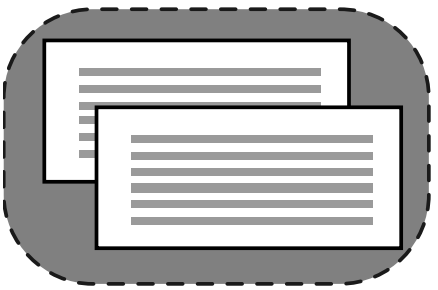
Thank you for choosing HUAWEI EC5805 Wireless Modem (hereinafter referred to as the EC5805).

- The supported functions and actual appearance are subject to your product purchased. The following pictures are provided for illustration only. For details about your product selection, consult your service provider.
- This guide briefly describes the functions of the EC5805. For details about how to set the management parameters, see the *Help* on the web management page.
- If the EC5805 is placed in an environment with poor ventilation, it will get heated after used for a long time. When the EC5805 gets heated to a certain extent, it will switch off or disconnect from the network automatically to protect itself. In this case, please expose the EC5805 in a well-ventilated place for heat dissipation and then restart the EC5805.

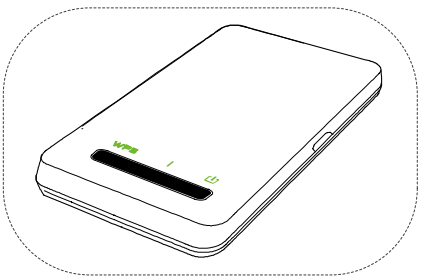
Getting to Know Your EC5805

Packing List

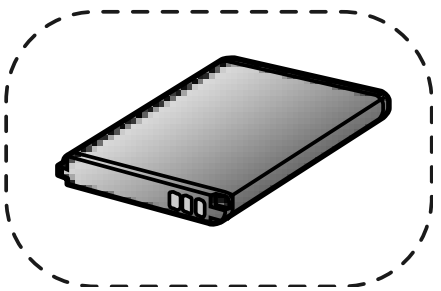
The package box contains the following items. If any of the items is lost or damaged, contact your local dealer.



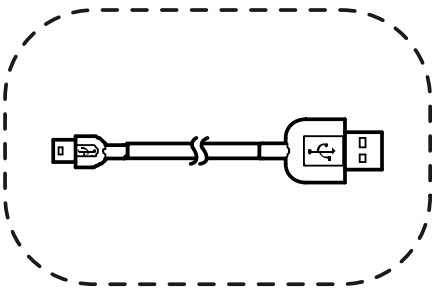
Quick Start Safety Information



Main unit



Battery



Data cable

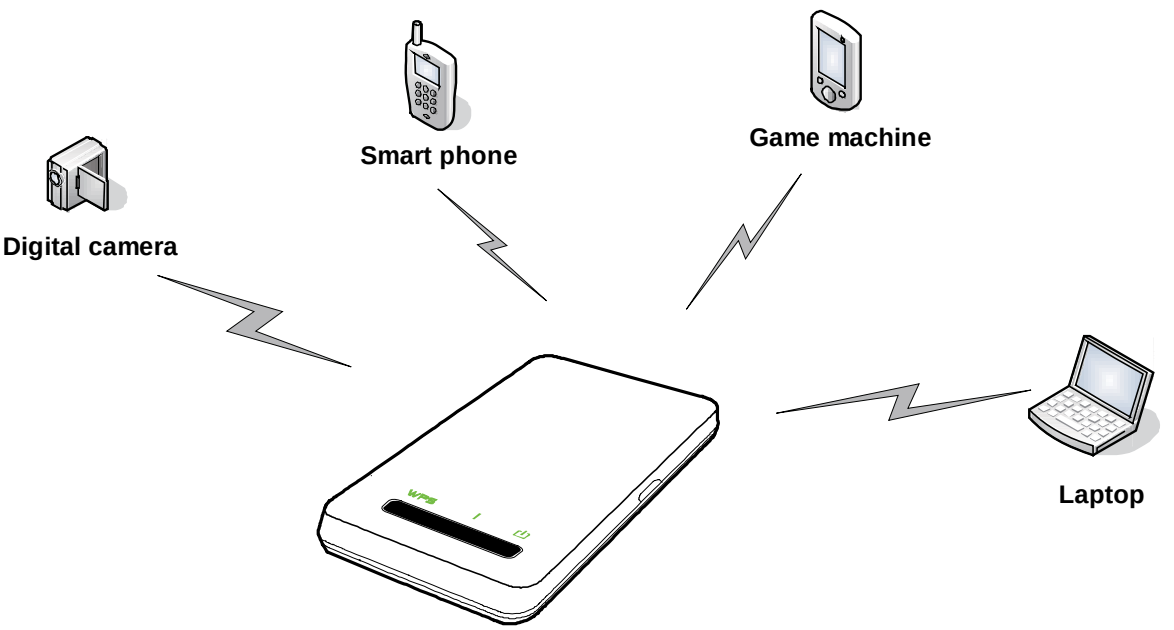
Some of the optional accessories are not provided in the package, you can contact

