

□ IPOA Mode Installing

IPOA of DREAMLINK DL-2000E ADSL modem allots IP address to each Network Interface of ADSL Modem and makes ADSL Modem such as Router. It is usual for SOHO, etc. and the service type is "3".

IPOA IP Address is static IP given from service provider.

```
----- Service Type Change Mode -----  
  
Service type [1:BRIDGE 2:PPPOA 3:IPOA] (0) ? 3  
Vpi Number[0-255] (0) ? 0  
Vci Number[0-65535] (40) ? 40  
Pcr Number[0-65535] (65535) ? 65535  
  
Ethernet IP Addr ( ) ? 192.168.101.2  
IPOA IP Addr ( ) ? 192.168.102.2  
Default Gateway ( ) ? 155.155.155.0  
  
Updating flash filing system ... done  
  
ADSL Modem S/W Reset [y/n] ?
```

1.7.2.2 Initial Service

sets up the service type of DREAMLINK DL-2000E ADSL modem as Bridge Mode

It's standard value is VPI = 0, VCI=40, PCR=65535, IP=192.168.101.2 and is automatically installed and also set up T1.413, Coding Gain = Auto for the standard of GlobeSpan Chip.

```
----- Initial Service Change Mode -----

Service type      : BRIDGE
Vpi Number       : 0
Vci Number       : 40
Pcr Number       : 65535
[GSI parameter]
standard item    : T1.413
pmode item      : ENABLE
coding gain item : AUTO
tx power atten   : 3

Updating flash filing system ... done

ADSL Modem S/W Reset [y/n] ?
```

1.7.3 Ethernet Functions

is composed of [31] Show Statistics and [32] Reset Statistics
The detail function is as below.

1.7.3.1 Show Statistics

is the function to show the sending /receiving data statistics of Ethernet Packet for DREAMLINK DL-2000E ADSL modem.
The detail display is as below.

Receive Statistics		Transmit Statistics	
Total Octets	250638	Total Octets	66615
Units Frames	1058	Unicast Frames	819
Non-unicast Frames	885	Non-unicast Frames	42
Discards	0	Discards	0
Errors	0	Errors	0
Unknown Protocol	2		

Any key return main menu ==>

1.7.3.2 Reset Statistics

is the function to reset "0" the sending/receiving data statistics for Ethernet Packet of DREAMLINK DL-2000E ADSL modem .

1.7.4.ATM Functions

is composed of [41] Show Connection, [42] Show Statistics. The detail function is as below.

1.7.4.1 Show Connection

is the function to show the ATM information of DREAMLINK DL-2000E ADSL modem

It shows VPI, VCI, Packet figure.

The detail display is as below..

```

<----->
<----- Show ATMConnection ----->
<----->

Port al
0: Enabled TxPkts: 0 RxPkts: 0/0 TxVPI/VCI: 0/0 RxVPI/VCI: 0/0
1: Enabled TxPkts: 0 RxPkts: 0/0 TxVPI/VCI: 0/0 RxVPI/VCI: 0/0
2: Enabled TxPkts: 0 RxPkts: 0/0 TxVPI/VCI: 0/0 RxVPI/VCI: 0/3
3: Enabled TxPkts: 0 RxPkts: 0/0 TxVPI/VCI: 0/0 RxVPI/VCI: 0/4
4: Enabled TxPkts: 497 RxPkts: 0/0 TxVPI/VCI: 0/40 RxVPI/VCI: 0/40

Any key return main menu ==>>

```

1.7.4.2 Show Statistics

is the function to show the transmit /receive data of ATM Layer for DREAMLINK DL-2000E ADSL modem .

The detail display is as below..

Receive Statistics		Transmit Statistics	
Total Octets	250638	Total Octets	66615
Units Frames	1058	Unicast Frames	819
Non-unicast Frames	885	Non-unicast Frames	42
Discards	0	Discards	0
Errors	0	Errors	0
Unknown Protocol	2		

Any key return main menu ==>

1.7.5 ADSL Functions

ADSL Function is composed of [51] Parameter Update, [52] Show Link Status, [53] Show Error Status, [54] Show Link Progress.

The detail function is as below.

