

SIM5250 PC Manager User Guide

Draft
















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Icons in the main window

ICON	MEANING
	PC Manager has detected the presence of data card.
	PC Manager has NOT detected the presence of data card.
	Signal level
	Network connected
	Network disconnected
	GSM in use
	GSM not in use
	EDGE in use
	EDGE not in use
	HSDPA in use
	HSDPA not in use
	WCDMA in use
	WCDMA not in use
	Messages are full
	High temperature alert

Installation

Run the Setup.exe to install the PC software and drivers.

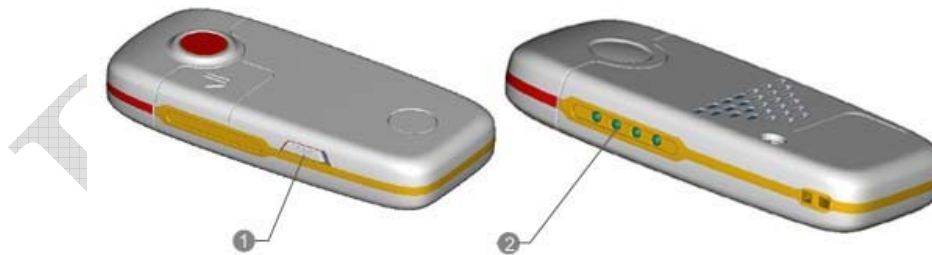
If the Setup.exe is run in the USB mass storage that Data Card provides itself, please toggle the switch from USB mode to Modem mode when the Setup requires you to insert the device and then re-plug the device in your computer.

Mode switch and Led indicators

The SIM5250 support USB mode and Modem mode, but you must toggle the mode switch manually.

The SIM5250 has 4 led indicators represent different work modes. (As described in the appendix.)

Here's the mode switch and the Led indicators of data card:



- 1 – Mode Switch
- 2 – Led Indicators

The main window

Here's the main window of data card's PC Manager:



- 1 – Connect/Disconnect with the network
- 2 – Phone Book
- 3 – SMS
- 4 – The indication of data card's status, where items included are status bar, carrier's logo, network in use, number of unread messages, network connecting time and forward/reverse rate. If there's no SIM card inserted, a message "No SIM Card!" shows.
- 5– Dropdown menu, including Internet, Tools, Options, Help. Make proper configuration to functions and the data card.

Data Link

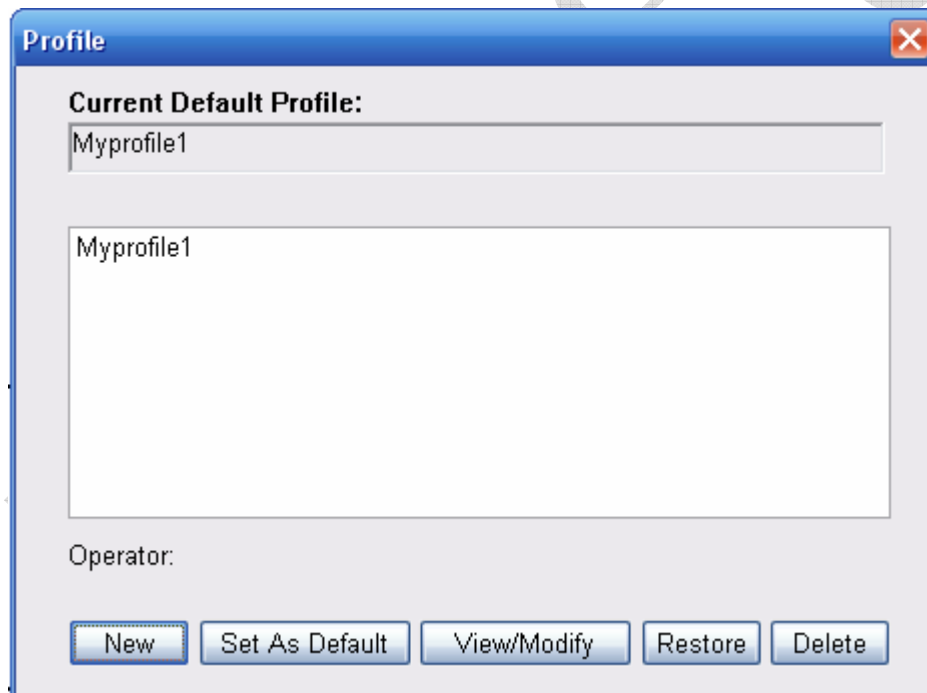
You can establish a dialup data link over GSM/WCDMA via the data card.