your local dealer to buy them yourself.

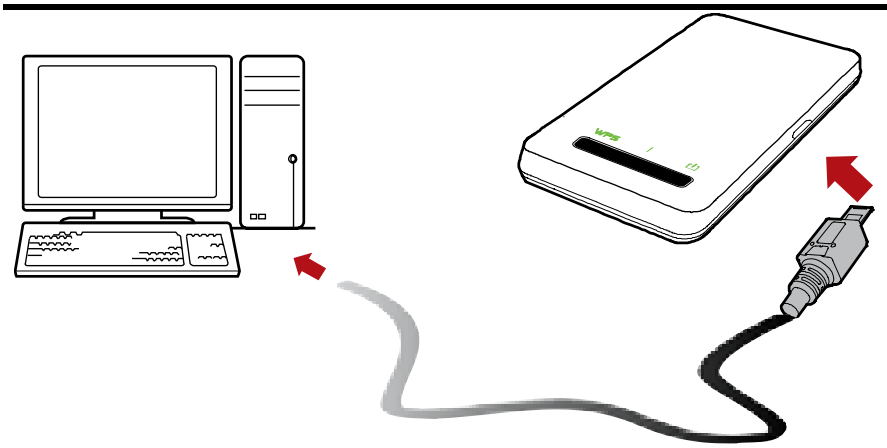
Application Scenarios

The Wi-Fi device or computer can be connected to the Internet through the EC5805. The actual connecting procedure depends on the operating system of the Wi-Fi device or computer. You can perform the connection operations as prompted.

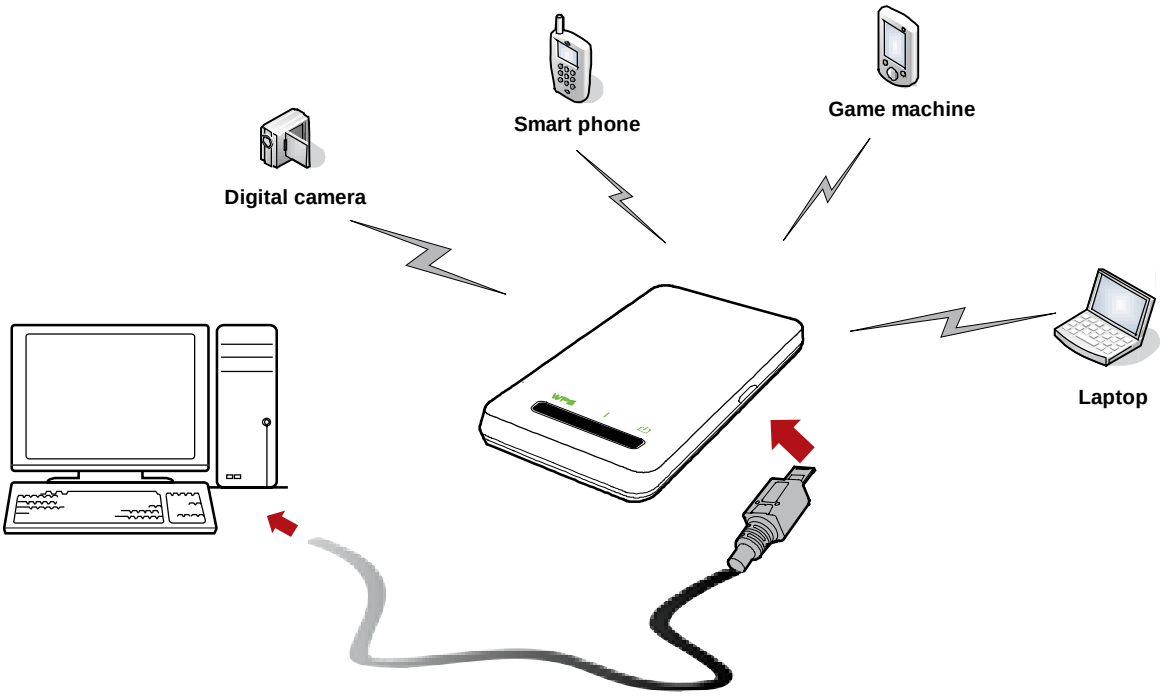
Scenario 1: Multi-device access via Wi-Fi



