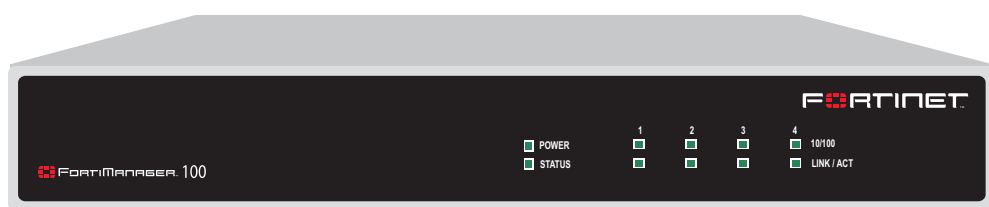


LED	State	Description
Power	Green	The FortiManager Server unit is powered on.
	Off	The FortiManager Server unit is powered off.
All Ports	Amber	The correct cable is in use and the connected equipment has power.
	Flashing	Network activity at this interface.
	Green	The interface is connected at 100 Mbps.
	Off	No link established.



Visit these links for more information and documentation for your Fortinet product.

- Technical Documentation - <http://docs.fortinet.com>
- Fortinet Knowledge Center - <http://kb.fortinet.com>
- Fortinet Technical Support - <http://support.fortinet.com>
- Training Services - <http://campus.training.fortinet.com>



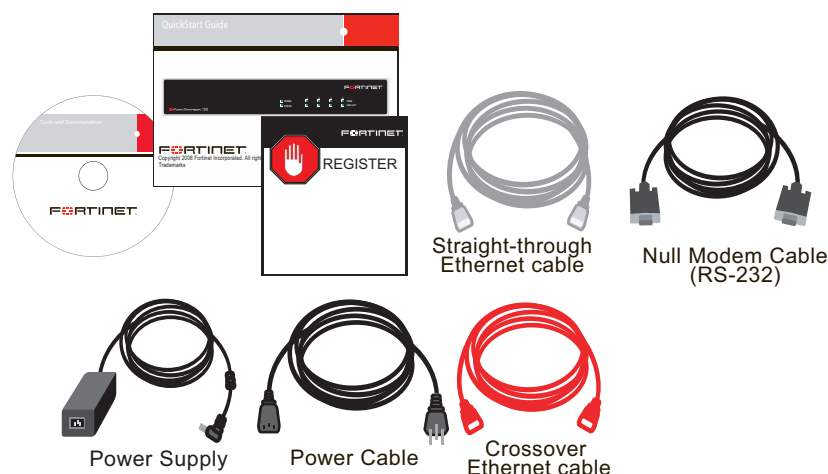
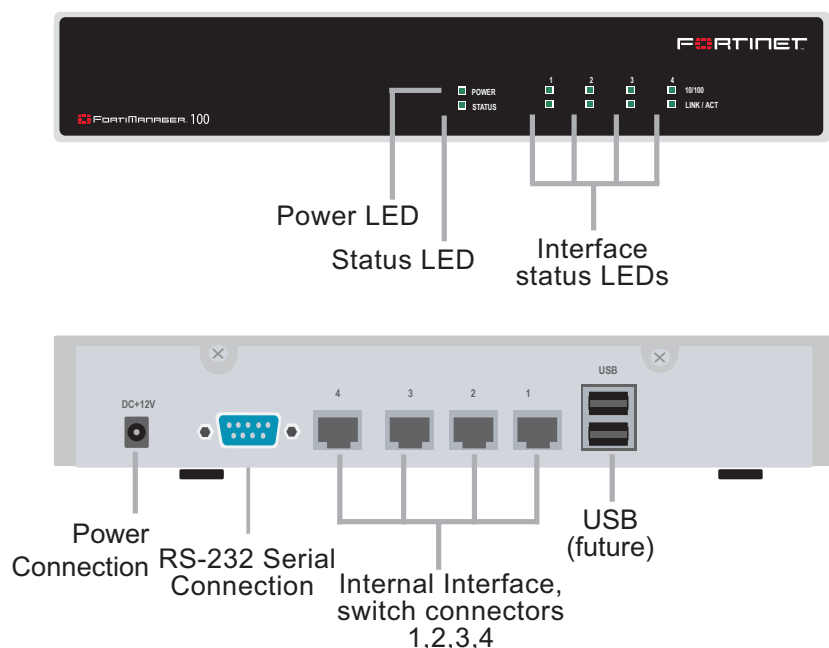
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 Regulatory Compliance  
 FCC Class B Part 15 CSA/CUS  
 27 October 2009

