



# **RB6741-Z Touchscreen Security System**

## **Quick Start Guide**

SMC Networks  
20 Mason  
Irvine, CA. 92618  
U.S.A.

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RB6741-Z Touchscreen Security System Quick Start Guide  
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# Contents

<b>1 Using the Touchscreen .....</b>	<b>1</b>
Understanding the Screen .....	2
Security Status Header .....	3
System & Zone Trouble Header .....	4
Content Area.....	5
Understanding Arming Modes .....	6
Arm Away Mode.....	6
Arm Stay Mode .....	7
Arm Night Mode.....	7
Arming and Disarming the System .....	7
Arming the System from the Touchscreen .....	8
Cancelling the Arming Process .....	9
Disarming the System.....	9
Sending an Emergency Alarm .....	11
<b>2 Evacuation and Emergency Plans .....</b>	<b>12</b>
Evacuation Plan.....	12
Additional Emergency Preparations.....	12
<b>3 Quick-Reference Tables.....</b>	<b>13</b>
System & Security Settings, Ranges, and Defaults.....	13
Screen Settings, Ranges, and Defaults .....	15
Advanced Settings Range and Defaults.....	15
<b>Appendix A - Compliances .....</b>	<b>16</b>

# 1 Using the Touchscreen

Congratulations on your purchase of the RB6741-Z Touchscreen.

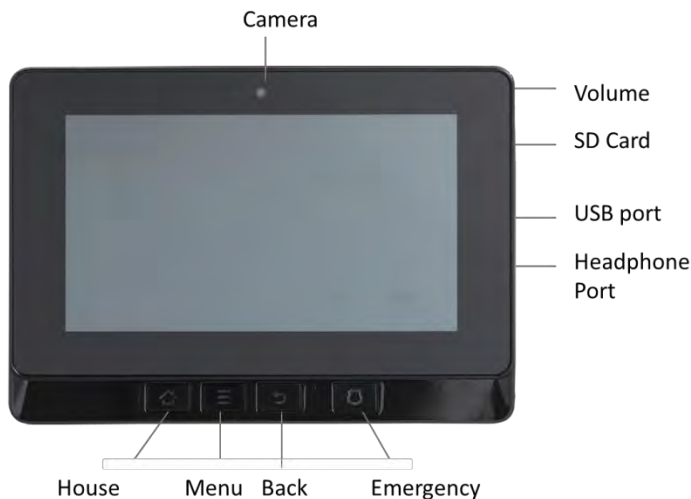
The RB6741-Z Touchscreen is the center of your home security system. This Android-powered device allows you to perform actions such as arming and disarming your security system, monitoring the status of your security sensors, and sending emergency alarms.

This Quick Start Guide provides an overview of the Touchscreen and its basic operation. This guide assumes the Touchscreen has been activated and you have been assigned a security code. For more information, refer to the *RB6741-Z Touchscreen Security System Installation Manual* and the *RB6741-Z Touchscreen Security System User Manual*. For detailed information about operating an Android device, refer to the Android documentation provided by Google.








**WARNING:** The rechargeable battery that comes with your Touchscreen is only available through your service operator. If your battery needs to be replaced, contact your service operator to arrange for replacement.

Figure 1-1 shows the major components of the Touchscreen and Table 1-1 describes them.



**Figure 1-1. Major Touchscreen Components**

**Table 1-1. Major Touchscreen Components**

Icon	Name	Description
	Camera	Camera Lens
	Home	Go to the Home (main) screen in the Touchscreen screen.
	Menu	Display the configuration menu.
	Back	Return to the previous screen.
	Emergency	Display icons for fire, medical, or police service. Tap one of these icons to immediately send an alarm to the appropriate call center. The button is located at the bottom right in front of the device. When A/C power is available, this button is lit. For more information, refer to the <i>RB6741-Z Touchscreen Security System User Manual</i> .
	Volume Switch	Adjust the volume of the Touchscreen. (Button is located on the right side.)
	SD Card	Port for attaching an SD card.
	USB Port	Port for attaching a Universal Serial Bus device.
	Headphone Jack	Port for attaching headphones.

