

Section A: Initial Configuration Using the Front Panel

You can configure an SG810 the first time you power it on using the front panel LCD and control buttons. Using the front panel you can:

- manually configure the basic settings.
- configure access to the Web setup wizard, and continue further configuration using the Web browser.
- register the SG810 with the Director. You might then push the configurations pre-staged on the Director to the SG810.

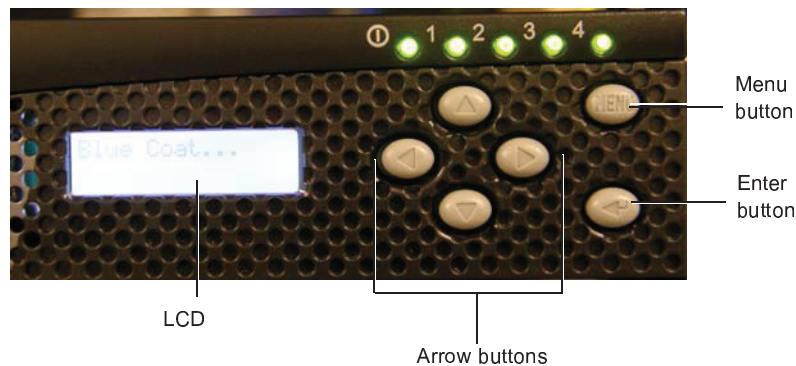


Figure 2-1: Front Panel LCD and Control Buttons

Use the LCD and the buttons to monitor the system and to set the basic networking parameters.

LCD Behavior

The front-panel LCD dims after 30 seconds. Press any button to illuminate it. The front-panel LCD behavior is configurable; see [“Configuring the Front-Panel LCD Behavior”](#) on page 59 for information.

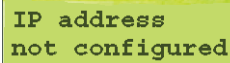
System LCD and Modes

The system has three modes, Status mode, Configuration mode, and Edit mode.

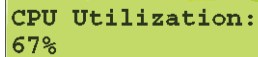
Status Mode

The default mode. Before the system is configured, the LCD in Status mode displays IP address not configured. After initial configuration, the LCD in Status mode displays CPU utilization and freshness statistics.

In Status mode, there is no cursor in the LCD.



IP address
not configured



CPU Utilization:
67%

Configuration Mode

From Status mode, push the [Enter](#) button to go to Configuration mode. In Configuration mode, you can determine which option to use for initial configuration—

- Manual
- Web wizard
- Register w. Director

Use the Up and Down arrow buttons to cycle the LCD through the networking parameters.

In Configuration mode, the cursor is an underscore in the LCD.



IP address:
010.025.036.047

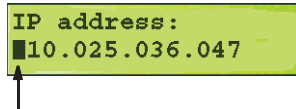
Edit Mode

From Configuration mode, use the **Up** or **Down** arrow button until the parameter you want to configure is displayed, then press the **Enter** button to go to Edit mode for that parameter (for a first-time configuration, you must begin with the first displayed parameter—IP address).

To configure the parameter, use the **Left** and **Right** arrow buttons to position the cursor over a character you want to change, then use the **Up** and **Down** arrow buttons to cycle through the characters. When the entire parameter is configured correctly, press the **Enter** button to save the setting and return to Configuration mode.




***Important:* The system automatically exits Edit mode, without saving parameter configurations, if no activity is detected for 20 seconds.**

In Edit mode, the cursor is a blinking box in the LCD.



SG810 Control Buttons

Use the control buttons in conjunction with the modes as follows:

Enter Button 	<p>The Enter button functions as follows:</p> <p>Status mode: When you push the Enter button in Status mode, the system enters Configuration mode. In Configuration mode, one of the six configurable parameters displays in the LCD (starting with IP address).</p> <p>Configuration mode: When you push the Enter button in Configuration mode, the system enters Edit mode for the parameter displayed.</p> <p>Edit mode: When you push the Enter button in Edit mode, the system saves any changes you made to the parameter displayed and returns to Configuration mode.</p>
Menu Button 	<p>The Menu button functions like an Escape key. When you push the Menu button in Edit mode, the system returns to Configuration mode, <i>cancelling any changes you made to the displayed parameter.</i></p> <p>When you push the Menu button in Configuration mode, the system returns to Status mode. Any changes you made while in Edit mode have already been saved, and are not affected when you push the Menu button in Configuration mode.</p>
Left and Right Arrow Buttons 	<p>When you push the Left and Right arrow buttons in Edit mode, the cursor moves back and forth over the configurable settings of the parameter displayed.</p>

Up and Down Arrow Buttons



When you push the Up and Down arrow buttons in Configuration mode, the system cycles through the six configurable parameters.

When you push the Up and Down arrow buttons in Edit mode, the system cycles through the characters available for the selected setting of the parameter (the selected setting is the character that the cursor is over when you push the arrow buttons).

Using the Front Panel to Configure Basic Network Settings

Use the front panel to do a quick first-time configuration of the following networking parameters on Adapter 0:

- IP address
- Subnet mask
- Gateway address
- DNS address
- Console password
- Enable password

Important: A default username (admin) is already set on the SG810. A unique console and enable password are generated automatically. You can configure the passwords now, or write down the auto-generated passwords and use them to log in, changing them later. The enable password is not required if you log in using a browser.

- 1 When the LCD displays “IP address not configured,” press Enter to enter Configure mode.
- 2 Select your preference — Manual setup, Web wizard, Register with Director.
The IP address parameter appears in the LCD, and the cursor appears as an underscore.
- 3 Press Enter again to enter Edit mode.
The cursor changes to a blinking box.

- 4 Press the Left or Right arrow to position the cursor over the characters you want to change; press the Up or Down arrow to change them.
- 5 When you have entered the characters of the parameter, press Enter to save the changes and return to Configure mode.
- 6 Press the Down arrow to move to the next parameter; press Enter to enter Edit mode.
- 7 Repeat Steps 3 through 5 for assigning the parameters. Your preference in Step 2 above triggers the sequence of parameters for which you provide values.

Note: If you had selected the Web wizard, you are directed to use the Web browser for the rest of the configuration, see *Section B: "Initial Configuration Using the Web Setup Wizard on page 30.*

If you had selected Director registration, see *Section D: "Configuring the SG810 Using Director Registration on page 48.*

If you had selected Manual setup, continue with the instructions below.

- 1 When the LCD reads, "Console password: Push to set," Press Enter to enter Edit mode and complete one of the following steps:
 - To configure the password later (after you log in), write down the auto-generated password and press the Enter button to return to Configure mode.
 - To configure the password now, follow steps 4 and 5 above.
- 2 Push the Down arrow to move to the enable password parameter; repeat steps 4 and 5 above to set the enable password.

Do not push Enter again, or a new auto-generated enable password will be created (if that happens, repeat step 4 and 5).
- 3 Push the Down arrow to move to the secure serial port parameter.

If you select Yes to secure the serial port, you must provide the administrative username/password when accessing the serial console and the setup password when accessing the setup console.

To restrict access to the front panel, configure the front panel PIN from the CLI after initial setup is complete (see *“Configuring a Front-Panel PIN”* on page 58).

- 4 Select the trial edition license that you purchased— Proxy or MACH5. If you leave the None option selected, an Invalid trial edition error message is displayed.
- 5 Press the Menu button to return to Status mode.

Initial network configuration is now complete. The LCD cycles between CPU Utilization and Freshness statistics.