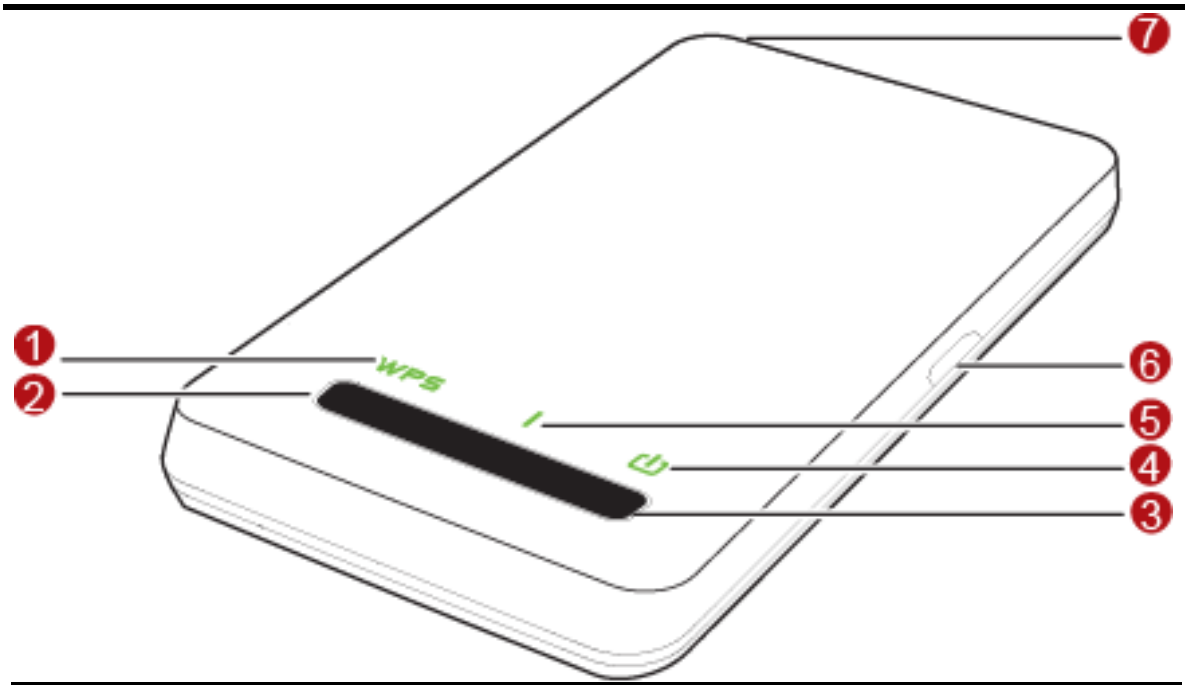
Scenario 2: One-device access via USB



Scenario 3: Multi-device access via Wi-Fi and USB at the same time



Appearance



No.	Item	No.	Item
1	Wi-Fi/WPS indicator	5	Signal indicator
2	Wi-Fi/WPS button	6	USB connector
3	Power button	7	External antenna interface
4	Power indicator		

Indicator	Status

Indicator	Status
Wi-Fi/ WPS	• Off: The Wi-Fi and WPS are disabled. • Continuously on in green: The Wi-Fi is enabled. • Blinking in green: The WPS is enabled.
Power	• Blinking in red: The battery power level is very low and must be charged immediately; otherwise the EC5805 will be powered off. • Continuously on in red: The battery power level is weak. • Blinking in green: The battery is being charged. • Continuously on in green: The battery power level is enough.
Signal	• Continuously on in red: The UIM card does not exist or the PIN code is not verified or the signal is inexistent.

