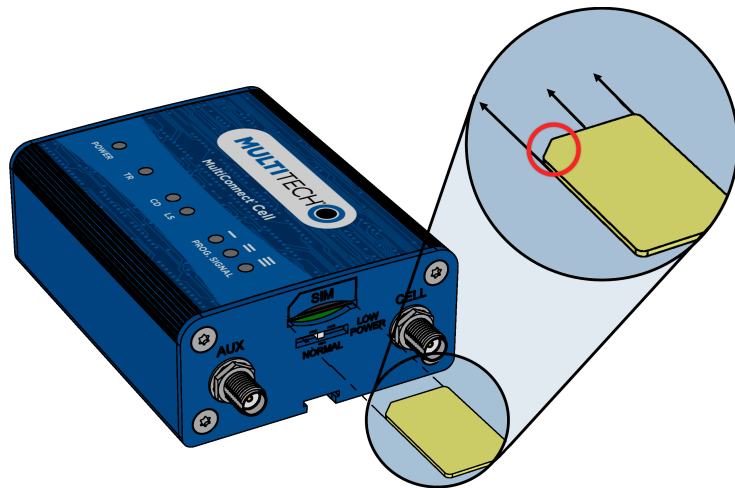


## Installing a SIM Card



If you want to operate the modem on a cellular network, install a mini (2FF) SIM card.

1. Locate the mini SIM card slot on the right side of the cellular modem. The slot is labeled **SIM**.
2. Orient the mini SIM card so the notch is on the left side, as shown. Push the SIM card into the slot until it snaps into place.

## Installing the Cellular Modem

1. Connect the antenna(s) to the suitable antenna connectors, **CELL** and **AUX**.

**Important:** If your modem has two antenna connectors, you must install two antennas.

2. Connect to the interface on the cellular modem (varies by version).

### a. Serial version:

- i. Connect the DE-9 connector (9-pin) of an RS-232 cable to the **RS-232** connector on the cellular modem.
  - ii. Connect the other end to the serial port on your computer or other desired device.
  - iii. Screw on the power lead from the power supply module into the power connection on the cellular modem.
  - iv. Plug the power supply into your power source.
- b. USB version:**
- i. Connect the mini USB connector end of the cable to the **USB** connector on the cellular modem.
  - ii. Connect the other end of the USB cable to your computer, either directly or through a hub.
3. Apply power. The **POWER LED** will light when the device powers on. The **LS LED** will blink when the device is registered.

## Regulatory Information

For full regulatory information, see your device's user guide or go to your device's page on [www.multitech.com](http://www.multitech.com)

### RED Compliance (EU)

MultiTech declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. The declaration of conformity may be requested at <https://support.multitech.com>.

### 47 CFR Part 15 Regulation Class B Devices (US)

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. Refer to the Activation, Support, and Regulatory Information insert for specific FCC compliance language.

### Industry Canada Class B Notice (CA)

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 Règlement Canadien sur le matériel brouilleur.

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

## MultiConnect® Cell 100 Series Cellular Modem

**Document Part Number:** 82131500L

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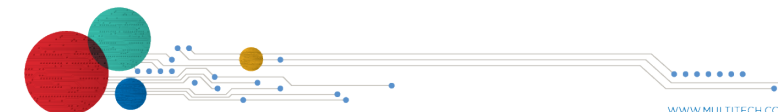
(763) 785-3500

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(763) 717-5863



## MultiConnect® Cell 100 Series Cellular Modem Quick Start



## Overview

The MultiConnect® Cell 100 Series Cellular Modem provides secure data communication between many types of devices that use both legacy and the latest communication technologies.

**Note:** Check for an updated version of this document at <http://www.multitech.com/brands/multiconnect-cell-100-series>

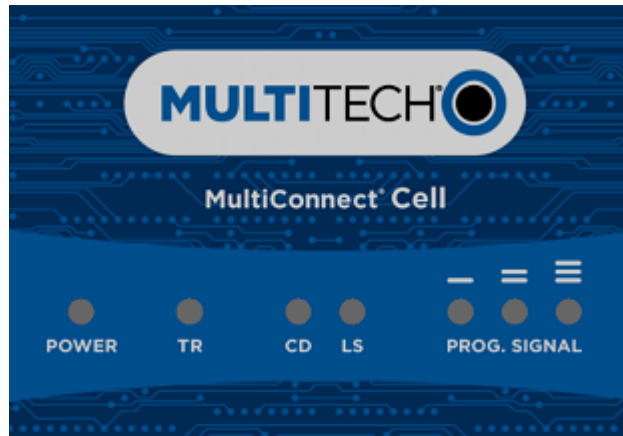
## Package Contents

Your MultiConnect® Cell 100 Series Cellular Modem can include the following (varies with model):

