

Configuring continued

To configure a Default Gateway

1. Go to Router > Static and select Edit icon for the static route.
2. Set Gateway to the Default Gateway IP address you recorded above and select OK.

Transparent mode

To switch from NAT/route mode to transparent mode

1. Go to System > Config > Operation Mode and select Transparent.
2. Set the Management IP/Netmask to 192.168.1.99/24.
3. Set a default Gateway and select Apply.

To change the administrator password

1. Go to System > Admin > Administrators.
2. Select Change Password for the admin administrator and enter a new password.

To change the management interface

1. Go to System > Config > Operation Mode.
2. Enter the Management IP address and netmask that you recorded above and select Apply.

To configure the Primary and Secondary DNS server IP addresses

1. Go to System > Network > Options, enter the Primary and Secondary DNS IP addresses that you recorded above and select Apply.

Command Line Interface

1. Use the RJ-45 to DB9 serial cable to connect the FortiWifi Console port to the management computer serial port.
2. Start a terminal emulation program (HyperTerminal) on the management computer. Use these settings: Baud Rate (bps) 9600, Data bits 8, Parity None, Stop bits 1, and Flow Control None.
3. At the Login: prompt, type `admin` and press Enter twice (no password required).

NAT/Route mode

1. Configure the FortiWifi internal interface.

```
config system interface
  edit internal
    set ip <intf_ip>/<netmask_ip>
  end
```

2. Repeat to configure each interface, for example, to configure the WAN1 interface.

```
config system interface
  edit wan1
  ...
```

3. Configure the primary and secondary DNS server IP addresses.

```
config system dns
  set primary <dns-server_ip>
  set secondary <dns-server_ip>
end
```

4. Configure the default gateway.

```
config router static
  edit 1
    set device <interface_name>
    set gateway <gateway_ip>
```

```
end
```

Transparent Mode

1. Change from NAT/Route mode to Transparent mode and configure the Management IP address.

```
config system settings
  set opmode transparent
  set manageip <mng_ip>/<netmask>
  set gateway <gateway_ip>
end
```

2. Configure the DNS server IP address.

```
config system dns
  set primary <dns-server_ip>
  set secondary <dns-server_ip>
end
```

Configuring the PBX using the CLI

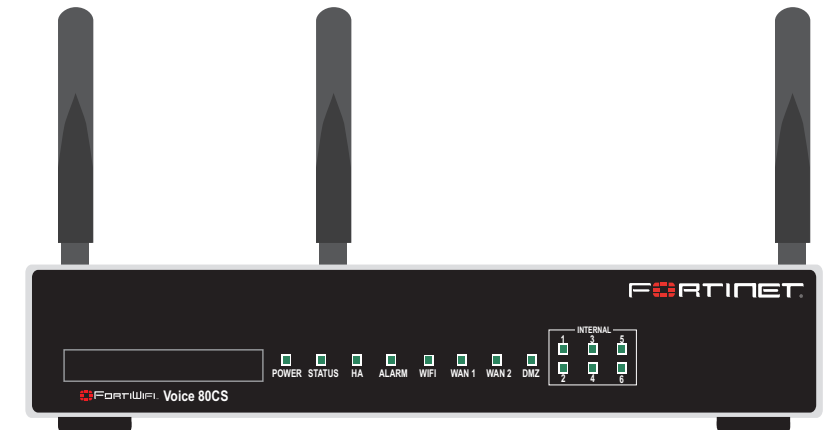
1. Configure the SP trunk.

```
config pbx sip-trunk
  edit "isip"
    set domain "sip2.isip-iphone.com"
    set user "200018"
    set display-name "Jun "
    set codec1 ulaw
    set codec2 ulaw
  next
```

2. Configure the extension number.

```
FWV # config pbx extension
FWV (extension) # edit <extension number>
FWV (<extension number>) # show
config pbx extension
  edit "6003"
    set attach enable
    set dialplan "company-default"
    set email "username@fortinet.com"
    set email-notify enable
    set first-name "User"
    set last-name "Name"
  set nat yes
    set max-msg 100
  next
end
```

FortiWifi Voice-80CS



AC Power Required	100 – 240 VAC, 50 – 60 Hz, 0.8 Amp (Max)
Power Consumption (average)	48 W
Dimensions	1.75 x 10.87 x 6.13 inches (4.45 x 27.61 x 15.57 cm)
Network Interfaces	2 10/100/1000 Ethernet WAN ports 6 10/100 Ethernet Internal Switch or Security Zone ports 1 10/100 DMZ port 2 USB ports
WLAN support	802.11 a/n or b/g/n
Express Card Slots	1 3G