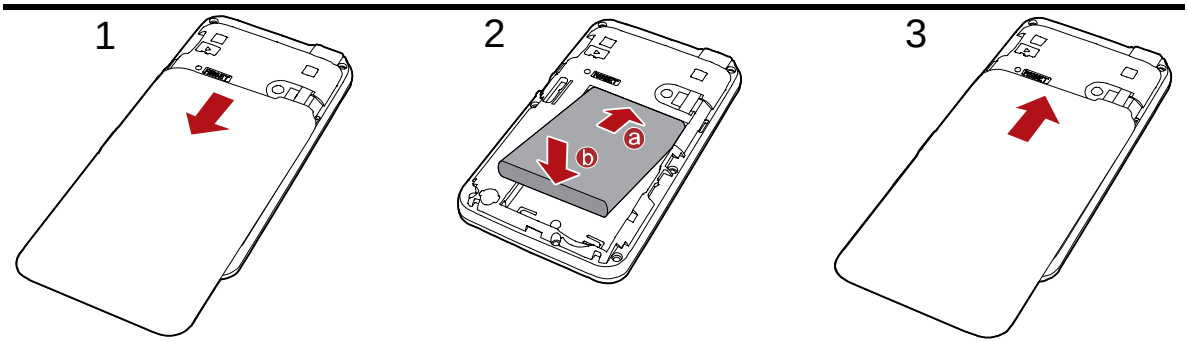
Indicator	Status
	• Continuously on in green: The EC5805 is in the normal state. • Continuously on in blue: The EC5805 is in the roaming state. • Fast blinking in green: dialing up in the normal state. • Fast blinking in blue: dialing up in the roaming state.

- Wi-Fi: Wireless Fidelity
- WPS: Wi-Fi Protected Setup

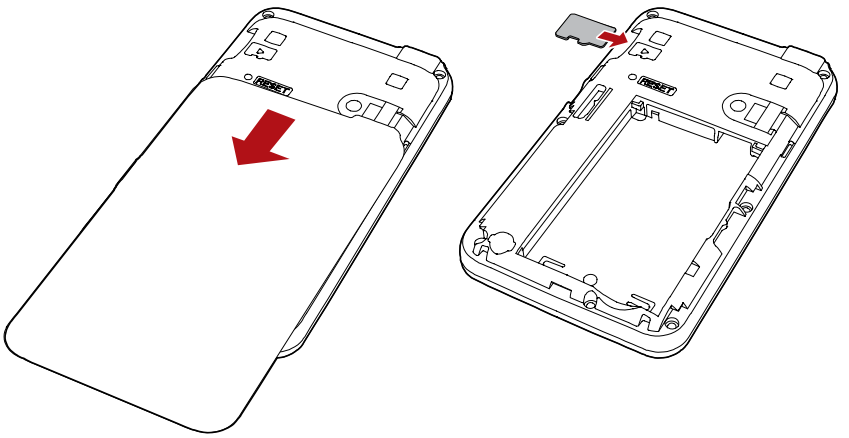
Before You Start

Installing the Battery

Install the battery as shown in the following figure.



Installing the microSD Card



1. Remove the rubber cap from the microSD card slot. Then insert the microSD card into the slot.
2. After inserting the microSD card completely, attach the rubber cap.

Note:

- The microSD card is an optional accessory. If the microSD card is not provided in the package, you can buy one yourself.
- To remove the microSD card, open the rubber cap and press the microSD card gently. When the microSD card pops up

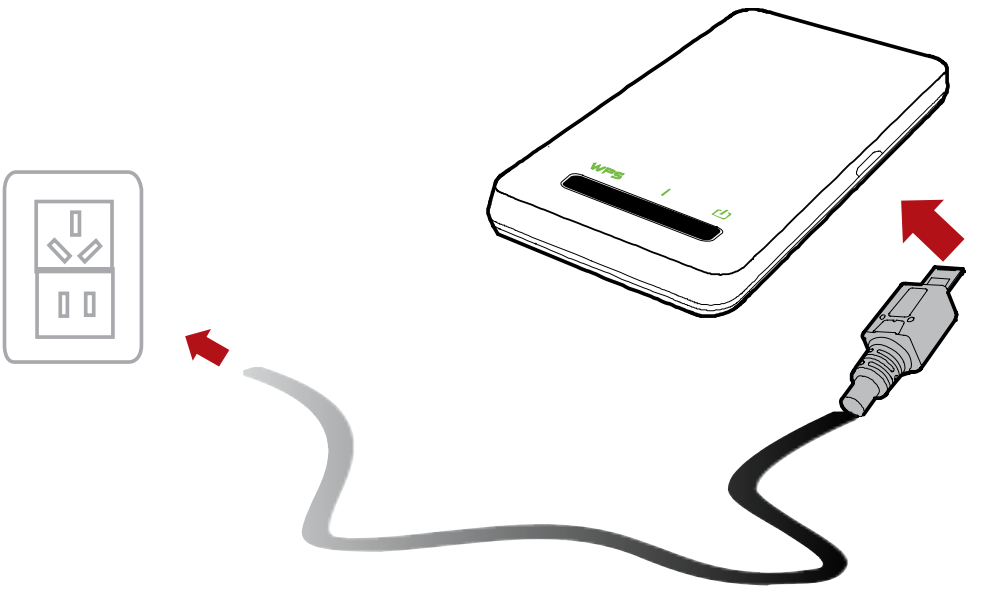
automatically, take it out.

