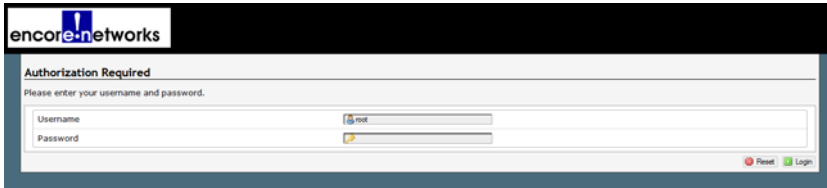


- Then press the **Enter** key or select the screen's button to **Log In** (at the far right, below the entry fields).

*EN-4000 Management System Log-In Screen*



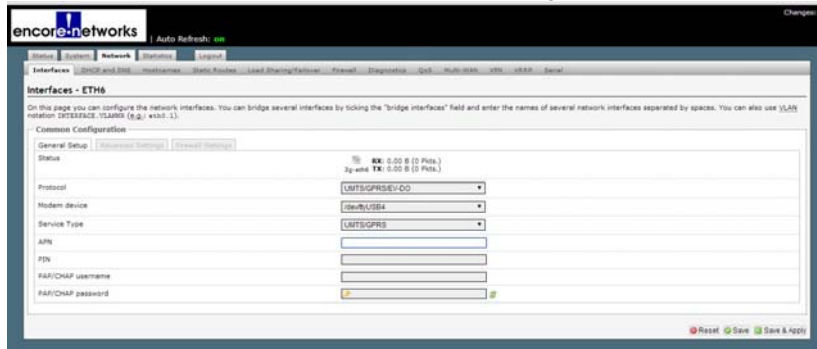
**Note:** After the initial set-up, change the EN-4000's password.

## F. Activate Each SIM on its Cellular Network

**Note:** This section applies only to GSM or LTE cellular wireless modules.

- (If the SIM package did not include instructions for configuring the Access Point Name, APN, go to [step 4.](#)) If the SIM package included instructions for configuring the APN, select the **Network** tab on the EN-4000's management system. Then select the **Interfaces** tab.
- On the Interface Overview screen, identify the row for the SIM's cellular wireless module, and select the **Edit** button near the right side of the module's row.
- On the module's Interface Configuration Screen, select **UMTS** for the **Protocol** and select **UMTS** for the **Service Type**. In the **APN** field, type the APN exactly as it is shown on the SIM package (including use of uppercase or lowercase letters). Leave the screen's other fields as they are. Select the **Save & Apply** button.

*Cellular Wireless Module Interface Configuration Screen*



- Leave the chassis powered up for 30 minutes to allow automatic over-the-air (OTA) activation to occur.

## G. Log out of the EN-4000

To close the EN-4000 management session, select the tab to **Log Out**.

**Note:** If the management system is unattended for several minutes, the session will log out automatically. To resume management, log in again.

# EN-4000™ Quick Installation Guide

## A. Collect the Items Needed for Installation

- Get everything out of the shipping box:

*EN-4000 Quick Installation Guide*



*EN-4000 Router<sup>1</sup>*



*One to Four Antennas<sup>2</sup>*



*DC Connector Set or AC Power Adapter or both*



- Get additional items required to install the EN-4000:

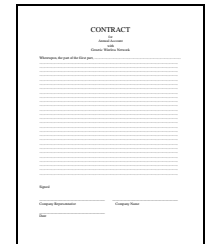
*Computer with Web-Browsing Software<sup>3</sup>*



*Ethernet Cable*



*One or Two Cellular Wireless Network Accounts<sup>4</sup>*



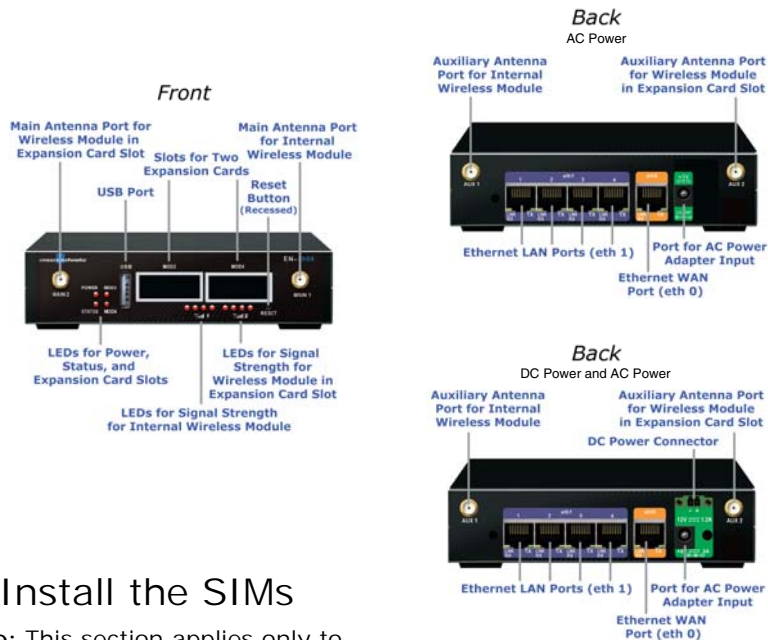
*Subscriber Identity Module (SIM) for Each Cellular Wireless Network Account<sup>4</sup>*