02-40000-112746-20091027

## Package Contents

Connector	Type	Speed	Protocol	Description
Port 1	RJ-45	10/100 Base-T	Ethernet	Connection to the network
Ports 2,3,4	RJ-45	10/100 Base-T	Ethernet	For future use.
CONSOLE	DB-9	9600 bps	RS-232 serial	Optional connection to the management computer. Provides access to the command line interface (CLI).

### Front

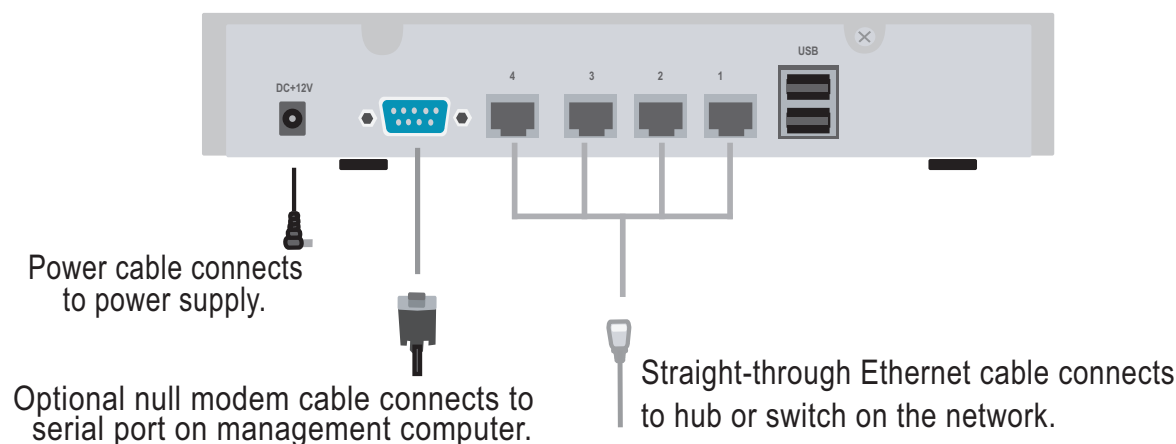


### Back

## Connecting

Connect the following to the FortiManager system. Ensure the FortiManager system is placed on a stable surface. It requires 1.5 inches (3.75 cm) clearance above and on each side to allow for cooling.

- Connect the network cable to interface 1.
- Connect the AC Power Cord to the Power Supply.
- Connect the Power Cord to a surge protected power bar or power supply.



## Configuration Tools

### Web-based manager

The FortiManager web-based manager is an easy to use management tool. Use it to configure the administrator password, the interface and default gateway addresses, and the DNS server addresses.

#### Requirements:

- An Ethernet connection between the FortiManager system and management computer.
- A web browser such as FireFox 2.0 and higher or Internet Explorer 6.0 and higher on the management computer.

### Command Line Interface (CLI)

The CLI is a full-featured management tool. Use it to configure the administrator password, the interface addresses, the default gateway address, and the DNS server addresses. To configure advanced settings, see the Tools and Documentation CD-ROM.

#### Requirements:

- The DB9 serial connection between the FortiManager system and management computer.
- A terminal emulation application (HyperTerminal for Windows) on the management computer.

# Collecting Information

## Interface configuration

Port 1 Interface:	IP:	_____
	Netmask:	_____
Port 2 Interface:	IP:	_____
	Netmask:	_____
Port 3 Interface:	IP:	_____
	Netmask:	_____
Port 4 interface:	IP:	_____
	Netmask:	_____

The interface IP address and netmask must be valid for the internal network.