- Do not remove the card when it is being used. Otherwise, the card and the EC5805 may be damaged, and the data stored on the card may be corrupted.

Charging the Battery

Note: If you have not used the battery for a long time, please charge it first.

Method 1: Charging by Using the Charger



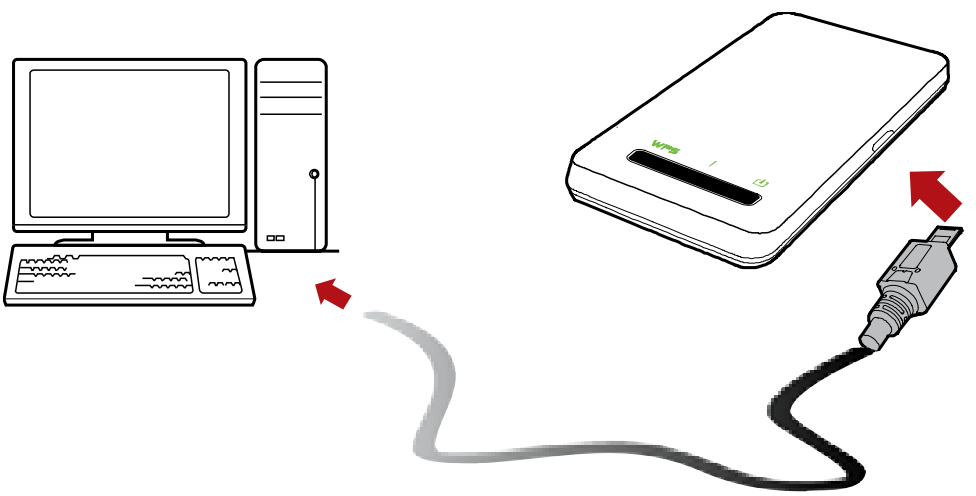
Caution:

- Use the charger compatible the EC5805 model and provided by the designated manufacturers only. If the charger incompatible with the device model or provided by other manufacturers or

vendors is used, the EC5805 may fail to work and dangers may be caused. At the same time, any national regulations on terminal products or warranty applicable to the EC5805 may fail to work.

- The charger is an optional accessory. If the charger is not provided in the package, you can contact your local dealer to buy one yourself.

Method 2: Charging by Connecting to a PC



1. Power off the EC5805.
2. Connect the EC5805 and PC with a compatible data cable.

Accessing the Internet Through a Wi-Fi Connection

Note: By default, the management

parameters are preset on the EC5805 according to the requirements of the service provider. You can follow the steps below to quickly access the Internet. For the details about how to set the management parameters, see the *Help* on the Web management page.

Step1: Power on the EC5805.

Step2: Establish a Wi-Fi Connection.

Step3: Access the Internet.

1. Power on the EC5805

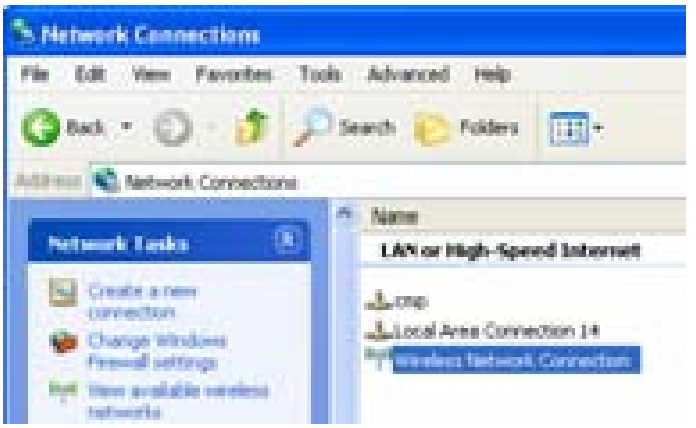
Press and hold **Power button** until the indicators become lightened, the EC5805 is powered on.
Note: Press and hold **Power button** until the indicators are off, the EC5805 is powered off.