## Understanding the Screen

The Touchscreen communicates with your security system. It combines security and home controls on an intuitive graphical interface to provide:

- A real-time view of the system statuses
- Tools to manage your security system
- Additional optional applications such as news and weather

The first screen displayed is the Home screen. From this screen, you tap buttons to navigate through menus to access the functions you desire. If the screen is black (showing nothing), it means the system is not receiving A/C power or the display is powered off to conserve battery life.

The screen is organized into the following operational sections:

- Security Status Header – see “Security Status Header” on page 3
- System & Zone Trouble Header – see “System & Zone Trouble Header” on page 4
- Content Area – see “Content Area” on page 5

## Security Status Header

The Security Status header appears in the top-left area of the Touchscreen. It tells you whether the system is armed or disarmed and other information. Tap this header to arm or disarm the system.



## Problems that Prevent Arming

If you encounter problems that would prevent arming, such as a monitored door or window being opened, an announcement replaces the Arm/Disarm status.



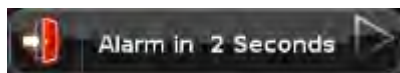
## Exit Delay

During the Exit Delay, the header announces the number of seconds until the system is armed.



## Entry Delay

During the Entry Delay, the header announces the number of seconds before the alarm sounds.



## System & Zone Trouble Header

The System & Zone Trouble header appears in the top-right area of the Touchscreen. It displays when:

- There is a connectivity (cellular, broadband, and so on)
- Power problems with the Touchscreen
- When a sensor goes down, such as due to a battery failure
- When a sensor is being tampered with, such as the cover being opened



## System Reports Trouble


If the system reports trouble, it sounds an audible alert regularly to make you aware of the problem.

If a System & Zone header appears, tap it to show the Troubles list, which lists all current troubles with the Touchscreen and sensors.

## Content Area

The Content area is the interactive functionality of your Touchscreen where the Touchscreen apps appear. When you use or modify an app, the menus and tools appear here.



The Home screen is the default interface when you access the Touchscreen. Return to this screen at any time by pressing the Home button  on the bottom-left of the device.

The Touchscreen always provides the following apps:



Select the Security app to view options related to arming/disarming the system, enabling/disabling security zones, viewing history logs, and recent security zone events.



Select the Settings app to access tools to modify the Touchscreen configurations.



## Understanding Arming Modes

You can arm the system for multiple scenarios:

- Arm Away — everybody is leaving. See “Arm Away Mode” below.
- Arm Stay — people are active inside. See “Arm Stay Mode” on page 7.
- Arm Night — everybody is going to bed. See “Arm Night Mode” on page 7.

Different arming modes use different rules for when sensors are tripped and for Entry/Exit delays.

- An Exit delay is a short period of time after the system is armed for you to leave the premises (default 60 seconds).
- An Entry delay gives you time to disarm the system when you reenter the premises (default 30 seconds). You must enter a valid keypad code within the Entry delay period to avoid sounding an alarm.

Consult with your installer or Customer Care representative to customize the Entry and Exit delays on your system.



**Note:** After the alarm is faulted, the Alarm Transmission Delay period starts (see page 10).

If the central system loses all connectivity with your Touchscreen in the Armed state and during the Entry Delay period, an alarm is sent to the central monitoring station immediately. This response prevents an intruder from trying to stop an alarm by destroying the Touchscreen.

### Arm Away Mode

Arm Away mode is used when everyone is leaving the house. The following rules apply:

- Alarm trips immediately if a monitored Perimeter zone (non-entry/exit door or window) is opened.
- Interior motion detectors are armed.
- Entry/Exit zones start an Entry Delay.
- Exit Delay starts when the system is armed.

## Arm Stay Mode

Arm Stay mode is used to arm the system when there are people in the premises. The following rules apply:

- Alarm trips immediately if a monitored Perimeter zone (non-entry/exit door or window) is opened.
- Interior motion detectors are not armed.
- Entry/Exit zones start an Entry Delay.
- Exit Delay starts when the system is armed.
- Exit Delay does not beep and is twice the length of Alarm Away mode.

## Arm Night Mode

Arm Night mode is used when everyone is going to bed.