The dialup data link requires the coverage of GSM, GPRS, EDGE, or WCDMA. In each of the link, the data card will be connected to a specific phone number.

(The data card support HSDPA up to 7.2 Mbps and WCDMA 384kbps.)

Establishing a data link

1) Select “Internet→Profiles”,



2) Choose a profile in the list, and then click on “Set As Default”,

3) Select “Internet → Connect”, or click on the button “Connect”, to establish a data link.

Disconnect a data link

To disconnect, select “Internet→Disconnect”, or click on the button “Disconnect”.

Profiles (Dialup Configuration)

Add a dialup Configuration

- 1) Select “Internet→Profiles”;
- 2) Select “New”, enter the Profile Name and choose a Network in the popup window; setup for the dialup in the advanced options; click on “Finish” to save and close the window;
 - Each profile depends on the setup settings of the carriers. For example, China Mobile’s GPRS only requires to set the dialup number as *98#, APN “CMNET”.
 - If the settings of CSD, DNS, PPP and TCP/IP are needed, click on “Advanced Settings” and make proper selections. After completing, click on “OK” to save and close the window. Refer to Windows’ network properties for these settings.

Set Default

- 1) Select “Internet→ Profiles”;
- 2) Choose a profile in the list, and then click on “Set as Default”.

Modify a dialup configuration

- 1) Select “Internet→ Profiles”;
- 2) Choose a profile in the list, and then click on “View/Modify”;
- 3) Make proper modifications;
- 4) Click on “Finish” to save and close the window.

Delete a dialup configuration

- 1) Select “Internet→ Profiles”;
- 2) Choose a profile in the list, and then click on “Delete”;
- 3) In the confirmation box, click on “OK” to proceed.

Restore

- 1) Select “Internet→ Profiles”;
- 2) Click on “Restore” for initial settings.

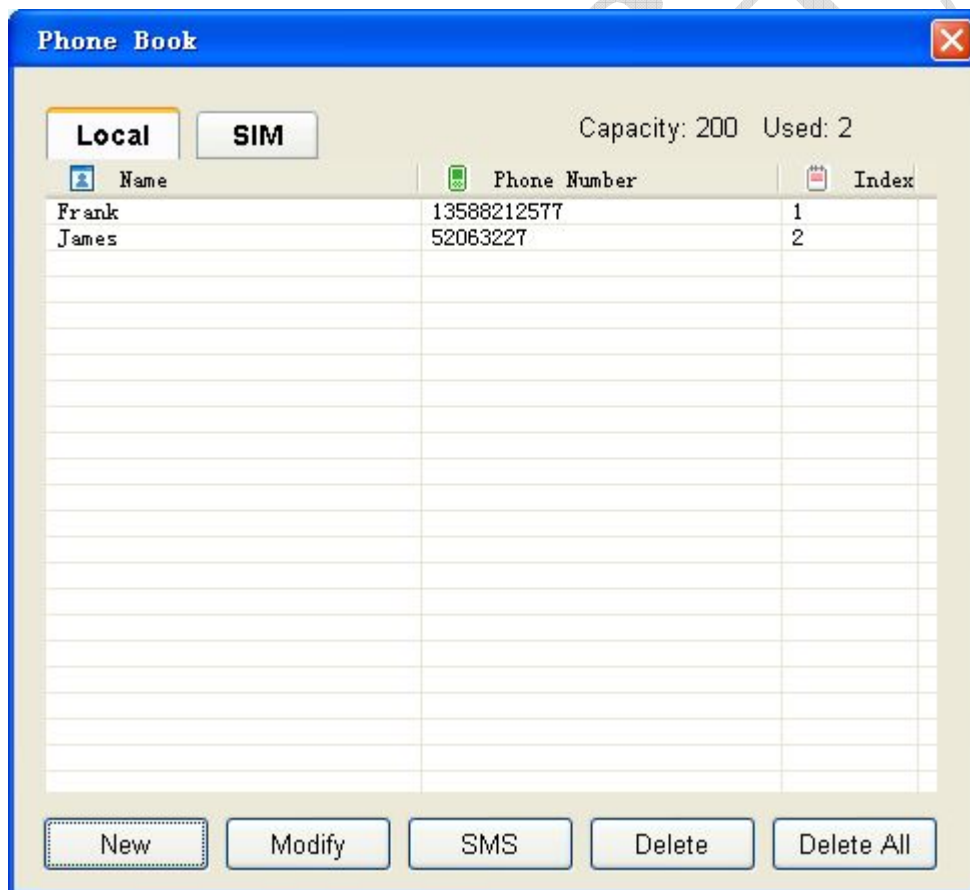
Statistics (Data Flow)

