

LED	State	Description
Ports 1 and 2 Left	Green	The correct cable is connected to the interface and the connected equipment has power
Ports 1 and 2 Right	Flashing Amber	Network activity at this interface.
Ports 3 and 4 Left LED	Green	The correct cable is connected to the interface and the connected equipment has power.
	Flashing	Network activity at this interface.
Ports 3 and 4 Right LED	Green	The interface is connected at 1000 Mbps.
	Amber	The interface is connected at 100 Mbps.
	Off	The interface is connected at 10 Mbps.

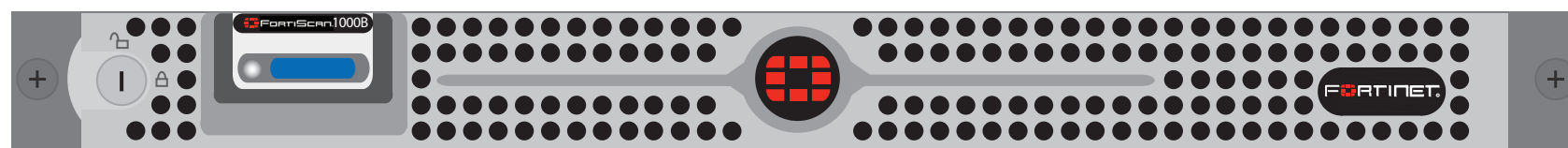


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 Regulatory Compliance  
 FCC Class A Part 15 CSA/CUS  
 27 July 2010

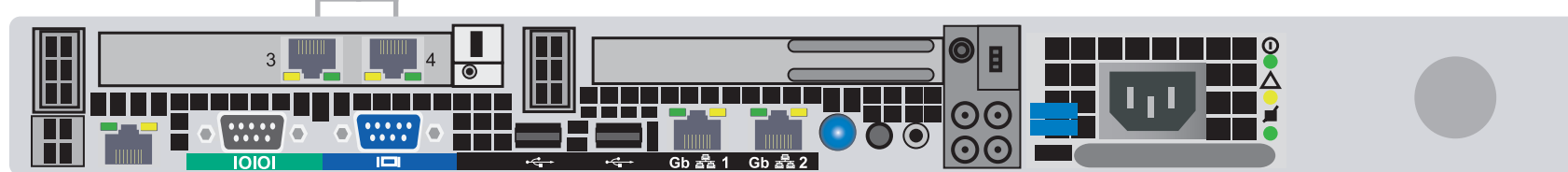
17-10000-95945-20090428

## Package Contents

Connector	Type	Speed	Protocol	Description
Ports 1 to 4	RJ-45	10/100/1000 Base-T	Ethernet	Copper gigabit connection to 10/100/1000 copper networks.
CONSOLE	DB9	9600 8/N/1	RS-232 serial	Optional connection to the management computer. Provides access to the command line interface (CLI).
USB	USB		USB	Optional connection to a USB key for firmware installation.