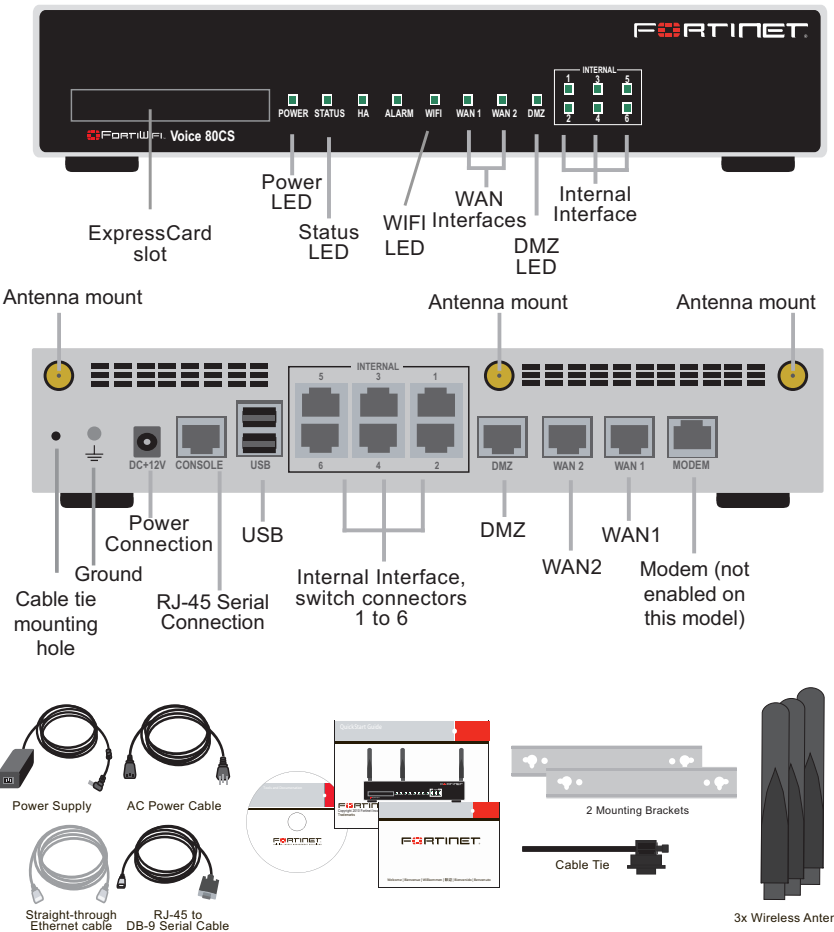
FORTINET®

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 Regulatory Compliance
 FCC Class A Part 15, / CE Mark
 5 February 2010

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Package Contents



Factory Defaults

Administrator user name	admin
Administrator password	(none)
NAT/Route mode	
Internal interface	192.168.1.99
WAN1	0.0.0.0
WAN2	0.0.0.0

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

LED Description

LED	State	Description
Power	Green	The unit is on.
	Off	The unit is off.
Status	Flashing Green	The unit is starting up.
	Green	The unit is running normally.
Internal, DMZ, WAN1, WAN2	Green	The correct cable is in use and the connected equipment has power.
	Flashing Green	Network activity at this interface.
	Off	No link established.
HA	Green	The unit being used in an HA cluster.
Alarm	Red	A critical error has occurred.
	Amber	A minor error has occurred.
	Off	No errors detected.
WiFi	Flashing green	Wireless port is active.
	Off	Wireless port not in use.

Interface Description

Interface	Type	Speed	Protocol	Description
Internal	RJ-45	10/100 Base-T	Ethernet	A 6-port switch connection for up to four devices or the internal network.
WAN1 and WAN2	RJ-45	10/100/1000 Base-T	Ethernet	Redundant connections to the Internet.
DMZ	RJ-45	10/100 Base-T	Ethernet	Optional connection to a DMZ network or to other FortiGate-80CM units for high availability (HA).
Console	RJ-45	9600 Bps 8/N/1	RS-232	Optional connection to the management computer. Provides access to the command line interface (CLI).
USB	USB		USB	Two optional connections for the USB key, modem, or backup operation.
Express-Card slot	Express-Card/34, Express-Card/54			The Universal ExpressCard slot adds wireless communications.

Connecting

Before you begin:

- Attach the wireless antennae to the back of the FortiWiFi unit.
- If using the wall-mount kit remove the rubber feet before attaching the wall mount brackets.

Connect the following to the FortiWiFi unit. Ensure the FortiWiFi unit is placed on a stable surface.

- Insert a network cable to WAN1. Insert the other end to the router connected to the Internet, or to the modem.
- Connect a network cable to the Internal port 1, 2 and 3.
- Insert the other end to a computer or switch.
- Connect the AC power cable to the power supply shipped with this product.
- Connect the power cord to a surge protected power bar or power supply.
- Insert the pointed end of the cable tie into the hole in the rear panel of the chassis to anchor the cable tie to the chassis.
- Loop the loose end around the adapter cable and insert the loose end into the locking latch.
- Pull the loose end to adjust the tightness of the loop around the adapter cable to prevent cable from being accidentally pulled out the unit.

Optional

Insert the ExpressCard (not supplied) into the ExpressCard 3G slot.

Power required: 100-240 VAC, 50-60 Hz, 0.8 Amp max

Configuring

Web-based Manager

1. Connect the FortiWiFi internal interface to a management computer Ethernet interface. 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 internal interface of the FortiWiFi unit. 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 FortiWiFi web-based manager, start Internet Explorer and browse to <https://192.168.1.99> (remember to include the "s" in https://).
4. Type `admin` in the Name field and click Login.

NAT/Route mode

To change the administrator password

1. Go to `System > Admin > Administrators`.
2. Select Change Password for the admin administrator and enter a new password.

To configure interfaces

1. Go to `System > Network > Interface`.
2. Select the edit icon for each interface to configure.
3. Set the addressing mode for the interface. (See the online help for information.)
 - For manual addressing, enter the IP address and netmask for the interface.
 - For DHCP addressing, select DHCP and any required settings.
 - For PPPoE addressing, select PPPoE, and enter the username and password and any other required settings.
 - For the WLAN, select Manual and enter an IP/Netmask. Enter the Wireless Settings and click OK.

To configure the Primary and Secondary DNS server IP addresses

1. Go to `System > Network > Options`, enter the Primary and Secondary DNS IP addresses that you recorded above and select Apply.