This mode works the same as Arm Stay mode, except there is no Entry Delay period. If an entry/exit zone is opened, an alarm sounds immediately.



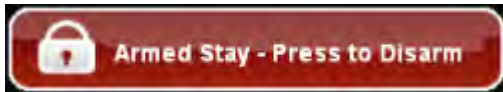
**Note:** There is an Exit Delay period that works the same as in Arm Stay mode.

## Arming and Disarming the System

The Security status of your security system appears in the Security Status header.



Message that the Security Status header displays when the status is "Disarmed". Tap to arm the system.



Message that the Security Status header displays when the status is "Armed". Tap to disarm the system.

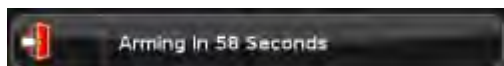
## Arming the System from the Touchscreen

To arm the system from the Touchscreen:

1. Tap the Security Status header when it is in Disarmed state. The Security Options screen appears, with a keypad and the Arm System tab open.



2. Tap an arming mode (Arm Stay, Arm Away, or Arm Night) and enter your security code. The Security Status header changes to display a countdown message.



The text of the message varies, according to which arming mode you selected.

Observe the following guidelines:

- If you select Arm Away mode, you have until the Exit Delay is over to exit the premises.
- Otherwise, the system is automatically armed in Arm Stay mode. There is still an Exit Delay period for the other Arming modes as well, but they do not require that the door open and close during the period.
- If you open and shut an Entry/Exit door during the Exit Delay and then re-enter the premise, the Exit delay restarts at 120 seconds for Arm Stay and Arm Night or 60 seconds for Arm Away. It only does this one time. If the wrong code is entered, the countdown timer resets to 60 or 120 seconds.
- If an Entry/Exit door is left open at the end of Exit Delay, the Entry Delay immediately starts and, if the system is not disarmed, an alarm sounds.

## Cancelling the Arming Process

If you arm the system in Arm Away or Arm Stay mode, the Security Status header displays a countdown of the number of seconds until the Exit Delay expires. You can choose to cancel the arming process.

To cancel the arming process:

1. Tap the Security Status header while it displays a countdown. The Security app appears with a keypad and the **Disarm System** tab is active. The view from the camera(s), if any, is displayed.

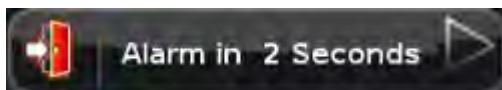


2. Enter your security code to stop the arming process.

## Disarming the System

When entering armed premises, an Entry Delay period starts:

- During the Entry Delay, the header changes to announce the number of seconds before the alarm goes off.



- The Security app displays a keypad.
- The Touchscreen beeps once every second, until the last 10 seconds when it beeps twice a second.

If a valid keypad code is not entered by the end of the Entry Delay period, an alarm sounds. For most reasons, from the time an alarm sounds or starts silently, you have 30 seconds (default) to enter a valid keypad code to disarm the system and prevent an alarm from being sent to the central monitoring station. This is called the Alarm Transmission delay or the Abort Window.

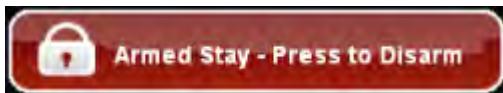
The Alarm Transmission Delay is a required period that prevents a report to the central station if an alarm was triggered innocently.



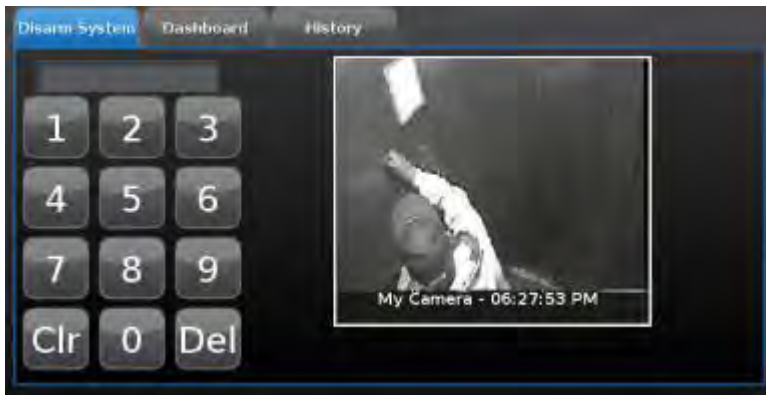
**Note:** Emergency alarms (see “Sending an Emergency Alarm” on page 11) and smoke alarms are reported without an Alarm Transmission delay or an Entry Delay. Consult Customer Care to ascertain the number of seconds configured for the Alarm Transmission Delay on your system.

