisdiction apply to any claim by or against DSC, the limitations and disclaimers contained here shall be to the greatest extent permitted by law. Some states do not allow the exclusion or limitation of incidental or consequential damages, so that the above may not apply to you.

Disclaimer of Warranties

This warranty contains the entire warranty and shall be in lieu of any and all other warranties, whether expressed or implied (including all implied warranties of merchantability or fitness for a particular purpose) And of all other obligations or liabilities on the part of Digital Security Controls. Digital Security Controls neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product. This disclaimer of warranties and limited warranty are governed by the laws of the province of Ontario, Canada.

WARNING: Digital Security Controls recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.

DSC

Installer's Lockout

Any products returned to DSC which have the Installer's Lockout option enabled and exhibit no other problems will be subject to a service charge.

Out of Warranty Repairs

Digital Security Controls will at its option repair or replace out-of-warranty products which are returned to its factory according to the following conditions. Anyone returning goods to Digital Security Controls must first obtain an authorization number. Digital Security Controls will not accept any shipment whatsoever for which prior authorization has not been obtained.

Products which Digital Security Controls determines to be repairable will be repaired and returned. A set fee which Digital Security Controls has predetermined and which may be revised from time to time, will be charged for each unit repaired.

Products which Digital Security Controls determines not to be repairable will be replaced by the nearest equivalent product available at that time. The current market price of the replacement product will be charged for each replacement unit.

D. Intended use

Use the Product for its intended use only; refer to the data sheet and user documentation.   Any use other than the Product's intended use will void any applicable warranties.   For the latest Product information, contact your local vendor or visit us online at www.dsc.com

E. FCC compliance

Changes or modifications not expressly approved by DSC 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.

F. WARNINGS

Warning: Do **not** connect the Product to an AC receptacle that is controlled by a switch.

Warning: Do **not** connect the Product to a High Power AC receptacle.

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). 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: Owner's instruction notice: The Product is not to be removed by anyone except occupant or certified dealer representative.

Warning: This Product and all sensors associated with it (collectively, the "System") should be tested once a week.

Warning: This System must be checked by a qualified technician at least once every three (3) years.

Warning: Users are advised to create their own Fire and Emergency Evacuation plan. Information to create a plan can be found at the following website, National Fire Protection Association (http://www.nfpa.org/categoryList.asp?categoryID=1979), United States Fire Administration (https://apps.usfa.fema.gov/publications/) or via other equivalent agencies.

Warning: This System **cannot** call the local police station directly ... all Police Panic Alarms and Intrusion Alarms will be sent to the dealer authorized central monitoring station who will then handle calling the local police as necessary. The Product **cannot** be configured to call the local police station.

Warning: This System **cannot** call the local fire station directly ... all Fire Panic Alarms and Fire Detection Alarms will be sent to the dealer authorized central monitoring station who will then handle calling the local Fire Department as necessary. The Product **cannot** be configured to call the local Fire Department.

Warning: This System **cannot** call the local medical emergency personnel directly ... all Aux Panic Alarms will be sent to the dealer authorized central monitoring station who will then handle calling the local medical emergency personnel (often 911 personnel) as necessary. The Product **cannot** be configured to call the local medical emergency personnel (nor local 911 services).

Warning: The terminal block that is mounted inside the Product has 8 connectors for wires. There are two additional connectors for the first external sensor (labeled EXT1 + and EXT1 –), two additional connectors for the second external sensor (labeled EXT2 + and EXT2 –), and finally, two additional connectors for an external siren (labeled BUZZER + and BUZZER –).

Warning: For Canadian installations this Product and all sensors associated with it (collectively, the "System") should be tested once a month. The test shall be performed also with primary AC power de-energized. For recommended smoke detectors maintenance instructions refer to user manuals associated with compatible DSC models WS4916 and WS4926 smoke detectors.

G.BATTERY INFORMATION & WARNINGS

Main AC-DC Supply Converter

Voltage	Input 100-240V (AC-DC converter)
frequency,	6OHz
max. input current	0.68A Max
Voltage	output 12.5V, 1.2 Amps

Panel Battery

Battery Type	Lithium Ion Polymer battery
Lifetime Power Cycles	300+ Power Cycles (fully charged to fully discharged state)
DC voltage	8.4V max
battery model number	Springpower 704077
max. charging current	400mA
trickle charge current	50mA max
battery capacity in ampere-hours	2500maH

Warning: Battery Capacity Detection: The battery will be automatically monitored for low battery capacity. Warning messages will be sent to the Product and to the Alarm.com Backend informing the customer of the low battery condition (this occurs whenever the current battery capacity falls below 30% of the fully charged capacity). The Product will also provide optional trouble beep warnings for the low battery conditions. The Product warning messages can be viewed on the Security Status / Alerts Tab.

Warning: Battery Unplugged Detection: The battery will be automatically monitored to detect occurrences of the battery being unplugged. Warning messages will be sent to the Product and to the ADC Backend informing the customer of the unplugged battery. The Product will also provide optional trouble beep warnings for the unplugged battery condition. The Product warning messages can be viewed on the Security Status / Alerts Tab.

Warning: Battery Life: Greater than 5 years with use of the Product according to specifications. Change the battery after 5 years of service. .

Warning: Battery Handling: To maximize the life of the battery and for safety reasons the following precautions should be taken:

- The aluminum foil encasing the battery is delicate and should not be exposed to sharp objects such as knives, pins or sharp finger nails

- The battery should not be exposed to water

- Do not leave near a heat source. This will reduce the working life of the battery

- Do not short circuit the battery by connecting the positive terminal to the negative terminal. High currents can be generated resulting in high temperatures and risking fire and personal injury

H. FALSE ALARM WARNINGS

The following warnings cover the likely potential situations that may cause False Alarms Reports (FAR) to be generated.

