

263LTE SERIES CELLULAR COMMUNICATOR

Installation Guide

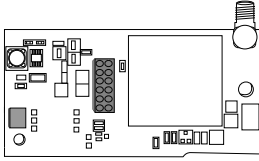


Figure 1: 263LTE

DESCRIPTION

The 263LTE Series Cellular Communicator provides a fully-supervised alarm communication path over an LTE network. The 263LTE installs on the panel inside the enclosure and is powered by the panel so no additional enclosure, power supply, or battery back-up is needed.

What is Included?

- 263LTE Cellular Communicator
- 383 antenna
- PCB standoff
- Hardware pack



1 INSTALL THE 263LTE

Caution: Touch grounded metal to discharge static before handling the panel.

XT Series Control Panels

1. Open the panel enclosure, set the reset jumper, and remove power from the panel.
2. Insert the included standoff into the panel standoff hole.
3. Align the 263LTE SMA antenna connector with the antenna hole in the top of the panel enclosure, place one washer around the connector, and secure it on the 12-pin cell module connector. See Figure 2.

Note: For XT50 and XT75 panels, install the included washers between the antenna and the panel.

4. Align the 263LTE standoff hole with the standoff already placed in the panel and snap it into place.

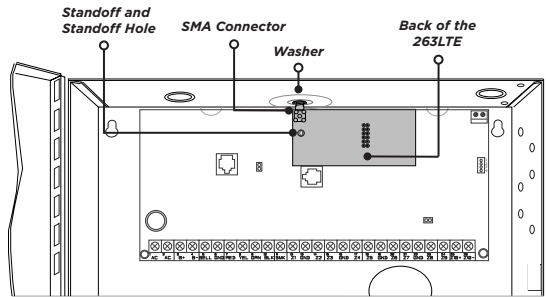


Figure 2: 263LTE on an XT Series Control Panel

XR and XF6 Series Control Panels

1. Open the panel enclosure, set the reset jumper, and remove power from the panel.
2. Insert the included standoff into the panel standoff hole.
3. Secure the 263LTE on the 12-pin cell module connector. See Figure 3.
4. Align the 263LTE standoff hole with the standoff already placed in the panel and snap it into place.

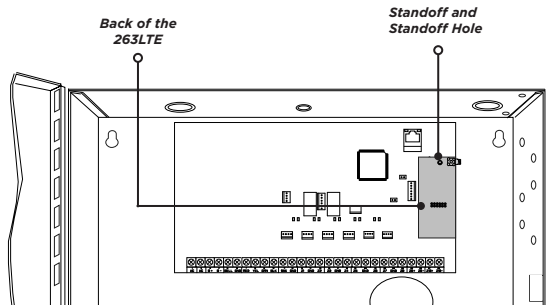


Figure 3: 263LTE on an XR and XF6 Series Control Panel

2 CONNECT THE ANTENNA


Be sure to only use the included 383 antenna when installing the 263LTE.

XT Series Control Panels

1. If installing an XT50, place the second washer around the 263LTE SMA connector and connect it to the included antenna at the hole in the top of the panel.
2. Connect the 263LTE SMA connector to the included antenna at the hole in the top of the panel. See Figure 4.

XR and XF6 Series Control Panels

1. Attach one end of the included coax cable to the 263LTE SMA connector.
2. Position one washer onto the other end of the coax cable and push the threaded end through the antenna knockout hole.

 **Note:** If installing on a system that contains a 271 ground fault module, nylon washers need to be used for installation instead of the supplied brass washers.

3. Position the second washer onto the threaded end that extends through the antenna knockout hole and secure the nut.
4. Attach the included LTE antenna to the coax cable SMA connector. See Figure 5.

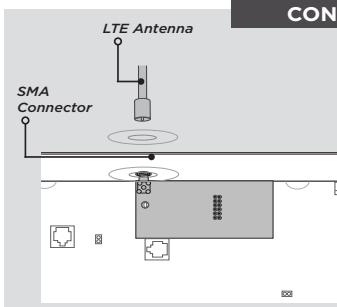


Figure 4: XT Series Control Panel

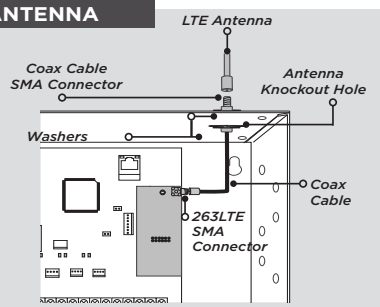


Figure 5: XR and XF6 Series Control Panel

3 ACTIVATE THE 263LTE

Before power is reapplied to the panel, cellular service needs to be activated. The 263LTE comes ready for activation with SecureCom™ Wireless, LLC. Use Dealer Admin™ (dealer.securecomwireless.com) or call DMP Customer Service (1-866-266-2826) to activate the 263LTE. For more information about using Dealer Admin, refer to dealeradmin.dmp.support

Dealer Admin Activation

1. Navigate to the Dealer Admin site (dealer.securecomwireless.com).
2. Go to **Customers** and select a customer.
3. In **Systems**, select the Add icon.
4. Enter a **System Name** and choose a **System Type**.
5. In **Connection Type**, select **Cellular** or **EASYconnect + Cell Backup**.
6. In **SIM Number**, enter the SIM number and select **Get Status**.