To view the data card's data flow statistics in real time or of current or last month, select "Internet→Statistics."

Phone Book


Once you have stored a number in Phonebook, you can send a SMS to the number by selecting it from Phonebook.

Select "Tools→Phone Book". There are two tabs – Local and SIM card.




- Click on Name or Phone Number to sort either by name or by phone number.
- On the upper right corner shows the total capacity and the used amount. For the SIM tab, the total capacity varies with different SIM cards.


Add a new contact

- 1) Click on  or select “Tools→Phone Book”;
- 2) Click on “New”;
- 3) Enter the name and phone number;
- 4) Click on “OK” to save.


Modify a contact

- 1) Click on  or select “Tools→Phone Book”;
- 2) Choose the contact in the list and click on “Modify”, or double-click the entry;
- 3) Edit the name and phone number;
- 4) Click on “OK” to save.

Send a message to contact

- 1) Click on  or select “Tools→Phone Book”;
- 2) Choose the contact and click on “SMS”;
- 3) Edit your short message, and then click on “Send”.

Delete / Delete All

- 1) Click on  or select “Tools→Phone Book”;
- 2) Choose the contact and click on “Delete”; Or click on “Delete All” to remove all your contact;
- 3) In the confirmation box, click on “OK” to proceed.

SMS

SMS, or Short Messaging Service, is a value-added service provided by carriers, which allows you send and receive short messages. It requires subscription, so contact your service provider to make sure you are authorized to use SMS.

If you are a subscriber, any other people can send short messages through any ways

supported by your service provider.

When you're offline, the short messages are stored temporarily on the network. And once you are connected, they will be sent to your SIM card and you will be notified by PC Manager of new messages. If the capacity of SMS is full (with "📧" shown), you will not be able to receive any new messages unless you remove some of the old messages. When new messages coming as the window is minimized, a message box on the system bar will remind you there are new incoming messages.