To disarm the system from the Touchscreen:

1. Tap the Security Status header when it is in Armed state.



The Security app appears with a keypad and the **Disarm System** tab active. If the sensor that was tripped is associated with a camera, the view from that camera is displayed. If the sensor is not associated with a camera, the view from the default camera is displayed.



2. Enter your security code. If the alarm was triggered, the camera view and alarm history are displayed.



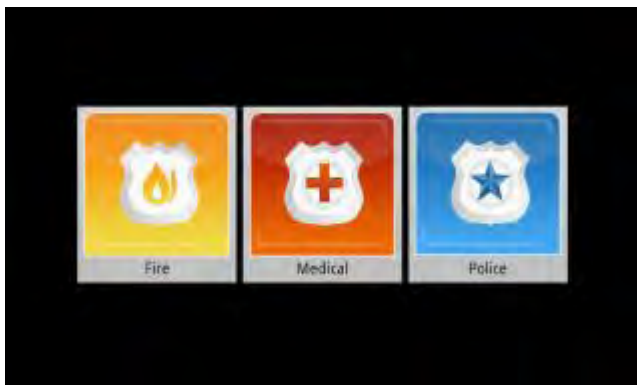
## Sending an Emergency Alarm

You can manually trip an alarm in the event of an emergency by clicking the Emergency button. Emergency alarms are reported without an Entry delay or Alarm Transmission delay.

To manually trip an alarm:

1. Press the **Panic** button on the lower front area of the Touchscreen. 

The Emergency screen appears.



2. Perform one of the following steps:
  - Tap **Fire** to send an alarm for emergency fire assistance. The Touchscreen sounds a repeating, high-pitched chime.
  - Tap **Medical** to send an alarm for emergency medical assistance. The Touchscreen sounds an audible, repeating, triple beep signal.
  - Tap **Police** to send an alarm for police assistance. The Touchscreen displays a Police Panic In Progress alert on the Touchscreen but, by default, will not issue an audible signal. Tap the alert to sound an audible, continuous, high-pitched chime.

## 2 Evacuation and Emergency Plans

### Evacuation Plan

Develop an emergency evacuation plan for use in the event of fire. Here are some recommendations from the National Fire Protection Association.

- Make an evacuation plan for how to leave your home in the case of fire or other emergency. Sketch a map of your home that shows all the doors and windows. Discuss the plan with everyone in your home so that everyone will know what to do.
- Have at least two ways to exit each room. Make sure that windows and doors open easily.
- Discuss with your family and agree on a single meeting location outside your home.
- In the event of fire, get out and stay out. Don't go back inside for people, pets or possessions.
- Do not open a door if the handle is hot.
- If there is smoke stay low to the ground and go under the smoke.
- Escape your home before calling the fire department. Call the fire department and police from the outside meeting place using your cell phone or call from a neighbor's phone.
- Practice your home evacuation plan.

### Additional Emergency Preparations




- Do not wait until an emergency occurs to make a plan. Talk to each other about what each person should do in different types of emergency.
- Learn your security system. Get to know how to arm and disarm it and what to do when the authorities or central monitoring calls.
- Make sure everyone (who should know) knows the Secret Word, when to use it, and that it should not be shared.
- Understand the difference between your keypad code and the duress code.
- Understand that you should never enter the premises if you hear an alarm. Call police from a cell phone or a neighbor's phone.