 **Note:** To activate DualSIM, select the checkbox next to **Use DualSIM**. Enter the two requested SIM numbers and select **Get Status**.

7. Select **Activate**.
8. In **Account Number**, enter the system's receiver number followed by the account number.
9. Select a **Rate Plan** for the 263LTE.
10. Enter the panel **Serial Number**.
11. To confirm proper communication, select **Test Connection**.
12. A dialog box displays to ask if you want to perform initial connection to the panel. Select **Yes**.
13. Configure additional options as needed, then select **Save** at the top of the page.

4 TEST THE 263LTE

The panel provides a diagnostic function to test the communication integrity and cellular signal strength of the 263LTE to the nearest tower for the cellular carrier. To use the diagnostic function, reset the panel, enter **2313** (DIAG), and press **CMD**.

Carrier Selection

This option is only available when DualSIM is active. In the event that remote connectivity is unavailable, carrier options can be manually switched on the keypad. To select a single carrier, press **ATT** or **VZW**. To use DualSIM operation, select **BOTH**.

Signal Strength Test

If DualSIM is activated, the panel automatically selects a primary carrier (AT&T or Verizon) when the panel is turned on. Once the primary is established, the panel tests the signal strength of the primary every hour. During the test, if the primary's signal drops by 10db or more, the panel then tests the backup carrier. If the backup has a stronger signal, it becomes the new primary. Every five hours, the panel automatically tests the backup's signal strength to determine the stronger signal.

Communication Status

This option tests the individual components of cellular or wireless network communication. To test the communication status, complete the following steps:

1. Select **CELL STATUS** from the Diagnostic menu. Possible test results are shown in Table 1.



Note: If DualSIM is active, an option to select **ATT** or **VZW** will appear. Select one of the carriers to test it.

2. Select **YES** to continue through the remaining component tests or select **NO** to stop testing and return to **CELL STATUS**.

Confirmed	Faulty
MODEM OPERATING	NO MODEM FOUND
IDENTIFIED	NO SIM CARD
TOWER DETECTED	NO TOWER
REGISTERED	NOT REGISTERED
CONNECT SUCCESS	CONNECT ERROR
	NOT ACTIVATED
CELL PATH GOOD	NO ACK RECEIVED

Table 1: Cell Status Test Results

FCC INFORMATION

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.

The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm (7.874 in.) from all persons. It must not be located or operated in conjunction with any other antenna or transmitter.

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 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

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.*

This system has been evaluated for RF Exposure per RSS-102 and is in compliance with the limits specified by Health Canada Safety Code 6. The system must be installed at a minimum separation distance from the antenna to a general bystander of 7.87 inches (20 cm) to maintain compliance with the General Population limits.

L'exposition aux radiofréquences de ce système a été évaluée selon la norme RSS-102 et est jugée conforme aux limites établies par le Code de sécurité 6 de Santé Canada. Le système doit être installé à une distance minimale de 7,87 pouces (20 cm) séparant l'antenne d'une personne présente en conformité avec les limites permises d'exposition du grand public.

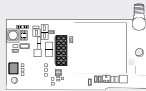
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Specifications

Primary Power 12 VDC from panel

Current Draw

- Standby 20 mA
- Alarm 20 mA (47 mA peak transmitting)



Ordering Information

- 263LTE-V Cellular Communicator for Verizon LTE
- 263LTE-2 Cellular Communicator for AT&T LTE and Verizon LTE

Accessories

- 381-2 18" Coax Cable
- 381-12 12' Coax Extension
- 381-25 25' Coax Extension
- 383 Dual Band Antenna (included)
- 386 Antenna Mounting Bracket
- 263EXT Cellular Extension Module
- 271-WASHER/10 Nylon Cup/Flat Washers, 10 Pack

Compatibility

XT30/XT50 Control Panels

Version 213 (4/12/22) and higher

XT75 Control Panels

XR Series Control Panels

Version 213 (4/8/22) and higher

XF6 Series Fire Control Panels



Note: DualSIM operation requires the following panel firmware versions:

- XT30/XT50 Control Panels Version 242 or higher
- XT75 Control Panels Version 251 or higher
- XF6 Series Control Panels Version 242 or higher
- XR Series Control Panels Version 243 or higher

Certifications

California State Fire Marshal (CSFM)

FCC Part 15: R17ME910CINV (Telit)

RI7ME910G1W1 (Telit)

XMR201707BG96 (Quectel)

XMR201907BG95M3 (Quectel)

Los Angeles Fire Department (LAFD)

Industry Canada: 5131A-ME910CINV (Telit)

5131A-ME910G1W1 (Telit)

10224A-201709BG96 (Quectel)

10224A-2019BG95M3 (Quectel)

New York City (FDNY)

Underwriters Laboratory (UL) Listed

ANSI/UL 294 Access Control System Units

ANSI/UL 1023 Household Burglar

ANSI/UL 2610 Central Station Burglar

ANSI/UL 985 Household Fire Warning

ANSI/UL 864 Fire Protective Signaling 10th Edition

Underwriters Laboratory of Canada (ULC) Listed

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



Designed, engineered, and manufactured in Springfield, Missouri using U.S. and global components.

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2500 North Partnership Boulevard
Springfield, Missouri 65803-8877

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