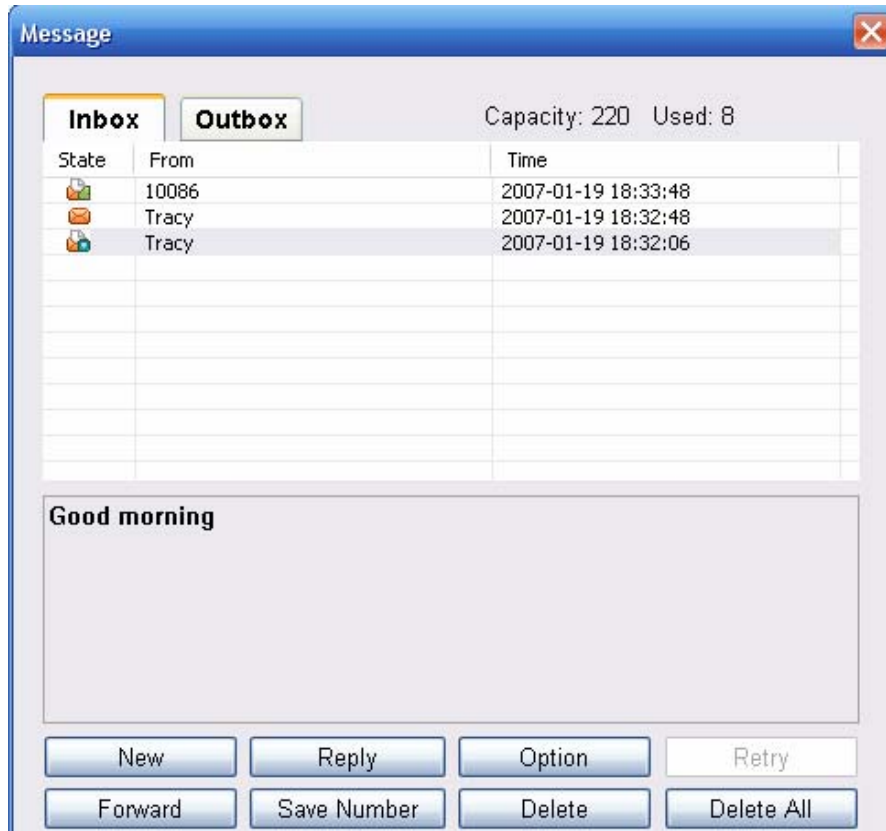
In the SMS window, you may:



- Read,
- Edit and send,
- View the sent SMS,
- Reply or forward,
- Delete SMS.

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Read New SMS

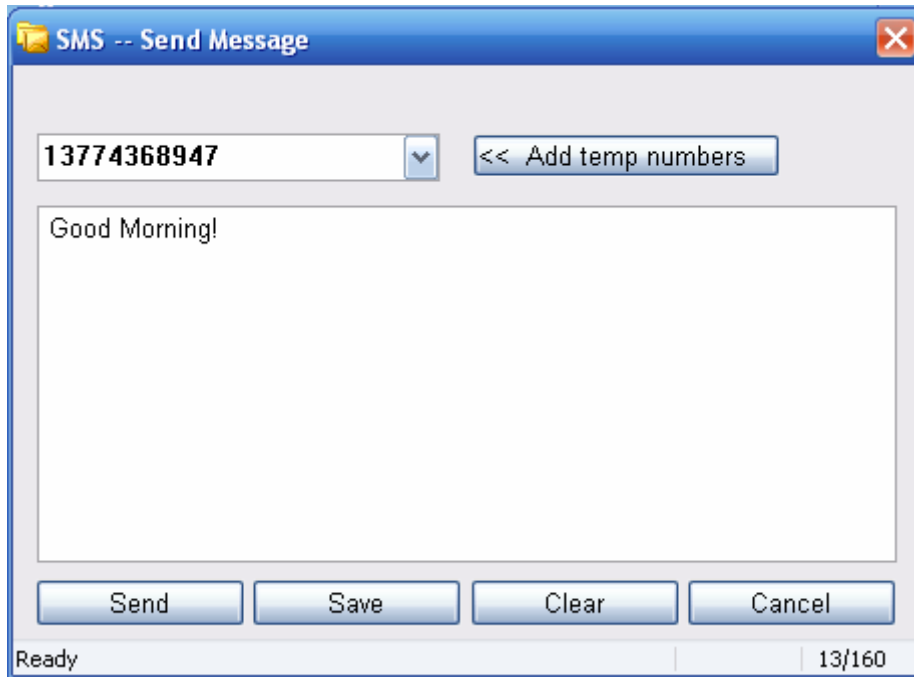
- 1) Click on  or select “Tools→SMS” to open the “Inbox”;
- 2) Double-click an unread SMS () to view.



-  - SMS stored in local;  - SMS stored in the SIM card.
- Click on “From” or “To” to sort the list by name or phone number; or click on “Time” to sort list by receiving or sending time.
- On the upper right corner shows the total capacity (of both Local and the SIM card) and the used amount. The total capacity varies with different SIM cards.

Edit and send SMS


- 1) Click on  or select “Tools→SMS” to open the “Inbox” or “Outbox”;
- 2) Click on “New”;
- 3) Edit your short message and enter the phone number, click on “Send”.