## 3 Quick-Reference Tables

This chapter provides tables that list the ranges and default settings for features in your security system. The tables are grouped in the following categories:

- System & Security settings (see page 13)
- Touchscreen device settings (see page 15)
- Advanced system settings (see page 15)

### System & Security Settings, Ranges, and Defaults

Feature	Comments		Ranges & Defaults
Exit Delay	The time allotted for the customer to exit the premises when the security system is armed. The Exit Delay for Arm Stay and Arm Night modes is twice the configured Exit Delay up to 120 seconds.		Default: 60 seconds Range: 45 seconds to 240 seconds
Exit Delay Progress Annunciation	Touchscreen beeps once per second. Twice per second during the last 10 seconds.		Disabled for Arm Stay & Arm Away. This feature is not configurable.
Exit Delay Restart	Entry/Exit zone is faulted, restored and then faulted again prior to the end of the exit delay, then Exit Delay restarts.		One time only. This feature is not configurable.
Exit Error	If an Entry/Exit door is left open at the end of Exit Delay, the Entry Delay starts and, if the system is not disarmed, an alarm sounds.		This feature is not configurable.
Unvacated Premises	During Arm Away, if no Entry/Exit Zone opens and closes during the Exit Delay, the Arming Mode reverts to Armed Stay.		This feature is not configurable.
Entry Delay	The time allotted for the customer to disarm the system after tripping an Entry/Exit security zone.		Default: 30 seconds Range: 30 to 240 seconds
Entry Delay Progress Annunciation	Touchscreen beeps once per second Twice per second during the last 10 seconds.		This feature is not configurable.
Disarm	Enter a keypad code to disarm the system.		This feature is not configurable.
Control Buttons		Home button	The functions of these buttons cannot be changed.
		Emergency Alarm button	
Emergency Alarms (aka manual alarms)		Touchscreen: Press to access Emergency Alarm options	The functions of these buttons cannot be changed.



Feature	Comments	Ranges & Defaults
Alarm Transmission Delay (aka Abort Window or Communicator Delay)	Length of time after an alarm sounds for the customer to enter a valid keypad code to prevent alarm from being sent to central station.  Your system is configured with a communicator delay. A communicator delay will prevent a report to the central station if the control panel is disarmed within 15-45 seconds after an intrusion alarm is triggered. Note that fire-type alarms are normally reported without a delay.	Default: 30 sec. Range: Minimum is 15 sec. and the maximum is 45 sec.
Disarming During the Alarm Transmission Delay	System disarmed by entering a valid keypad code in the Touchscreen or a key pad. If invalid keypad code entered, alarm restarts.	This feature is not configurable.
When alarms are successfully aborted (that is, disarmed during the Alarm Transmission Delay period)	If system is disarmed within the Alarm Transmission Delay period, no alarm transmission occurs. Contacts can opt not to receive SMS and/or email messages notifying them when an alarm was aborted and that central monitoring was not notified.	By default, verify contacts are notified by SMS and email when an alarm is disarmed during the Alarm Transmission Delay period.
Cancel Window	For 5 minutes after the end of the Abort Window, customer can disarm system to send an Alarm Cancel to central monitoring.	This feature is not configurable.
Duress Code	A four digit code that sends silent alarm immediately when used to arm or disarm the system. Otherwise, works the same as the Master keypad code.	Default: Duress Code is disabled.
Initiating Emergency Alarms (aka manual alarms)	This is a two-step action from the Touchscreen.	Not configurable.
Cross Zoning	Two security zones that only trip an alarm if they are both faulted within a configured period of time. Can only be created after the security zones have been added in a separate step.	Default: 10 seconds Range 1 second to 999 seconds.
Swinger Shutdown	After the Touchscreen has sent an alarm the set number of times (trips) to central monitoring, no more alarms will be sent to central monitoring for 48 hours or until the security system is disarmed.	Default: 2 trips Range: 1 to 6 trips
Fire Alarm Verification	When enabled, central only contacts the authorities when multiple smoke detectors are faulted OR a detector is in an alarm for 60 seconds or more.	Default: Disabled
Call Waiting	Old-fashioned security systems use phone lines to send alarms to central monitoring, so they require a caution included with their control panels alerting the installer that call waiting features can prevent successful connection to the central station. Since the Touchscreen connects to central monitoring over broadband and cellular, this alert is not required.	
System Test	Perform the system test described in the <i>RB6741-Z Touchscreen Security System User Manual</i>	
Communications	Test the security system to ensure that it is in proper communication with central monitoring, as described in the <i>RB6741-Z Touchscreen Security System User Manual</i> .	
Test In Progress	The titles of all alarm test process screens begin with "Alarm Test".	Not configurable.
Automatic Termination of Test	There are no conditions that would result in the automatic termination of Test mode. The user must tap the Disarm button on the Alarm Test screen to end the alarm test.	
Screen Brightness	The relative brightness of the Touchscreen screen.	Default: 10 (brightest) Range: 1 to 10

