Using the Wizard to Connect the MTE to the Internet

After installing the SIM card and connecting cables and antennas, set up the device to connect to the Internet:

1. Wait for 60 seconds after connecting power. The computer gets IP address 192.168.2.100 via DHCP.
2. In a web browser, enter IP address 192.168.2.1.
3. Login using **admin** as both the **Username** and **Password**. If you are using the default password, you will be prompted to change it for future logins.
4. Click **Wizard** on the left.
5. Click **Next**.
6. **Change password**, if desired and click **Next**. (Recommended)
7. Set the device's **Time Zone** and click **Next**.
8. Enter and configure **APN**.
   a. Select **Manual Configuration**.
   b. Set **Country** to **Others**.
   c. Enter the **APN** provided by the SIM provider.
   d. Click **Next**.
9. Click **Apply**.
10. Wait a few minutes and check LED status. Power, SIM, Internet, and Signal LEDs are on when there is a live Internet connection. For more information on the LEDs, refer to *LED Indicators*.

After the device has a valid Internet connection, your computer automatically renews to the new IP address assigned to cellular connection and have full access to the Internet.

Upgrading Firmware

Once your device is installed, ensure the firmware is up to date.

1. Download firmware updates are available through the MTE product page on www.multitech.com.
2. Unzip the firmware BIN file and save it on your computer.
3. Verify that the computer has DHCP enabled.
4. In a browser, go to **192.168.2.1** and login to the MTE. The default **Username** and **Password** are both **admin.** If you are using the default password, you will be prompted to change it for future logins.
5. Click **System > System Related > System Tools > Firmware Upgrade**.
6. Click **Choose File** and select the BIN file you unzipped and saved to the computer.
7. Click **Upgrade**. Wait a few minutes for the upgrade to complete
8. Log in again to verify the firmware version updated.
9. Click **Wizard** and run through the Wizard setup. Refer to *Using the Wizard to Connect the MTE to the Internet*.

47 CFR Part 15 Regulation Class B Devices

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.

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.

EMC, Safety, and Radio Equipment Directive (RED) Compliance

The CE mark is affixed to this product to confirm compliance with the following European Community Directives:

Council Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment;
and
Council Directive 2014/53/EU on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.

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.

Additional User, Safety and Regulatory Content

For additional safety and regulatory content, refer to the *MultiConnect eCell User Guide* (S000644), which is available atwww.multitech.com.

MultiConnect® eCell Quick Start

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MultiConnect® eCell
MTE Quick Start

Side Panels

Connectors

Item	Description
Reset	Push and hold for 15 seconds to reset the device back to factory default settings.
Ethernet	Connect an Ethernet cable. The RJ-45 port includes an LED on lower right of the RJ-45 port. Refer to LED Indicators for details.
12V DC	Connect to the power adapter.
SIM	Insert the SIM card provided by your service provider.
CELL	Connect one antenna.
AUX	Connect the second antenna.
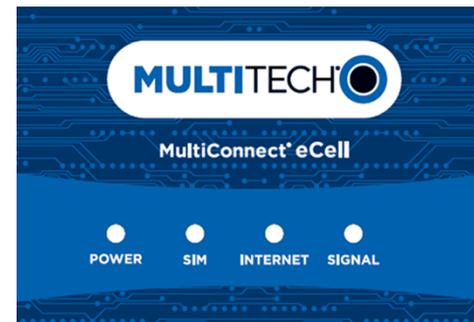
LED Indicators

Item	Description
Power	**On:** Solid when the device is in normal operational mode.
	Off: No power.
	Flashing: Device is in firmware upgrade mode, recovery mode,or needs troubleshooting.
SIM	**On:** SIM card detected and ready.
	Off: SIM card not present or not detected.
	Flashing: Detecting and querying SIM card information.
Internet	**On:** 4G/3G is established and active.
	Off: No active cellular connection.
	Flashing: Active data transferred via cellular.
Signal	**On:** Solid when there is a strong cellular signal.
	Off: No cellular signal.
	Flashing fast: Medium cellular signal.
	Flashing slow: Weak cellular signal.

Item	Description
Ethernet (On the Ethernet port)	**On:** Solid when there is an Ethernet connection.
	Off: No Ethernet connection.
	Flashing: Data is actively transmitting via the Internet.

Installing the SIM Card

This device requires a SIM card, which is supplied by your service provider. Install the SIM card before connecting antennas and cabling the device.

To install the SIM card:

1. Locate the SIM card slot on the side of the device. The slot is labeled SIM.
2. Slide the SIM card into the SIM card slot with the contact side facing down as shown. When the SIM card is installed, it locks into place.
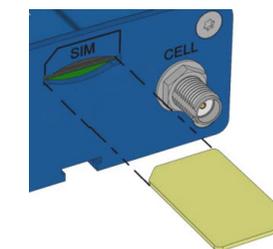
Attaching Antennas and Cables

Note: Before powering up the device, enable DHCP on your computer's Ethernet port.

1. Connect the provided antennas to the connectors labeled CELL and AUX. Finger tighten. For best cellular performance, position the top of the antennas as far apart as possible.
2. Connect the Ethernet cable between the Ethernet ports on your computer and the device.
3. Connect the power adapter to the 12V DC connector.
4. To power up the device, plug the power adapter into an electrical outlet.

Welcome

This Quick Start provides information on the MultiConnect® eCell. The Multiconnect eCell is an affordable 3G/4G Ethernet to Cellular Bridge used to enable devices with Internet service. It is a simple alternative to complex and expensive cellular routers in applications where advanced networking capabilities are already in place or are not required, but there is a need for remote access without using local wired networks

Package Contents

Description	Quantity
MultiConnect eCell modem	1
Antenna	2
Mag Mount adapter (EU SKU Only)	1
Power Adapter	1
Ethernet Cable	1
Four Rubber Feet	1
Mounting Stick	1
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