In the SMS editing window,

- Select “Add temp numbers” after entering a new number. This new number will be added into the dropdown list for group sending.
- Select the dropdown list to open the phone book and choose a contact.
- Click on “Save” to store the message in the Outbox.
- Click on “Clear” to blank all the editing.
- Click on “Cancel” to revoke and close the window.


Reply SMS

- 1) Click on  or select “Tools→SMS” to open the “Inbox”
- 2) Choose the message and click on “Reply”
- 3) Edit your short message, and then click on “Send”.


Forward SMS

- 1) Click on  or select “Tools→SMS” to open the “Inbox” or “Outbox”;
- 2) Choose the message and click on “Forward”;
- 3) Enter the forwarded phone number or select one from the dropdown list, and then click on “Send”.


Save the sender's number

- 1) Click on  or select “Tools→SMS” to open the “Inbox”;
- 2) Choose the message of the sender to save, click on “Save Number”;
- 3) Enter the sender's name;
- 4) Click on “OK” to save.

Re-send SMS


- 1) Click on  or select “Tools→SMS” to open the “Outbox”;
- 2) Select the message, and then click on “Retry”.

Delete / Delete All

- 1) Click on  or select “Tools→SMS” to open the “Inbox” or “Outbox”;
- 2) Choose the message(s) and click on “Delete”; Or click on “Delete All” to remove all your messages;
- 3) In the confirmation box, click on “OK” to proceed.

Options

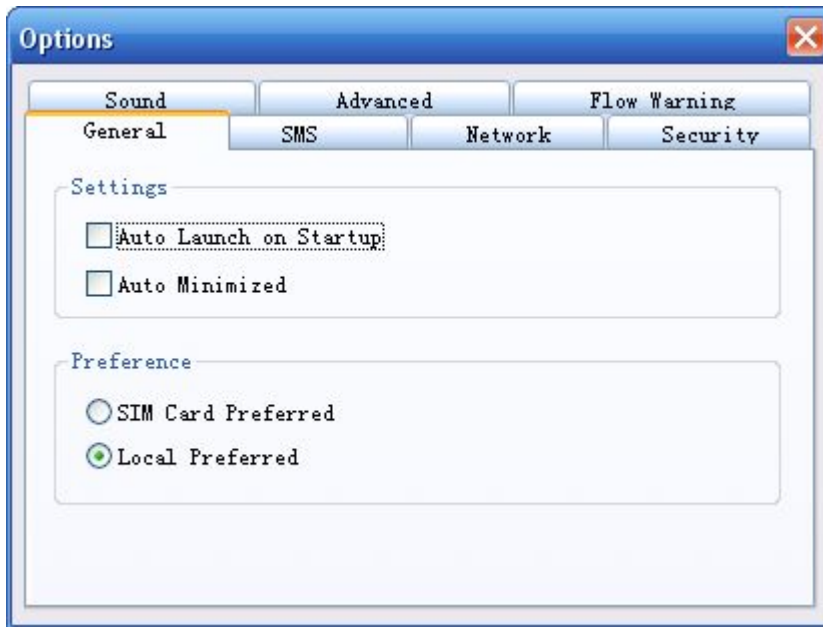
After sending a short message, no matter succeed or fail, it's up to your choice whether to save it in the “Outbox”.

- 1) Click on  or select “Tools→SMS”;
- 2) Click on “Option”;
- 3) Select “Save SMS after sending” to Outbox; Or,
- 4) Select “Do not save” of messages to Outbox after sending.

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Options

In “Options”, you can set all the necessary features or configure the data card.



Auto Launch on Startup

If selected, PC Manager will come up and running after Windows startup. Otherwise, you have to do it manually (either by clicking on a shortcut on the desktop or from “Start” menu).

- 1) In the main window, select “Options→General”;
- 2) Select the checkbox “Auto Launch on Startup”.

Auto Minimized

If selected, PC Manager will be minimized. You can check the current status on the system bar.

- 1) In the main window, select “Options→General”;
- 2) Select the checkbox “Auto Minimized”.

