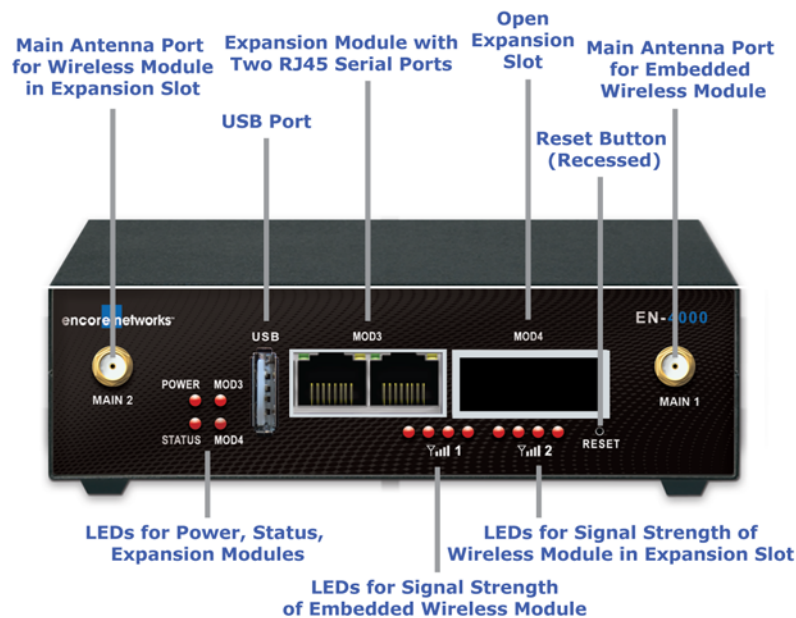# EN-4000 LEDs

This chapter provides information on the EN-4000™ chassis hardware and specifications.

E.1   EN-4000 Front Panel

Figure E-1 shows the front of the EN-4000 chassis with a dual serial-port module installed in one expansion slot. (The other expansion slot remains open.)

Figure E-1. EN-4000 Front Panel with a Dual Serial-Port Module
in an Expansion Slot

The front of the EN-4000 chassis has:

- One LED for power status

- One LED for system status

- Two LEDs for status of expansion modules

- One USB port

- One dual RJ45 serial-port module in an expansion slot
- One open expansion slot
- Two external antenna connectors for wireless modules
- Two groups of 4 LEDs to indicate cellular wireless signal strength
- One reset switch (for default software/configuration load)

E.2   LED Codes

Table E-1 describes the LEDs on the EN-4000 chassis.

Table E-1. General Status LED Definitions

LED	Color	Description
Power	Green	The unit is receiving power.
	Green (blinking)	A port has an alarm or the system needs attention.
	Off	The unit is not receiving power.
Status	Green	Connection has been made to a management terminal (or to carrier, if the port is used for data).
	Off	There is no connection.
Mod3 (expansion port)	Green	Connection to the remote device has been made.
	Off	The connection has failed.
Mod4 (expansion port)	Green	Connection to the remote device has been made.
	Off	The connection has failed.
Signal strength 1 and 2	Green	Each group of 4 LEDs indicates the status of a connection to a cellular wireless network and the strength of signals from that network:
	• Number of lights	• The number of signal-strength LEDs that light up (1 to 4 lights) indicates the strength of the signal from the cellular wireless carrier.
	• Steady	• 1 to 4 steady (unblinking) LEDs indicate that the port is connected to a cellular wireless network.
	• Blinking	• 1 to 4 blinking LEDs indicate one or both of the following: - that a cellular wireless network is available but that the port does not have an IP address. - that the cellular wireless module has not been activated on the cellular wireless network. (In either case, configure an IP address for the port, so that the port can connect to the network. See the document *Configuring General Settings for the EN-4000.*)