

Configure MB8000 for Cingular networks

1. Plug the data card into the PCMCIA slot of MB8000 and Power on MB8000.
2. Go to the Web GUI of MB8000 ->Setup->Network->Wireless Internet:

Setup — Network — Wireless Internet

Card Status:	Enable ▾
Connection Type:	GPRS
PhoneNumber:	*99***1#
UserName:	ISP@CINGULARGPRS.C
Password:	*****
APN:	isp.cingular
CID:	1
PDP Address:	0.0.0.0
Data Compression:	0
Head Compression:	0
Remote IP Negotiation:	Enable ▾
Primary DNS Negotiation:	Enable ▾
Secondary DNS Negotiation:	Enable ▾
LOCALWAN IP Negotiation:	Enable ▾
Static IP Address:	192.168.1.254
AT Command:	

Below is the detail explanation for each parameter. You need to pay attention to the: Card Status, Phone Number, Username, Password and APN.

- **Card status:** Enable or disable the wireless card status. When CDMA and EVDO card is used, the default value is Enabled, otherwise Disabled.
- **Connect Type:** Indicates the wireless card's type: CDMA, EVDO, GPRS, or UMTS.
- **Phone Number:** This parameter is used to provide a phone number for modem.
- **User Name:** This parameter is used to provide a user name for modem.
- **Password:** This parameter is used to provide a password for modem.
- **APN:** (Access Point Name) A string parameter, which is a logical name that is used to select the GGSN or the external packet data network.
- **CID:** (PDP Context Identifier) A numeric parameter, which specifies a particular PDP context definition.
- **PDP Address:** A string parameter that identifies the MB8000 in the address

space applicable to the PDP.

- Remote IP Negotiation: Enable or disable MB8000 to negotiate with service provider to get peer IP address.
- Primary DNS Negotiation: Enable or disable MB8000 to negotiate with service provider to get primary DNS address.
- Secondary DNS Negotiation: Enable or disable MB8000 to negotiate with service provider to get secondary DNS address.
- Local WAN IP Negotiation: Enable or disable MB8000 to negotiate with service provider to get local WAN IP address.
- Static IP Address: When LOCAL WAN IP Negotiation is disabled, MB8000 will use Static IP Address as PDP address.
- AT Command: This parameter is used to initialize modem with some AT commands.
- Connect: connect to Internet.
- Disconnect: disconnect to Internet.
- Submit: submit and save the parameters.

3. Set the card status to "Enable" to enable the 3G Data card, input the Phone Number, Username, Password and APN correctly as below:

- Phone number: *99***1#
- Username: ISP@CINGULARGPRS.COM
- Password: CINGULAR1
- APN: isp.cingular

Note: In some cases, you may try different Phone number and CID if you can not get on line with default setting. For example: Phone number: *99***2# with CID: 2; Phone number: *99***3# with CID: 3; Phone number: *99***4# with CID: 4. We have met with such case where Phone number: *99***1# with CID: 1 can't work but Phone number: *99***4# with CID: 4 works fine.

4. Leave all the other parameters as the default value then submit the configurations.

6. Press "submit" button to save the parameter. Then follow the instruction to reboot MB8000.



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