SIM Card Preferred

If selected, phone book and short messages will be saved into the SIM card first.

- 1) In the main window, select “Options→General”;
- 2) Select the radio button “SIM Card Preferred”.

Local Preferred

If selected, phone book and short messages will be saved into the local storage.

- 1) In the main window, select “Options→General”;
- 2) Select the radio button “Local Preferred”.

Options for SMS

You may:

- Change the SMSC number
- Change the default routing
- Change the valid time of sending SMS

1. Change the number of SMS service center

When a short message is sent, it will be kept in the SMSC until it reaches the receiver. This number is the SMSC that your messages go to, and it can be obtained from the SIM card.

Change the number only under your service provider’s suggestion.

- 1) In the main window, select “Options→SMS”;
- 2) Change the number of “Service Center” per requirement;
- 3) Click on “Apply” to save.

2. Change SMS Routing

SMS Routing is the preferred domain to send SMS. It will be either “CS preferred” or “PS preferred” (default):

- 1) In the main window, select “Options→SMS”;
- 2) Select “CS preferred” or “PS preferred” in the dropdown list of “Routing” per requirement.

- CS – Circuit Switching
- PS – Packet Switching

3. Validity period of sending SMS

It is the length of time that your messages will be stored for on the network waiting to be sent. If the receiver cannot receive SMS for disconnection or any other reasons (e.g., SIM card is full), your message will be saved on the network for the time you specified here. If the valid time has past, the messages won't be sent.

- 1) In the main window, select "Options→SMS";
- 2) Select the time unit in "Unit" dropdown list, and time value in "Value".

Unit	Value
Hours	1 hour, 6 hours, 12 hours
Days	1 day, 2 days, 4 days, 6 days
Weeks	1 week, 2 weeks, 3 weeks, 4 weeks
Maximum	

Network Options

Depending on the region, you may be covered by several networks at a same time. By default, the data card will choose an available network by your account. You may also choose the network from the list in PC Manager while your options are up to your account.

1. Choose the Frequency Band

By default, the data card will pick a Frequency Band automatically, unless the carrier has a special instruction.

- 1) In the main window, select “Options→Network”;
- 2) Select one in “Frequency Band” dropdown list.

Details of each frequency band (FB):

Item	Description
Auto	Auto choose the network and bands
2G 850/1900	The data card is only for 2G (GPRS/EDGE) with GSM850 and GSM1900 bands (mostly in North America)
2G 1900	The data card is only for 2G (GPRS/EDGE) with GSM1900 band (mostly in North America)
2G 900/1800	The data card is only for 2G (GPRS/EDGE) with GSM900 and GSM1900 bands (mostly outside North America)
2G 850	The data card is only for 2G (GPRS/EDGE) with GSM850 band (mostly in North America)
2G 900	The data card is only for 2G (GPRS/EDGE) with GSM900 band (mostly in Europe and Asia)
All GSM	The data card is only for 2G (GPRS/EDGE) with all bands
3G 2100	The data card is only for 3G (WCDMA/HSDPA) with WCDMA2100 band (mostly in Europe, Asia and Australia)
3G 2100	The data card is only for WCDMA2100, GSM900 and GSM1800 bands (mostly outside North America)
2G 900/1800	
3G 850/1900	The data card is only for WCDMA850, WCDMA1900, GSM850 bands and GSM1900 (mostly in North America)
2G 850/1900	
3G 850/1900	The data card is only for 3G (WCDMA/HSDPA) with WCDMA850 and WCDMA1900 bands (mostly in North America)

2. Select the Network

- 1) In the main window, select “Options→Network”;
- 2) Select “Automatic” or “Manual” in “Network Selection”;
 - Automatic – the data card will choose a proper network;
 - Manual – users will pick the network in PC Manager.

Security Options

SIM card is a microchip containing important information which will be used by the network to identify you ID for available services, and each SIM card has a PIN1.

PIN1 is to enable/disable the security function of SIM card, preventing unauthorized use of your account if the SIM card is lost or stolen.

You have limited times (usually 3) of entering PIN1. If you have incorrect inputs for more than the limited times, the PIN1 will be locked up.

