

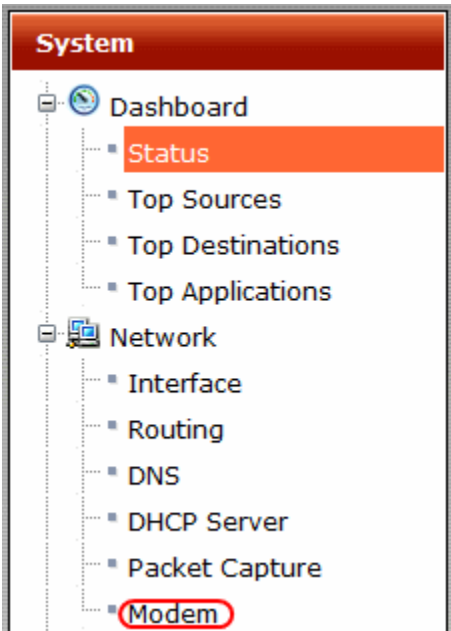
?????????????:

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

Mode Standalone Redundant

Dial Mode Dial on demand Always Connect

External Modem

Status ⬇ Inactive

Modem [Configure Modem]

Phone Number

User Name

Password

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

Vendor	
+ Create New	
Edit Delete Update Now	
▼ 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 phone1 "*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
phone1           : *99#

```

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

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

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 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