Cause of FAR: User fails to enter proper pass code or enters the wrong pass code while trying to disarm system.

Prevention: Carefully enter your passcode. Remember your passcode and/or write it down in a safe place that is easily accessible.

Cause of FAR: User fails to exit premise before exit delay timer expires while trying to arm system in Away Mode.

Prevention: Listen to exit beeps and last 10 second voice countdown ... if running out of time, then either press the Extend button to extend the exit delay or press cancel ... and then start the rearming process again once you are ready to leave the premises.

Cause of FAR: User opens a door, but fails to close the door before the exit delay timer expires while trying to arm system in Away Mode, thus causing an exit fault and alarm condition.

Prevention: Be careful to close the door tightly upon exit during the arming process. If an exit fault / alarm does occur, then quickly reenter the home and disarm the alarm.

Cause of FAR: Erroneous fire detection alarm from sensor.

Prevention: During installation, system can be set to require two Carbon Monoxide sensor detections prior to generating central monitoring station gas leak alarm ... note a local fire alarm will still sound to alert the homeowner.

DSC

Cause of FAR: Erroneous user fire, aux or police panic alarm generated.

Prevention: Do not press the Emergency button unless there is a real emergency. If the emergency alarm is accidentally activated, then quickly enter the disarm pass code which will then cancel the alarm.

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 Class [B] digital apparatus meets all requirements of the Canadian Interference−Causing Equipment Regulations.
Cet appareil numérique de la classe [B] respecte toutes les exigences du Réglement sur le matériel brouilleur du Canada.

IMPORTANT! Changes or modifications not expressly approved by DSC could void the user's authority to operate the equipment.

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

CAUTION! This equipment complies with radiation exposure limits set forth for uncontrolled environment. The antenna(s) used for this transmitters 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.

Cet appareil est conforme avec Industrie Canada RSS exemptes de licence standard (s). Son fonctionnement est soumis aux deux conditions suivantes: (1) ce dispositif ne doit pas causer d'interférences, et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil

ATTENTION! Cet équipement est conforme aux limites d'exposition aux rayonnements définies pour environnement non contrôlé. L'antenne (s) utilisé pour cette émetteurs doit être installé pour fournir une distance de séparation d'au moins 20 cm de toute personne et ne doit pas être installé à proximité ou utilisé en conjonction avec une autre antenne ou émetteur.

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.

SPECIFICATIONS

DSC

Items	Parameters	DSC Touch
Platform	Android OS	Android 2.2.2
LCD Display	Size	7 inch LCD
	Resolution	800x480
	Brightness	320 cd/m2
	RGB	24bit
Touchscreen	Type	Resistive, single touch
User Codes	Up to 242	Role-based (Dealer, Installer, Master, User, Guest, Duress)
Wireless	WiFi	WiFi 802.11b/g/n, 2.4Ghz,1x1
	Zigbee	Proprietary Image Sensor capable of pairing with up to 5 devices
	Z-Wave	69 total, (Up to 30 lights, 18 Smart Sockets, 6 locks, 5 thermostats and 10 other devices)
	Cellular	Verizon CDMA 1xRTT (700Mhz)(model SCW9067C) or HSPA (850/1900Mhz) (model SCW9067H)
	Security R/F	433 MHz, up to 59 security zones
Hardwire Input	Wired x2	Non-powered, closed loop circuit
Siren Output	Wired x1	Powered, external siren 6-12v DC 120 mA
Flash Memory	Internal Storage	4GB NAND Flash
SD Card Slot	Push-Push	Standard size x 1, Recommended card SDHC 4-16GB capacity
LED Indicator	Status LED	2 color LED indicator (green= ready, red= armed)
Speaker	Stereo 1.5W x 2	Left speaker dedicated to panel sounds and voices
		Right speaker dedicated to 2-way voice

SPECIFICATIONS

DSC

Items	Parameters	DSC Touch
Camera	Front Camera	0.3MP, Fixed Focus
Microphone	Microphone	Embedded omni-directional microphone + high gain for 2-way voice
Siren	Piezo	Built-in SIA-Rated siren with sound pressure level at 91 dba at 3.05m (conforms to UL 1023)
Tamper	Tamper Switch	Panel tamper switch with spring release and reporting to status app
Battery	Type	Lithium ion, 2500mAh capacity.
Buttons	Hard Buttons	Emergency panic, Home
Mechanical	Dimension	8.5x6.5x1.5inch (LxWxH)
	Weight	1.84 lbs (.84 kg)
Power Supply	DC	Primary source (external plug-in adapter) rated: 12.5Vdc/1.2A Backup source: 2 x cells 704077 Lithium battery 4.7V/2500mAh connected in series. Standby time: 24h (NSC) + 5 minutes (Alarm)
Mount	Back Plate	Wall-mount bracket (included) or table top stand (not included)
Certification	UL/cUL	UL/cUL Listed Residential Fire and Burglary Alarm Control Unit
	FCC	FCC ID: F5315SCW9067
	IC	IC:160A-SCW9067
	Safety	UL985, UL1023, ULC-S545, ULC/ORD-C1023
Temperature	Operational	0C - 49C (32F-120F)
	Storage	Note: not evaluated by UL/cUL
Camera	Front Camera	0.3MP, Fixed Focus