- This quick installation guide assumes that a Global System for Mobile Communications (GSM) cellular wireless module is in the EN-4000's internal (embedded) module slot and that a Long-Term Evolution (LTE) cellular wireless module is in slot 1 of the external expansion slots on the front of the chassis. Your order might have specified different modules. Modules ordered at the time of purchase are installed in the EN-4000 chassis before shipment.
- The number of antennas and the types of antennas are specified when the EN-4000 is ordered. Antennas might be sourced separately.
- JavaScript must be enabled in the web browser.
- Each GSM or LTE cellular wireless module must have a cellular wireless network account and a Subscriber Identity Module (SIM) for that account. Order each SIM from a cellular wireless network provider. SIMs are not shipped with the EN-4000.

## B. View the Ports on the EN-4000 Chassis

EN-4000 Chassis

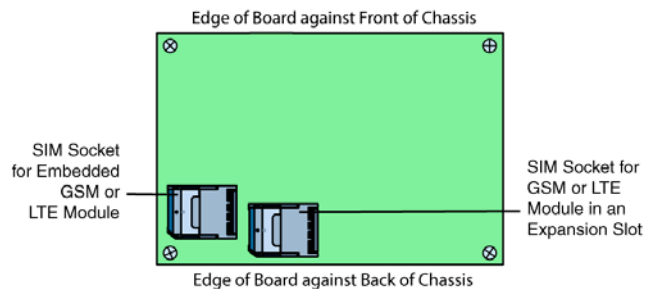


## C. Install the SIMs

**Note:** This section applies only to GSM or LTE cellular wireless modules. Use a Mini SIM (2FF Subscriber Identity Module) for your Verizon Wireless 4G LTE Account.

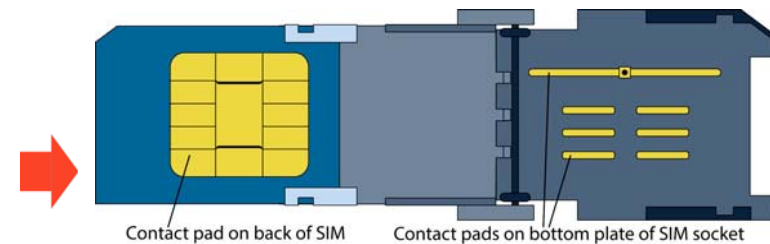
- 1 Make sure the EN-4000 is not connected to a power source. Then make sure no cables are connected to the EN-4000's ports.
- 2 Place the EN-4000 chassis on a flat, stable surface. Turn the chassis over so that it is resting on its top.
- 3 Remove the screws from the sides of the chassis, and lift the chassis shell off the bottom of the chassis. Locate the SIM sockets on the bottom of the motherboard.

SIM Sockets on Bottom of EN-4000 Motherboard



- 4 Swing a SIM socket's hinged door open. Insert a SIM between the guides on the SIM socket's door, and slide the SIM into place.

SIM Partially Inserted into the SIM Socket's Door

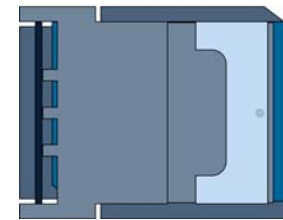


- 5 Gently close the SIM socket's door.

**Caution:** If the SIM is not in the correct position, the SIM socket's door will not close. In that case, remove the SIM and re-insert it in the correct position.

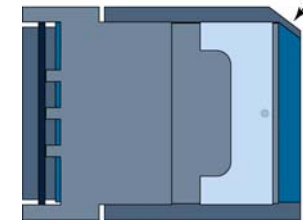
SIM in an Incorrect Position

If the SIM is positioned incorrectly, the SIM socket's door cannot close.



SIM in the Correct Position

When the SIM is positioned correctly, the SIM socket's door can close.



- 6 After installing the SIMs, re-assemble the EN-4000 chassis. Then attach antennas to the antenna ports on the chassis's front and back panels.

**Note:** The antenna ports labeled MAIN 1 (on the front panel) and AUX 1 (on the back panel) hold antennas for the embedded module. The ports labeled MAIN 2 and AUX 2 hold antennas for a module installed in an expansion slot.

## D. Connect and Start the EN-4000

- 1 Connect an Ethernet cable between the computer's Ethernet port and one of the Local Area Network ports (the set of LAN ports labeled **eth 1**) on the back of the EN-4000.
- 2 To connect safely to DC power, see the document titled *EN-4000™ Quick Connection to DC Power*. To use only AC power, connect the AC power adapter to the EN-4000 chassis, then to an AC outlet. (The chassis powers up immediately upon connection.)

## E. Log into the EN-4000

- 1 On the computer, open a web browser. In the browser's address field, type the EN-4000's LAN IP address (**192.168.10.1**) and press **Enter**.
- 2 When the EN-4000 Management System Log-In Screen opens, the EN-4000's default user name (**root**) is displayed. Type the password. (See the document *Password Policy for EN™ Routers*.)