2. Establish a Wi-Fi Connection (Taking a PC for Example)

1. Make sure Wi-Fi/WPS indicator is

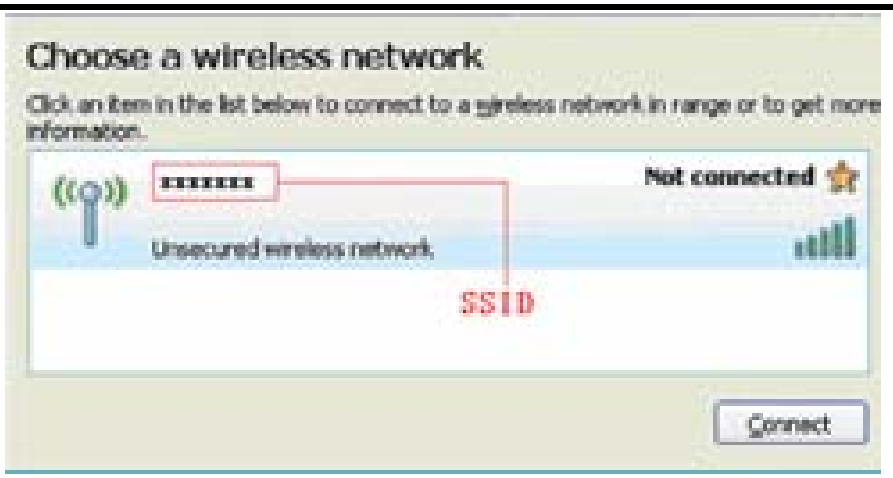
continuously on in green.

2. Select **Start > Control Panel > Network Connections > Wireless Network Connection**.



Note: To set up a Wi-Fi connection, the PC must be configured with a wireless network adapter. If **Wireless Network Connection** is displayed, the wireless network adapter is available. Otherwise, you need to check your wireless network adapter.

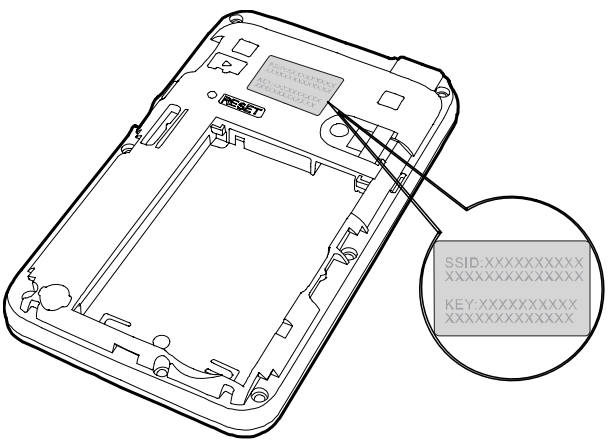
3. Click **View available Wireless Networks** to display the wireless network list.
4. Select the network whose SSID is the same as that of the EC5805, and then click Connect.



Note:

- If the encryption parameter is already set for the EC5805, the **Wireless Network Connection** dialog box is displayed and requires the network key and confirmation.

- The SSID and key label is attached on the EC5805.



Wait until the wireless connection icon is displayed in the status area in the lower right corner of the screen. Then, you can connect your PC to the EC5805.

3. Access the Internet

After you establish a Wi-Fi connection successfully, you can access the Internet in either of the following two modes. By default, the mode is **On Demand**.

Mode	Operations
On Demand	After the EC5805 is powered on, it can automatically connect to the network when data transmission is required. If data transmission is not performed over a period of time, the EC5805 automatically disconnects from the Internet.
Manual	You can launch web management page to connect to or disconnect from the network as prompted.

Note:

- You can launch the web management page to select the mode of accessing the Internet.
- If the EC5805 accesses the roaming network, the EC5805 automatically disconnects from the established network connection.