1. Enable / Disable PIN1

PIN1 is to prevent unauthorized users from using your SIM card. Once your SIM card has been protected by activated PIN1, a correct PIN1 must be entered before using the SIM card in a data card or other devices (such as a mobile phone).

Contact your carrier for PIN1 before you enable this feature.

Once the SIM card activated, PIN1 is required whenever you insert or restart your data card.

- 1) In the main window, select “Options→Security”;
- 2) If PIN1 is now disabled, click on “Enable” and enter the PIN1; Or if PIN1 is already enabled, click on “Disable” and enter the PIN1 to disable the feature.

2. Change PIN1

- 1) In the main window, select “Options→Security”;
- 2) If PIN1 is now disabled, enable it;
- 3) Click on “Change”;
- 4) Enter the old PIN1;
- 5) Enter the new PIN1;
- 6) Retype the new PIN1 to confirm;
- 7) Click on “OK” to save.

3. Unlock PIN1

- 1) Obtain the PUK code from your carrier;
- 2) Enter the PUK and click on “OK”;
- 3) Enter the new PIN1;
- 4) Retype the new PIN1 to confirm;
- 5) Confirm the change

Sound Options

In “Options”, the “Sound” page contains the settings of notifying sound for SMS. And you can also preview your sound after settings.

Notifying sound for SMS

Pick your favorite music as notifying sound for incoming messages, only the wav format is supported.

- 1) In the main window, select “Options→Sound”;
- 2) Enter one in the “Message Ring”, or click on “Select from” to locate a music file in your PC as your notifying sound.

Enable/Disable Offline Mode

If the Offline Mode activated, you’ll be shielded from using network-related features, such as, send or receive SMS, and access the network .

- 1) In the main window, select “Options→Advanced”;
- 2) Select to enable “Offline Mode”; or unselect to disable “Offline Mode”.

Flow Warning

In “Options”, “Flow Warning” contains settings of displaying contents and mode of flow statistics and setting of threshold for alert.

1. Display

The display of statistics on flow can be set by data or by time:

- 1) In the main window, select “Options→Flow Warning”;
- 2) Select the checkbox “Warn when a limit is approaching” to activate;
- 3) To display by data, select “Data Limits (MB)” and enter the value of data range; or to display by time, select “Time Limits (Hours)” and enter the value of time range;
- 4) In the dropdown list “Beginning day of month to calculate”, choose the starting date of the statistics;
- 5) Click on “Apply” to save.

- To clear all the records of flow statistics, click on “Delete History” and confirm to proceed.

2. Flow Warning

When the data flow or network connection time has reached into some pre-set range, a notifying message will be popped up to alert.

- 1) In the main window, select “Options→Flow Warning”;
- 2) In the dropdown list “First warning point (%)”, select one for the first-time notification;
- 3) In the dropdown list “Second warning point (%)”, select one for the second-time notification;
- 4) Click on “Apply” to save.

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Version

Included are versions of:

- Software;
- Driver;
- Firmware;
- Firmware release time;
- Hardware;
- Bootloader.

To view versions, select “Help→About PC Manager” in the main window.



Help Topics

Through Help Topics, you can learn the details of each menu in PC Manager for a quick understanding of functions of data card.

To read, select “Help→Help Topics” in the main window.

Safety Guide

- Remove the USB Mass Storage (USB mode)
 - 1) Click on the icon “Remove the hardware safely” on the system bar to stop the device.
 - 2) Remove the device

- Remove the SIM card (Modem mode)
 - 1) Close PC Manager;
 - 2) Remove the data card , then remove the SIM card

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Appendix

Indicator lights of data card

Status of Data Card	Green Light	LED1Blue Light	LED2Blue Light	LED3Blue Light
Active (System is initialized)	▲			
Register on G-Net	▲		▲	
Register on W-Net	▲	▲		
Connect to Internet by G-Net	▲		▲	▲ (Glint when data transfers)
Connect to Internet by W-Net	▲	▲		▲ (Glint when data transfers)
In USB Mode	▲			▲ (Glint when data transfers)