

## 263CSMX CDMA Cellular Communicator

### Description

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

### Compatibility

The 263CSMX is compatible with XT30/XT50 Series panels (Version 112 or higher) that do not contain a built-in cellular modem and XR150/XR350/XR550 Series panels.

**Note:** The ACTIVATE CELL prompt will only display if a CDMA modem is installed. To perform the cellular activation process from a keypad, the panel must be in contact with a Verizon owned tower.

### What is Included

The 263CSMX/381-2 includes the following:

- One Model 263CSMX
- One Model 383 Rubber Duck Antenna
- One PCB Standoff
- One 381-2 Antenna Cable



### 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 263CSMX

1. Insert the PCB standoff end with flanges into the standoff hole in the panel PCB.
2. Align the PCB standoff with the standoff hole in the 263CSMX.
3. Press the 263CSMX card 12 pin connector onto the Cell Module (J24) connector on the panel while applying even pressure to both sides of the board to fully seat the module.

For XT30/XT50 see Figure 1.

For XR150/XR350/XR550 See Figure 2.

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

### Connecting the Antenna

#### All Panels:

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.
3. Position the second washer onto the threaded end extending through the knockout and secure the nut.
4. Attach the included 383 Antenna to the SMA connector. See Figure 3.
5. Attach the opposite end of the 381-2 Coax to the SMA connector on the 263CSMX. See Figure 3.

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

### Automatic Cellular Activation (XR150/XR350/XR550 Series and XT30/XT50 Series panels)

Automatic Cellular Activation is available for the 263CSMX CDMA Cellular Communicator on XR150/XR350/XR550 Series (Version 109 or higher) and XT30/XT50 Series (Version 122 or higher) control panels. If the 263CSMX Cellular Communicator has not been previously activated, Automatic Cellular Activation occurs when the panel powers up or is reset. **ACTIVATE CELL** is only necessary when Automatic Cellular Activation is not successful and communication was not established. To perform the cellular activation process from a keypad, the panel must be in contact with a Verizon owned tower.

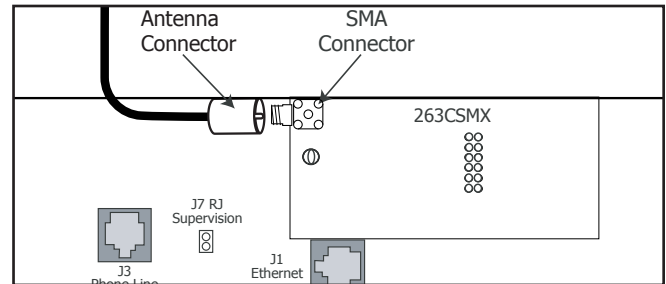


Figure 1: 263CSMX Installation (XT30/XT50)

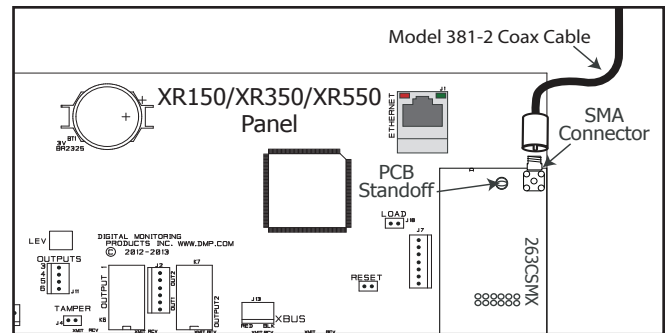


Figure 2: 263CSMX Installation (XR150/XR350/XR550)

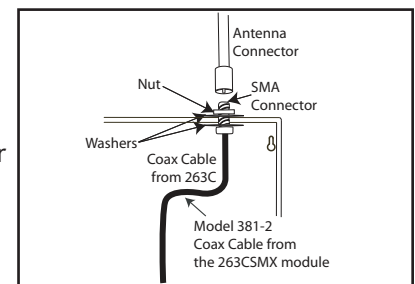


Figure 3: 263CSMX Antenna Connection

## Programming/Activation

Cellular Service is required before using the 263CSMX for signal transmission. The 263CSMX 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.

A. In the Activate SIM/MEID window, enter the MEID number, found on the 263CSMX label.

B. Select the rate plan for the 263CSMX. See Figure 5.

C. Select the Activate button at the bottom of the window.

2. After the 263CSMX is installed at the site, use a keypad and enter the panel's Diagnostics menu (2313).

A. Select **ACTIVATE CELL** by pressing a top row Select Key.

B. Press the button beneath **YES** on the next screen to activate the device.

**Note:** The **ACTIVATE CELL** prompt will only display if a CDMA modem is installed. To perform the cellular activation process from a keypad, the panel must be in contact with a Verizon owned tower.

## Diagnostics

The panels provide a Diagnostics function to test the Communication integrity and Cellular Signal strength of the 263CSMX. 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 263CSMX for the following items.

- 263C Installed
- Cellular Tower Detected
- 263C Registered
- Communication Path Integrity
- 263C Operating
- Connect Success
- 263C Identified

## 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.

**Note:** XT Series panels display **ROAM** in addition to the signal strength if the communicator is not in contact with a Verizon owned tower.

## 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.

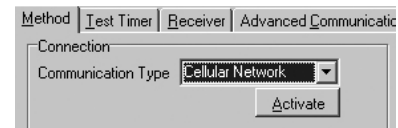


Figure 4: Remote Link Activation

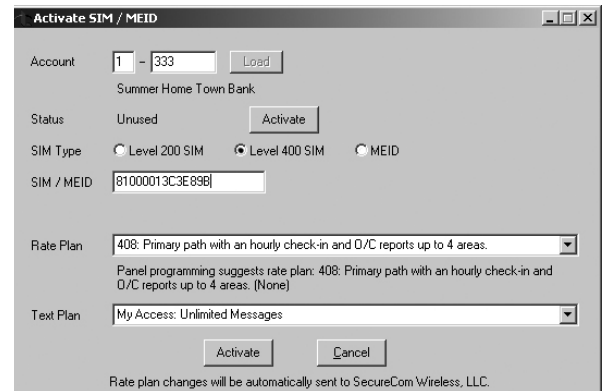


Figure 5: Remote Link Activation

## Specifications

Primary Power	12 VDC from panel
Current Draw	
Standby	13mA
Alarm	13mA

## Compatibility

XT30/XT50 Series panels  
XR150/XR350/XR550 Series panels

## Accessories

381-2	18" Coax Cable (included)
381-12	12' Coax Extension
381-25	25' Coax Extension
383	Rubber Duck Antenna (included)
386	Outdoor Antenna Mounting Bracket

## Ordering Information

263CSMX/381-2	Cellular Communicator with 18" Coax Cable
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## Certifications

California State Fire Marshall (CSFM)  
Cellular FCC Part 15: MIVCNN0301  
Cellular Industry Canada: 4160A-CNN0301  
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.  
ANSI/UL365 Police Sta. Connected Burg Alarm Units & Systems  
ANSI/UL609 Local Burg Alarm Units & Systems



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