

## 263H HSPA+ Cellular Communicator

### Description

The 263H HSPA+ Cellular Communicator provides a fully-supervised alarm communication path over the HSPA+ network. The 263H is installed in the panel enclosure and powered by the panel - no additional enclosure, power supply, or battery back-up is needed.

### Compatibility

- XT30/XT50 Series panels Version 112 or higher that do not contain a built-in modem
- XR150/XR550 Series panels

### Included Components

- One Model 263H
- One SIM card
- One Model 383 Rubber Duck Antenna
- One PCB standoff

### Installation Safety



**Ground yourself before handling the panel!** To discharge static, touch any grounded metal, such as the enclosure, before touching the panel.

**Remove all power from the panel!** Remove all AC and battery power from the panel before installing or connecting any modules, cards, or wires to the panel.

### Installing the 263H

#### For XT30/XT50 Series:

1. Insert the SIM card into the 263H as pictured in Figure 1.
2. Insert the PCB standoff end with flanges into the standoff hole in the panel PCB.
3. Hold the 263H at an angle and align the SMA antenna connector with the antenna hole in the top of the panel enclosure.
4. Align the PCB standoff with the standoff hole in the 263H.
5. Line up the 263H card 12 pin connector onto the Cell Module connector on the panel.

**Caution:** Make sure the 263H card 12 pin connector is lined up to avoid damaging the panel. See Figure 3 callout.

6. Apply even pressure to both sides of the board and push until the connector is fully seated on the module. See Figure 2.

#### For XR150/XR550 Series:

1. Insert the SIM card into the 263H as pictured in Figure 1.
2. Insert the PCB standoff end with flanges into the standoff hole in the panel PCB.
3. Align the PCB standoff with the standoff hole in the 263H.
4. Line up the 263H card 12 pin connector onto the Cell Module connector on the panel.

**Caution:** Make sure the 263H card 12 pin connector is lined up to avoid damaging the panel. There should be a space between the top of the connector and the Ethernet port. See Figure 3 callout.

5. Apply even pressure to both sides of the board and push until the connector is fully seated on the module. See Figure 3.

**Note:** If needed, the PCB can be removed from the enclosure to allow placement of the cell module.

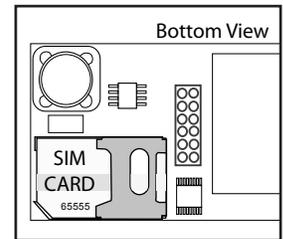
### Connecting the Antenna

#### For XT30/XT50 Series:

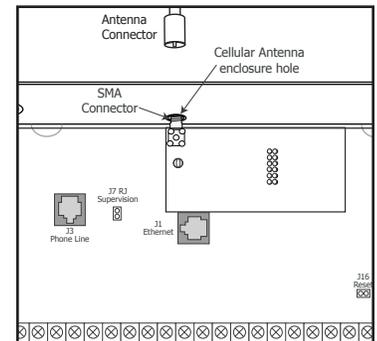
Attach the included antenna to the SMA connector. Refer to Figure 2.

#### For XR150/XR550 Series:

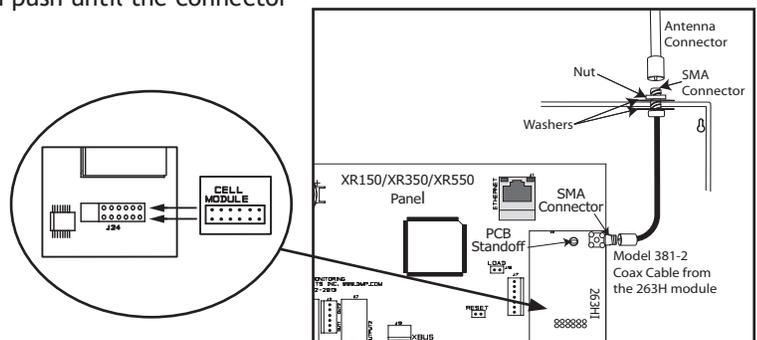
1. Attach the 381-2 cable to the SMA connector.
2. Position one of the washers onto the 381-2 SMA connector and push the threaded end through an enclosure knockout. See Figure 2.
3. Position the second washer onto the threaded end extending through the knockout and secure the nut.



**Figure 1: 263H SIM Card Installation**



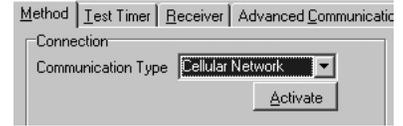
**Figure 2: 263H Installation (XT30/XT50)**



**Figure 3: 263H Installation (XR150/XR550)**

4. Attach the included 383 Antenna to the SMA connector.
5. Attach the opposite end of the 381-2 Coax to the SMA connector on the 263H. See Figure 2.