Device	1- MultiConnect® Cell 100 Series Cellular Modem
Cables	1 - Power cable from power supply (serial units) or USB cable (USB units)
Power Supply (serial units)	1 - 9 VDC power supply with removable blades, 1 - NAM blade/plug, 1 - EURO blade/plug, 1 - UK blade/plug, 1-AU/NZ blade/plug
Antennas	<b>LTE Cat M1:</b> 1- LTE external antenna <b>LTE Cat 4:</b> 2 - LTE external antennas
Other Items	1 - Mounting rod, 4 - Clear adhesive bumpons/mounting feet
Documents	1 - Quick Start Guide, 1 - Warranty Plans

## Additional Information

For more information on your device, refer to the appropriate user guide: <http://www.multitech.com/brands/multiconnect-cell-100-series>



## LED Descriptions

The top panel contains the following LEDs:

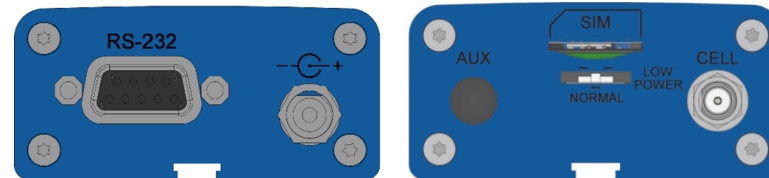
- **Power and Terminal Ready LEDs** - The Power LED indicates that DC power is present. The TR LED when lit indicates that unit is ready to receive data (serial model only).
- **Modem LEDs** - Two modem LEDs indicate carrier detection (CD LED for serial models only) and link status (LS LED).
- **Programmable Signal LEDs** - Three signal LEDs can be programmed to display the signal strength level of the wireless connection.

## Dimensions

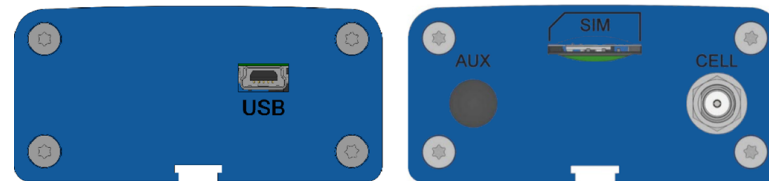
The MultiConnect® Cell 100 Series Cellular Modem measures 4.169 inches x 3.00 inches x 1.163 inches

## Side Panel Connectors – LTE Cat M1

### LTE Cat M1 Serial Models

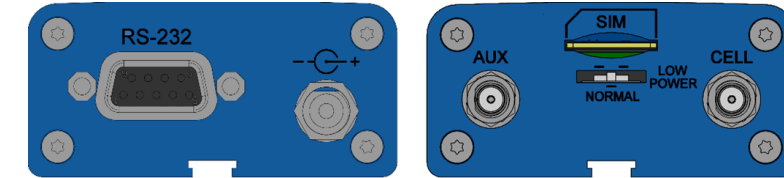


### LTE Cat M1 USB Models

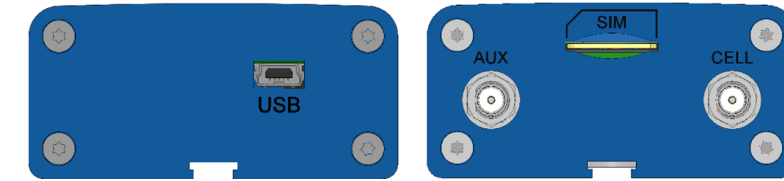


## Side Panel Connectors – LTE Cat 4

### LTE Cat 4 Serial Models



### LTE Cat 4 USB Models



## Connector Descriptions

The device has connectors on both sides of the enclosure.

The right side includes:

- **AUX** Cellular auxiliary female SMA connector (*LTE Cat 4 models only*)
- **CELL** cellular female SMA connector
- **SIM** card slot
- Power-saving switch (*serial models only*)

The left side includes:

- 5-32 VDC power connector
- **RS-232** (DE 9-pin, female-D) connector (*serial models only*)
- **USB** connector (*USB models only*)

## Mounting the Device

1. Locate the groove on the bottom of the cellular modem.
2. Slide the mounting rod through the groove.
3. To secure the rod to the desired surface, place and tighten two screws in the holes on either end of the mounting rod. Refer to the user guide for an illustration of the mounting rod, as well as the dimensions for placement of the screws.