

Installing the Cellular Modem

1. Connect the antenna to the antenna connector (**CELL**). Finger-tighten.
2. For serial models, connect to the device interface:
 - a. Connect the DE-9 connector (9-pin) of an RS-232 cable to the **RS-232** connector on the cellular modem.
 - b. Connect the other end to the serial port on your computer or other device.
 - c. Attach the power blades to the power supply.
 - d. Attach the power supply to the power connector on the cellular modem. Finger-tighten.
 - e. Plug the power supply into your power source.
3. For USB models, connect to the device interface:
 - a. Connect the mini-USB connector end of the cable to the device's **USB** connector.
 - b. Connect the USB cable's other end to your computer, either directly or through a hub.

After power is applied:

- The **POWER LED** lights after the device powers up.
- When the **LS LED** begins to blink, the device is registered.

Mounting 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.

MultiConnect® Cell 100 Series Cellular Modem Cat M1

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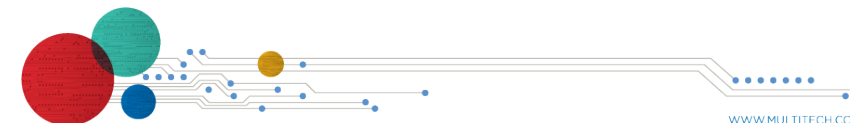
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MultiConnect® Cell 100 Series Cellular Modem Cat M1 MTC-MNK1 Quick Start



Overview

The MultiConnect Cell 100 Series Cellular Modem for Cat M1 (MTC-MNK1) provides secure data communication between many types of devices that use 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 package typically includes the following (varies with model):

Power Supply	1 - 9 VDC power supply and 1 - blade/plug (serial models)
Cables	1 - Power cable from power supply (serial models) or USB cable (USB models)
Documents	1 - Quick Start Guide, 1 - Warranty Plans, 1 - Activation, Support & Regulatory Information
Other Items	1 - Mounting rod, 4 - Clear adhesive bumpons
Device	1- MultiConnect Cell 100 Series Cellular Modem

Note: You will need an cellular antenna, which is sold separately.

Additional Information

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

Regulatory Information

위 기기는 "전파법" 제 58 조의 2 제 3 항에 따라 등록되었음을 증명합니다.

It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

Dimensions

The MTC is 4.169 inches x 3.00 inches x 1.163 inches



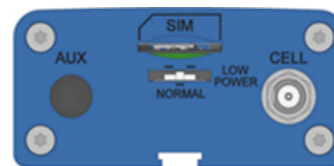
LED Descriptions

The top panel contains the following LEDs:

- **Power and Terminal Ready LEDs** - The Power LED indicates that DC power is present. The TR LED (serial model only) when lit indicates that unit is ready to receive data.
- **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.

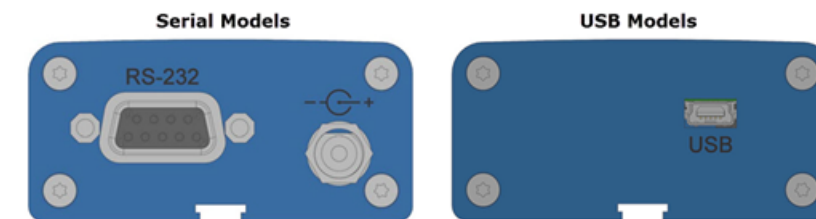
Side Panel Connectors

The device has connectors on both sides with the right side (top image) the same for all models.



The right side includes:

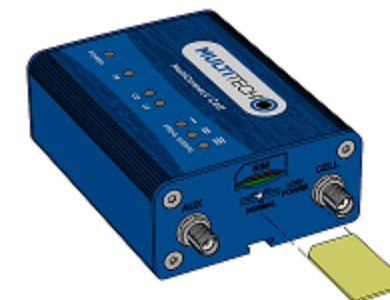
- **CELL** cellular female SMA connector
- **SIM** card slot
- Power-saving switch (serial models only)



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)

Installing a SIM Card



To operate the modem on a particular cellular network, you need a mini (2FF) SIM card from your network provider.

To install the SIM card:

1. Locate the SIM card slot on the side of the modem.
2. With the contacts down and notch on the left, push the SIM card into the slot until it snaps into place.