## General settings

Administrative account settings	User name	admin
	Password	(none)
Network Settings	Default Gateway:	_____
	Primary DNS Server:	_____
	Secondary DNS Server:	_____

A default gateway is required for the FortiGate unit to route connections to the Internet.

## Factory default settings

Port 1 interface	192.168.1.99
Port 2 interface	0.0.0.0
Port 3 interface	0.0.0.0
DHCP server on Internal interface	0.0.0.0

To reset the FortiGate unit to the factory defaults, in the CLI type the command  
`execute factory reset`

# Configuring

## Web-based Manager

Use the following procedure to connect to the web-based manager for the first time. Configuration changes made with the Web Config are effective immediately without resetting the unit or interrupting service.

### To connect to the web-based manager

1. Connect the Port 1 interface of the unit to Ethernet port of the management computer. Use a cross-over Ethernet cable to connect the devices directly. Use straight-through Ethernet cables to connect the devices through a hub or switch.
2. Configure the management computer to be on the same subnet as the Port 1 interface. To do this, change the IP address of the management computer to 192.168.1.2 and the netmask to 255.255.255.0.
3. To access the web-based manager, in your browser, go to `https://192.168.1.99` (remember to include the "s" in `https://`).
4. Type `admin` in the Name field and select Login.

After connecting to the Web-based manager, you can configure the unit IP address, DNS server IP address, and default gateway to connect the unit to the network.

### To configure interfaces

1. Go to **System Settings > Network > Interface**.
2. Click the edit icon to configure each interface.
3. Set the IP address and netmask for the interface.
4. Click OK.

### To configure the Primary and Secondary DNS server IP addresses

1. Go to **System Settings > Network > DNS**, enter the Primary and Secondary DNS IP addresses click Apply.

### To configure a Default Gateway

1. Go to **System Settings > Network > Static Routing** and select Create New.
2. Set Gateway to the Default Gateway IP address and click OK.

## Command Line Interface

The unit has serial port. Use the null modem cable to connect it to your management computer.

### To connect to the unit

1. Use a null modem cable to connect the serial port to the management computer serial port.
2. Start a terminal emulation program (such as HyperTerminal) on the management computer. Use these settings: Baud Rate 9600, Data bits 8, Parity None, Stop bits 1, Flow Control None.
3. At the login: prompt, type `admin` and press Enter twice. (The login prompt is preceded by the server default host name.)

After connecting to the CLI, you can configure the unit IP address, DNS server IP address, and default gateway to connect the unit to the network.

### To configure the unit using the CLI

1. Set the IP address and netmask of the Port1 interface.

```
config fmsystem interface
  edit port1
    set ip <intf_ip>/<netmask_ip>
  end
```
3. Configure the primary and secondary DNS server IP addresses.

```
config fmsystem dns
  set primary <dns-server_ip>
  set secondary <dns-server_ip>
end
```
4. Configure the default gateway.

```
config fmsystem route
  edit 1
    set device <interface>
    set dst <destination_ip>
    set gateway <gateway_ip>
  end
```

## Adding an administration password

By default, the admin user does not have a password. To restrict access to the unit management account, add password for the admin user account.

### To add the admin user account password

1. Go to **System Settings > Administration > Administrator**.
2. Select the admin user name to edit the profile.
3. Select the Change Password checkbox.
4. Enter the old password.
5. Enter a new password in the New Password and Confirm Password fields.
6. Click OK.

## Adding an administration password using the CLI

To add an administration password in the CLI enter the following commands:

```
config fmsystem admin user
  edit admin
    set password
    please input password value <password>
```

## Shutting down the unit

When powering off the unit, always shut down the unit using the following procedures before disconnecting the power supply. Not following this procedure can increase the risk of damaging the hard disk.

### To power off the unit

1. Go to **System Settings > General > Dashboard**.
2. In the System Operation list, select Shut Down.
3. Click Go.
4. Once the indicates the shut down procedure has completed, disconnect the unit from the power source.

## Shutting down the unit using the CLI

Enter the following command at the prompt:

```
execute shutdown
```