## Screen Settings, Ranges, and Defaults

Feature	Comments	Ranges & Defaults
Automatic Screen Dimming	Idle Timeout	Default: 30 minutes Range: 5 minutes to 30 minutes (in 5 minute increments)
	Dimming Level	Default: 10 (brightest) Range: 1 to 10
Screen Nighttime Settings	Backlight off at night	Default: No Range: Yes or No
	Backlight off time	Default: 12:00 .A.M.
	Backlight on time	Default: 12:00 .A.M.
Screensaver Configuration	Minutes Inactive before screensaver becomes active.	Default: 30 minutes Range: 5 minutes to 30 minutes (in 5 minute increments)
Sound Configuration	Volume control	Default: 13 (loudest) Range: 0 (mute) to 13

## Advanced Settings Range and Defaults

Feature	Comments	Default
Expose Personal Router to Internet	Whether the retail router connected to the security system router is exposed to the Internet.	Default: Not exposed

## Appendix A - Compliances

### FCC Notice

FCC ID: JI5-RB6741

### Federal Communication Commission Interference Statement

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 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.

### FCC Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

### IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## IC Notice / Avis IC

IC: 4137A-RB6741

### Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003

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.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

The term "IC" before the equipment certification number only signifies that the Industry Canada technical specifications were met.

### Déclaration d'Industrie Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionnement en association avec une autre antenne ou transmetteur.

Le terme « IC » avant le numéro d'homologation ne signifie seulement que les normes d'Industrie Canada ont été respectées.

### IMPORTANT NOTE:

IC Radiation Exposure Statement:

This device is only authorized for use in a mobile or fixed application. At least 20cm (8 inches) of separation distance between the touchscreen and the user's body must be maintained at all times to ensure compliance with the Industry Canada RF Exposure Requirements.

Informations d'Exposition aux RF

Cet appareil est uniquement pour une utilisation dans une application mobile ou fixe. Au moins 20 centimètres de distance de séparation entre l'écran tactile et le corps de l'utilisateur doit être maintenue en tout temps pour assurer la conformité avec les exigences de la Industrie Canada, l' exposition.

## Device Purpose

Fire/Alarm Central Panel

## UL and ULC Notices

This device complies with UL 985, UL1023, UL1635, ULC S545, ULC C1023.

## Limitations of Security Products

Security products and alarm systems do not offer guaranteed protection against burglary, fire, or other emergencies. They may fail to warn for diverse reasons, including (but not limited to): power failure, dead batteries, improper installation, coverage, coverage areas overlooked during installation, defeat by technically sophisticated intruders, component failure, or inadequate maintenance. Alarm systems should be checked weekly to ensure that all devices are working properly.

**AN ALARM SYSTEM IS NOT A SUBSTITUTE FOR INSURANCE.**

## Conditions Resulting In False Alarms

Any installation of the RB6741-Z not in accordance to this manual may result in the occurrence of false alarms.

## Conditions Resulting In Impaired Operation

Any installation of the RB6741-Z not in accordance to the National Electric Code (NFPA70) may result in improper operation as described in this manual.

## Protective Features

The stand, RB6741-BT, included with the RB6741-Z Touchscreen protects against unwanted tampering of the device. Only operate the RB6741-Z Touchscreen with the protective stand attached.

US Version Only: Use the RB6741-Z power adapter with restraining bracket to secure the plug in adapter to the receptacle. Only use the RB6741-Z with the power adapter and restraining bracket properly installed. For installation instructions, refer to the *RB6741-Z Touchscreen Security System Installation Manual*.



20 Mason  
Irvine, CA. 92618  
U.S.A.  
<http://www.smc.com>

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