<Parameter Update>

```
-----
----- Modem Chip Parameters Update -----
-----

ADSL Standard Mode :
[0]T1.413  [1]G.lite  [2]G.dmt  [3]Alct114  [4]Multi
[5]ADI     [6]Alct1   [7]UAWG   [8]T1.413-Auto

Standard type (0) ? 0
GlobeSpan CO (y/n) ? y
tx_power_atten [0~12] (0) ? 0
coding gain [0~7:db 8:Auto-Gain] (8) ? 8

Updating flash filing system ... done
ADSL Modem S/W Reset [y/n] ?
```

<Show Error Status>

ADSL Modem Error Counters		
Item	Local Errors	Remote Errors
RSI	0	0
RSF	0	50
CRSI	0	0
CRSF	2	0
SEF	0	0
LOS	0	0
NCDI	0	0
NCDF	0	0
OCDI	0	*
OCDF	0	*
HECI	0	0
HECF	0	6

Any key return main menu →

1.7.5.1 Parameter Update

is the function to set up parameter GlobeSpan, Chipset of DREAMLINK DL-2000E ADSL modem.

It sets up Standard Type, Tx Power, Coding Gain and if ADSL Chip of FLC and DSLAM is GlobeSpan, please input "y", or not "n" in "GlobeSpan CO ?"

```
----- Modem Chip Parameters Update -----
```

```
ADSL Standard Mode :
```

```
[0]T1.413  [1]G.lite  [2]G.dmt  [3]Alct114  [4]Multi  
[5]ADI     [6]Alct1   [7]UAWG   [8]T1.413-Auto
```

```
Standard type (0) ? 0
```

```
GlobeSpan CO (y/n) ? y
```

```
tx_power_atten [0~12] (0) ? 0
```

```
coding gain [0~7:db 8:Auto-Gain] (8) ? 8
```

```
Updating flash filing system ... done
```

```
ADSL Modem S/W Reset [y/n] ?
```

1.7.5.2 Show Link Status

is the function to show Link with FLC and DSLAM of DREAMLINK DL-2000E ADSL modem

It shows Standard Type, Link Rate and Data Rate

The detail menu is as below.

----- ADSL Modem Actual parameters -----	
[ACTUAL CONFIG]	
Standard	: T1.413
Firmware	: H.65.1.1
Frame type	: 0x3
Trellis type	: Enable
D/S latency	: Fast
U/S latency	: Fast
[LINK RATE]	
Downstream	: 7680 [Kbps]
Upstream	: 832 [Kbps]
[DATA RATE]	
Downstream	: 6912 [Kbps]
Upstream	: 749 [Kbps]
Any key return main menu ==>	

1.7.5.3 Show Error Status

is the function to show the Line Error of DREAMLINK DL-2000E ADSL modem. RSI, RSF is counter which is recovered data error by Line Noise Error CRSI, CRSF is CRC Error.

LOS is appeared in case of stopping ADSL Line because of Loss of Signal. In this time ADSL modem tries to connect again.

The detail display is as below.

ADSL Modem Error Counters		
Item	Local Errors	Remote Errors
RSI	0	0
RSF	0	50
CRSI	0	0
CRSF	2	0
SEF	0	0
LOS	0	0
NCDI	0	0
NCDF	0	0
OCDI	0	*
OCDF	0	*
HECI	0	0
HECF	0	6

Any key return main menu →

1.7.5.4 Show Link Progress

It shows the Link progress with FLC and DSLAM of DREAMLINK DL-2000E ADSL modem,

The normal progress is to start in Download Progress 80 and then to end AD. ADSL Link should be normally connected to perform High-speed internet service.

The detail display is as below.

```
Download Progress ... 80
Download Progress ... 80
Download Progress ... 80
    == committed ==
Download Progress ... A3
Download Progress ... A3
Download Progress ... A3
    == committed ==
Download Progress ... 55
Download Progress ... 5d
Download Progress ... 5d
Download Progress ... Ad
Download Progress ... Ad
Download Progress ... Ad
```

1.7.6 EXIT

Ends the MMC management of DREAMLINK DL-2000E ADSL modem when you input "9" in Select Number.

1.8 DREAMLINK DL-2000E ADSL MODEM FEATURES.

Model	: DREAMLINK DL-2000E
Power	: Adapter (+5V/12V) 110-220VAC Free Voltage
Chip set	Globespan
Port	POTS, 10Base-T, Console
Mode	UADSL (G.Lite)/RADSL (G.ㄴ)
External Splitter	
Management	S/W download of TFTP
Link Status	ADSL / LAN / MODEM status
Protocol	RFC1483 Bridge RFC1483 Router RFC2364 PPPOA RFC2516 PPPOE

Traffic Shaping PCR (Peak Cell Rate)

**TELEDREAM try to do our best
for customer's convenience and satisfaction
Thank you very much for you to purchase
DREAMLINK DL-2000E ADSL Modem**

**If you have any problem or inconvenience,
please do not hesitate to contact our sales team.
We promise to show you kindness about all problem.**