**Note:** As an alternative, an antenna coax can be connected directly to the 263H SMA connector when the coax enters the enclosure via conduit.



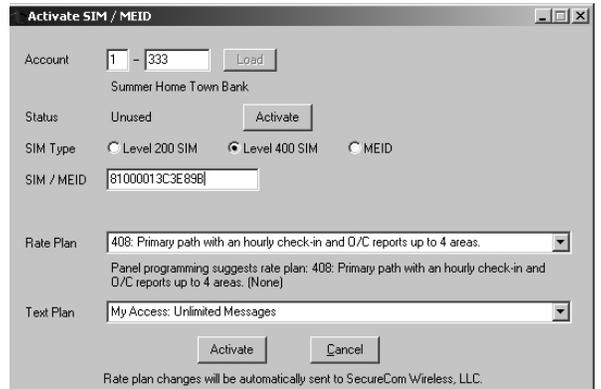
**Figure 4: Remote Link Activation**

## Activating the 263H

### Remote Link Activation

Cellular Service is required before using the 263H for signal transmission. The 263H comes ready for activation with SecureCom Wireless, LLC.

1. In Remote Link panel communication programming, select Cellular Network as the Communication Type and select the Activate button. See Figure 4.
2. In the Activate SIM/MEID window, enter the SIM number, found on the SIM card.
3. Select the rate plan for the 263H. See Figure 5.
4. Select the Activate button at the bottom of the window.



**Figure 5: Remote Link Activation**

## Performing Diagnostics

The panels provide a Diagnostics function to test the Communication integrity and Cellular Signal strength of the 263H. To use Diagnostics, reset the panel, enter the Diagnostics code 2313 (DIAG), and press COMMAND.

### Communication Status

Select COMM STATUS from the Diagnostics menu. The panel tests the 263H for the following items:

- 263H Installed
- 263H Operating
- 263H Registered
- 263H Identified
- Cellular Tower Detected
- Connect Success
- Communication Path Integration

### Cellular Signal

Select CELL SIGNAL from the Diagnostics menu. The panel tests and indicates the strength of the signal using a bar display. One bar indicates a weak signal and seven bars indicate a strong signal. The signal strength is displayed as a -dBm value.

## FCC Information

This device complies with Part 15 of the FCC Rules. Affix the included FCC label to the exterior of the panel enclosure in plain sight. 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.

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

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

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

## Industry Canada Information

### Industry Canada Class B Statement

This Class B digital apparatus complies with Canadian ICES-003.

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

This device complies with Industry Canada Licence-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.

*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.*

## Specifications

Primary Power	12VDC from panel
Current Draw	
Standby	24 mA
Alarm	28 mA

## Compatibility

XT30/XT50 Series panels  
XR150/XR550 Series panels

## Accessories

380-40	Level 400 SecureCom SIM Card
380-400R	Level 400 Rogers SIM Card
381-2	18" Coax Cable
381-12	12' Coax Extension
381-25	25' Coax Extension
383	Rubber Duck Antenna (included)
386	Outdoor Antenna Mounting Bracket
387-1	3dB Fiberglass Antenna w/Bracket
387-2	2dB Attack Enclosure Antenna
387-3	3dB MEG Antenna

## Ordering Information

263H	Cellular Communicator
263H/381-2	Cellular Communicator with 18" Coax Cable
263HCAN	Canadian Cellular Communicator

## Certifications

California State Fire Marshall (CSFM)  
New York City (FDNY COA #6167)  
FCC Part 15B and CISPR 22  
FCC ID: RI7HE910NA  
Industry Canada: 5131A-HE910NA  
ANSI/UL 294 Access Control System Units  
ANSI/UL 636 Holdup Alarm Units and System Accessory  
ANSI/UL 1023 Household Burglar  
ANSI/UL 1076 Proprietary Burglar  
ANSI/UL 1610 Central Station Burglar  
ANSI/UL 1635 Digital Burglar  
ANSI/UL 985 Household Fire Warning  
ANSI/UL 864 Fire Protective Signaling 9th Edition.  
ULC S304 Central Station Burglar  
ULC - Subject-C1023 Household Burglar  
ULC/ORD - C1076 Proprietary Burglar  
ULC - S545 Household Fire  
ULC - S559 Equipment for Fire Receiving Centers  
and Systems



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