

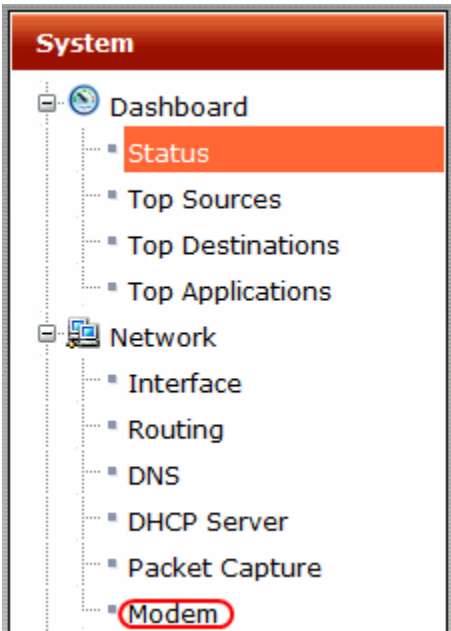
?????????????:

System Information		
Host Name	FWF60C3G [Change]	
Serial Number	FWF60C3G	
Operation Mode	NAT [Change]	
HA Status	Standalone [Configure]	
System Time	Thu Oct 25 14:58:40 2012 (3.tw.pool.ntp.org) [Change]	
Firmware Version	v5.0,build0120 (Interim) [Update] [Details]	
System Configuration	[Backup] [Restore] [Revisions]	
Current Administrator	admin [Change Password] /2 in Total [Details]	
Uptime	0 day(s) 0 hour(s) 23 min(s)	

??modem????????, ???CLI???modem??.

```
FWF60C3G11012569 # config sys mod
FWF60C3G11012569 (modem) # set status enable
FWF60C3G11012569 (modem) # end
FWF60C3G11012569 #
```

????, ??FGT?web-based manager??GUI?????. ?System>Network???????Modem??.



?????????3G USB modem??, ??????????????:

Enable Modem

**General Settings**

Primary Modem: External Modem **Dial Now**

Mode:  Standalone  Redundant

Dial Mode:  Dial on demand  Always Connect

**External Modem**

Status: ⬇ Inactive

Modem: [ Configure Modem ]

Phone Number: \*99#

User Name:

Password:

?????, ???FGT?database?, ???????3G USB modem???????, ??[Configure Modem]???????????

Vendor	
▼ Custom	
▼ Supported (v1.014)	
	AirPrime
	Alcatel
	Audiovox
	Cmotech
	Dell
	Emobile
	Emobile
	Huawei
	Huawei
	Huawei
	Huawei

???????????, Vendor ID?Product ID. ???Telit UM20???

Vendor:

Model:

Vendor ID:  (Hex)

Product ID:  (Hex)

Init String:

????????????ID??(bug?!), ??????CLI????:

```

config system 3g-modem custom
edit 1
    set vendor "Telit"
    set model "UM20"
    set vendor-id 1bc7
    set product-id 1002
next
end

```

?????, ???20~50???, ?????System>Network>Modem??, ??????????.

### External Modem

Status ⬇ Inactive

Modem Telit - UM20 [ Configure Modem ]

Phone Number

User Name

Password

?????????????, ?????reboot????????????FGT???3G USB modem?. ?????, ?????CLI?????:

```

FWF60C3G11012569 # diag sys mod detect
modem is attached.

```

???, ??????????.

??System>Network>Modem, ?????????, ?????, ???(Apply). ???3G?????, ??????????:

Phone Number

User Name

Password

\*99#?????????, ??????????. ?????????????????, ???(?????).

?????, ???3G?????????, ??????????, ?????AT Command. ??, ?????CLI??:

```

FWF60C3G11012569 # diag sys mod cmd
<at> AT command for modem

```

?cmd????????AT Command????, ?????AT?????????:

```

FWF60C3G11012569 # diag sys mod cmd at+cgdcont=1
at+cgdcont=1
OK

```

?????OK, ?????AT????3G?????; ??, ???ERROR, ?????PIN??SIM????, ?????AT????????, ?????????? PIN?(????????, ?????):

```

FWF60C3G11012569 # diag sys mod cmd at+cpin="\0000\"

```

??OK?????, ?????AT?????, ??????. ?????????.

????????CLI??, ?????AT????FGT?modem????:

```

at+cpin="\0000\"
at+cgdcont=1,\"ip\", \"internet\"

```

??CLI????AT??, ?????:

```

config system modem
  set status enable
  set pin-init "0000"
  set phonel "*99#"
  set extra-init1 "at+cgdcont=1,\"ip\", \"internet\""
end

```

pin-init????????at+cpin??, ??????, ???PIN??.

??get????????, ?????(?????):

```

FWF60C3G11012569 (modem) # get
status           : enable
pin-init         : 0000
mode             : standalone
auto-dial        : disable
dial-on-demand   : disable
idle-timer       : 5
redial           : none
holddown-timer   : 60
connect-timeout  : 90
wireless-port    : 0
phonel           : *99#

```

??, wireless-port????ttyusb0??, ??????????. pin-init????????, ???reboot??, ?????!

reboot????, ???System>Network>Modem, ??Dial Now????, ?????:

Enable Modem

**General Settings**

Primary Modem  Dial Now

Mode  Standalone  Redundant

Dial Mode  Dial on demand  Always Connect

**External Modem**

Status ⬇ Inactive

Modem Telit - UM20 [ [Configure Modem](#) ]

Phone Number

User Name

Password

?????, ??????, ?????:

Enable Modem

**General Settings**

Primary Modem: External Modem Hang Up

Mode:  Standalone  Redundant

Dial Mode:  Dial on demand  Always Connect

**External Modem**

Status: Connecting...

Modem: Telit - UM20 [ [Configure Modem](#) ]

Phone Number: \*99#

User Name:

Password:

?Connecting????, ????Hang Up????????, ????, ??20~30???, ????System>Network>Modem?????????????, ?????? ??????:

Enable Modem

**General Settings**

Primary Modem: External Modem Hang Up

Mode:  Standalone  Redundant

Dial Mode:  Dial on demand  Always Connect

**External Modem**

Status: ✔ Connected (0:01:18)

Modem: Telit - UM20 [ [Configure Modem](#) ]

Phone Number: \*99#

User Name:

Password:

Connected????????, ??3G????????????, ?????????????????, ????CLI????????(??FGT????????????3G??).

```
FWF60C3G11012569 (modem) # show
config system modem
  set status enable
  set pin-init "0000"
  set auto-dial enable
  set phone1 "*99#"
  set extra-init1 "at+cgdcont=1,\"ip\", \"internet\""
end
```

??????3G????????????????????, ??????, ?????????????????.

????????, ??System>Network>Interface?????Modem??????IP??.

<input type="checkbox"/>	Name	IP/Netmask
<input type="checkbox"/>	dmz	10.10.10.1 / 255.255.255.0
<input type="checkbox"/>	wan2	192.168.101.99 / 255.255.255.0
<input type="checkbox"/>	wan1	60.250.189.166 / 255.255.255.0
<input type="checkbox"/>	modem	42.71.159.99 / 255.255.255.255
<input type="checkbox"/>	internal	192.168.1.99 / 255.255.255.0
<input type="checkbox"/>	wifi (SSID: fortinet)	10.10.80.1 / 255.255.255.0

?????????, ??????3G???FGT?????

Notes: Dial Now???CLI?????: exe mod dial ; ??(Hang Up)??exe mod hangup