Ethernet ports



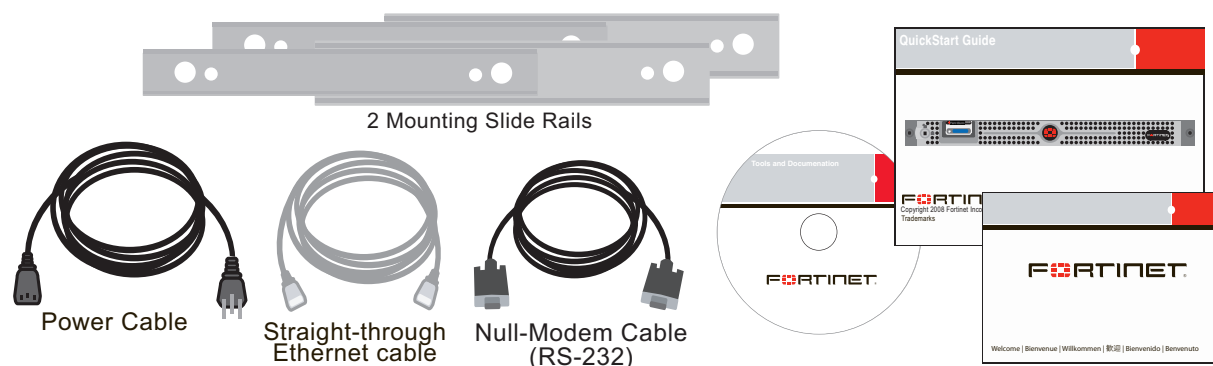
For future use

Console connection

USB

Ethernet ports

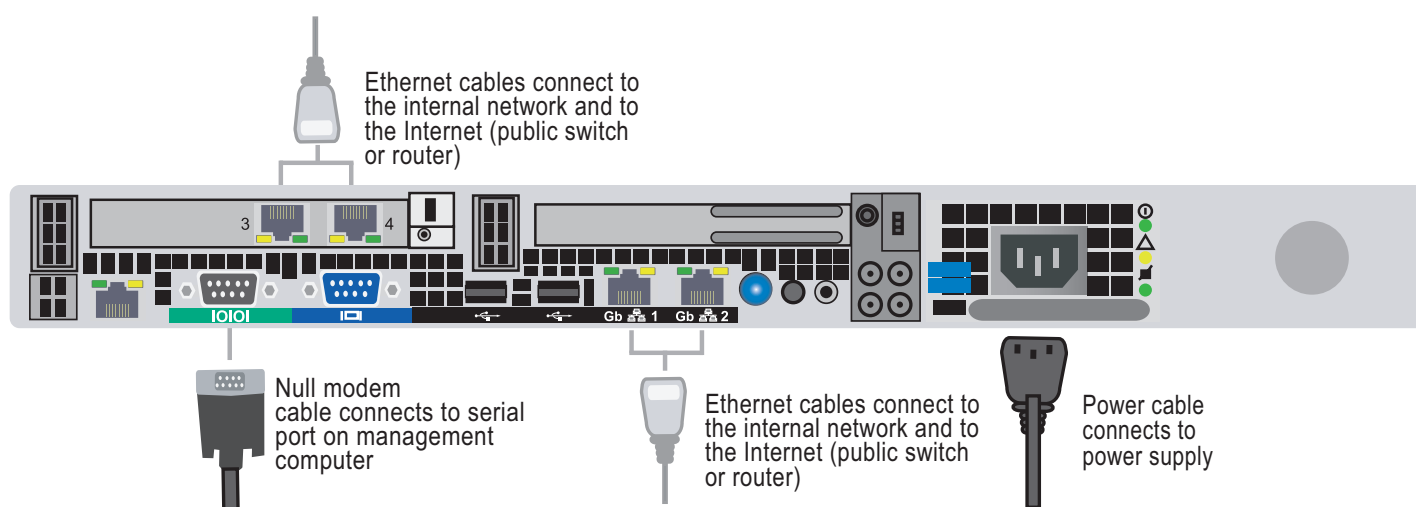
Power supply



## Connecting

Connect the following to the FortiScan unit. Ensure the FortiScan unit is placed on a stable surface or install in a standard 19 inch rack. See the *FortiScan-1000B Rack Install Guide* for details.

- Insert a network cable to port 1.
- Connect the other end of network cable to the network hub or switch.
- Connect the AC Power Cord to the Power Supply.
- Connect the Power Cord to a surge protected power bar or power supply.
- Remove the front panel and press the power button.



# Collecting Information

## Port Information

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

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

## General settings

Administrator password:		
Network Settings:	Default Gateway:	_____
	Primary DNS Server:	_____
	Secondary DNS Server:	_____

## Factory default settings

Port 1 interface	192.168.1.99	Management IP	192.168.1.99:8443
Port 2 interface	192.168.2.99	<b>Administrative account settings</b>	
Port 3 interface	192.168.3.99	User name	admin
Port 4 interface	192.168.4.99	Password	P@ssword1

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

# Configuration Tools

## Web-based manager

The FortiScan web-based manager is an easy to use management tool. Use it to configure the administrator password, the interface and default gateway addresses, add Fortinet devices and configure reports.

### Requirements:

- An Ethernet connection between the FortiScan unit and management computer.
- A web browser such as FireFox or Internet Explorer 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 included with the FortiScan unit.

### Requirements:

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

# 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-based manager are effective immediately without resetting the FortiScan unit or interrupting service.

### Requirements:

- An Ethernet connection between the FortiScan unit and management computer.
- A web browser such as FireFox or Internet Explorer on the management computer.

### To connect to the web-based manager

1. Connect the Port 1 interface of the FortiScan 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 FortiScan 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 FortiScan 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, `P@ssword1` in the Password field, and click Login.

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

### To configure interfaces

1. Go to System > Network > Interface.
2. Select the edit icon for each interface to configure.
3. Set the IP address and netmask for the interface and click OK.

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

1. Go to System > Network > DNS.
2. Enter the Primary and Secondary DNS IP addresses and click Apply.

### To configure a Default Gateway

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

## Administration password

To restrict access to the FortiScan unit management account, it is recommended that the default password is changed after you first login.

### To change the admin user account password after login

1. Go to System > Admin.
2. For the admin user, click the Change Password icon.
3. Enter a new password in the New Password box.
4. Reenter the password to Confirm Password box.
5. Click OK.

## Command Line Interface

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

### Requirements:

- The RJ-45 to DB9 serial connection between the FortiScan unit and management computer.
- A terminal emulation application (such as HyperTerminal for Windows) on the management computer.

### To connect to the FortiScan unit

1. Use a null modem cable to connect the FortiScan serial port to the management computer serial port.
2. Start a terminal emulation program (such as HyperTerminal) on the management computer.
3. Use these settings: Baud Rate 9600, Data bits 8, Parity None, Stop bits 1, Flow Control None.
4. 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 FortiScan unit IP address, DNS server IP address, and default gateway to connect the FortiScan unit to the network.

### To configure the FortiScan unit using the CLI

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

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

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

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

## Shutting down the FortiScan unit

When powering off the FortiScan unit, always shut down the unit using the following procedures before disconnecting the power supply. If you do not follow this procedure, it can increase the risk of damaging the FortiScan hard disk.

1. Enter the following command at the prompt:  
`execute shutdown`
2. To power down completely, remove the front panel and press the power button.

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

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