Accessing the Internet Through a USB Connection

1. Power on the EC5805.
2. Connect the EC5805 to PC using the compatible USB data cable.
3. The operating system automatically detects and recognizes new hardware.
4. Launch the web management page, and then click **connect** button to connect to the network as prompted.

Accessing the Web Management Page

1. Make sure that the connection between the EC5805 and the Client is proper.
2. Start the Internet browser and enter **http://192.168.1.1** in the address bar.

3. Enter the password, and then click **Login**.

Note:

- The default user name is **cricket**.
- The default password is **0000**.

Phonebook

You can enjoy phonebook service on the web management page.

1. Access the web management page.
2. Click **Phonebook** to manage contacts.

SMS

You can enjoy the short message (SMS) service on the web management page.

1. Access the web management page.
2. Click **SMS** to view, create, reply, or send a message.

Daily Use

Saving Power mode

If no operation is performed on the EC5805 for a while, the indicators are off.
If the EC5805 has not been accessed for 10 minutes by default, the EC5805 changes to the deep sleep state.

When the EC5805 is in the deep sleep state, you can press any key to activate the EC5805. If the EC5805 is activated, the indicators become lightened.

Enabling/Disabling the Wi-Fi Function

Press and hold **Wi-Fi/WPS button** until Wi-Fi/WPS indicator is continuously on in green, the Wi-Fi is enabled.
Note: Press and hold **Wi-Fi/WPS button** until Wi-Fi/WPS indicator is off, the Wi-Fi is disabled.

Establishing a WPS Connection

If the Wi-Fi Clients connected to the EC5805 support the WPS function, the EC5805 can generate a network key without manual input. To establish a WPS connection ,do as follows:

1. Power on the EC5805.
2. Start the Clients connected to the EC5805.
3. Enable the WPS function of the EC5805.

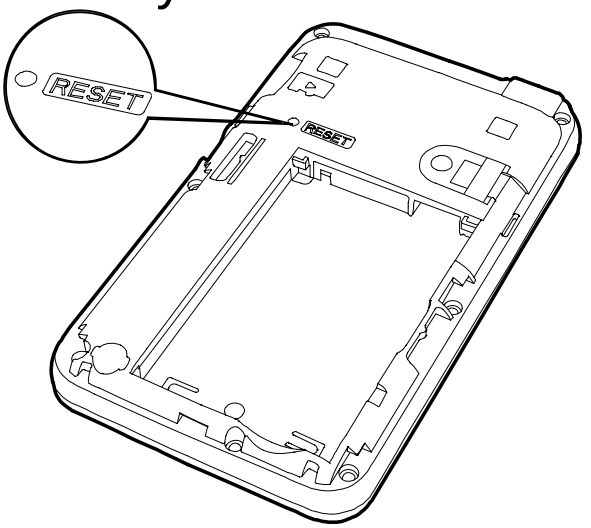
Note: Press and hold **Wi-Fi/WPS button** until Wi-Fi/WPS indicator is blinking in green, the WPS is enabled.

4. Enable the WPS function of the Clients.

Note: For the Wi-Fi operations of the Clients, see the Clients' user guide.

Restoring the Factory Defaults

If you forget the changes of some parameters, you can choose to restore factory defaults and reconfigure the EC5805.



Reset: Press and hold it until all the indicators are off, you restore the factory defaults successfully.

Note: After this operation, all personal configuration settings are deleted and all web-based management settings and parameters will be restored to their default values.

Tips

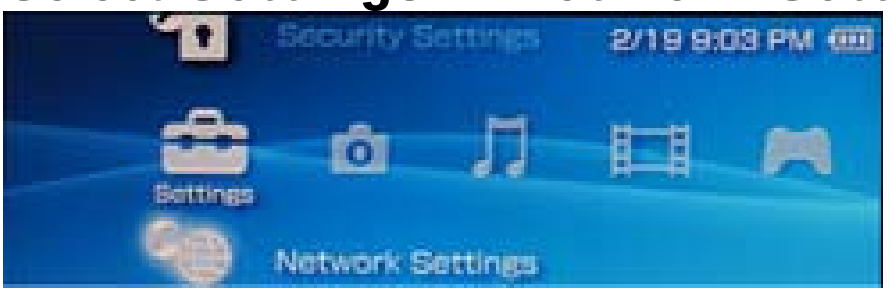
If you cannot use the EC5805 properly, you

can try the following ways:

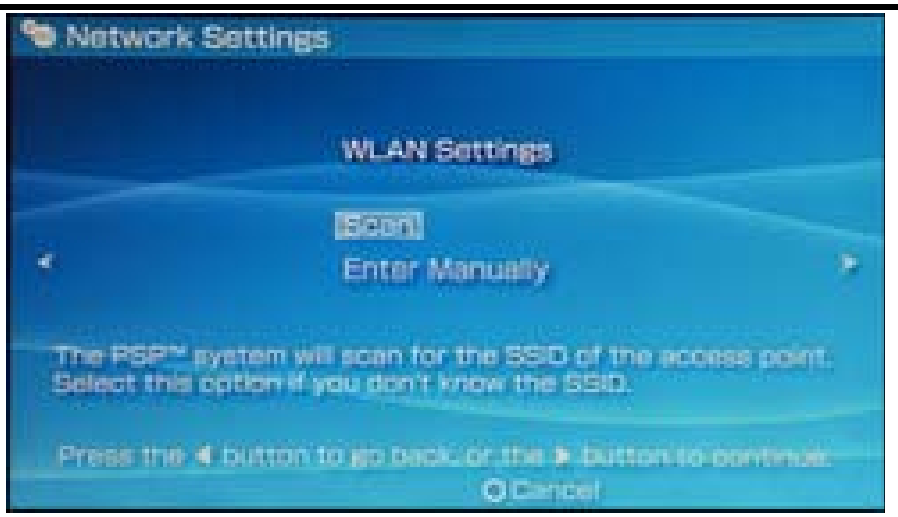
- See *Help* on the web management page.
- Restart the EC5805.
- Restore the factory defaults.
- Contact your service provider.

Example: Wi-Fi Connection to Game Machine (PSP)

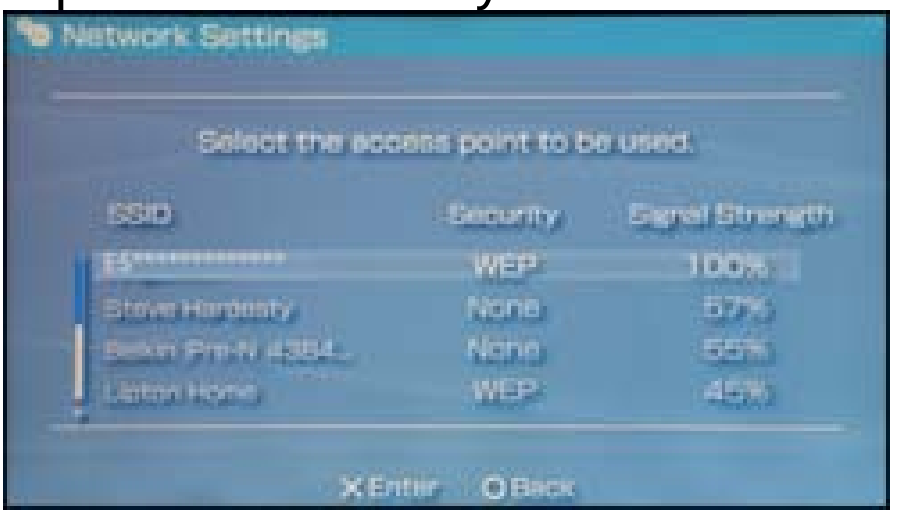
1. Turn on the PSP WLAN switch.
2. Select **Settings > Network Settings.**



3. Select **Infrastructure Mode** to connect your local Wi-Fi access point.
4. Select **New Connection** to specify a mnemonic connection name (such as **MyEC5805**).
5. Select **Scan** to detect networks in range. Then the access point list is displayed.



6. Select the SSID same as that of the EC5805. Then press the > button consecutively to confirm the SSID and input the Wi-Fi key.



- **SSID**: The Wi-Fi name of the EC5805.
- **WEP**: The Wi-Fi key of the EC5805
- The default SSID and key label is attached on the EC5805.

7. Press the **>** button to continue, and then press **X** to save settings.
8. Select **Test Connection** to check the connection. If the test succeeds,

congratulations! you're online!

9. Now, you can go to **Internet Browser**.

Example: Wi-Fi Connection to Smart Phone (iPhone)

1. Select **Settings > Wi-Fi** and turn Wi-Fi on.
2. Automatically detect networks in range, then display the access point list.

3. Select a network whose name is the same as that of the EC5805.
4. If necessary, enter a password and tap **Join**. (Networks requiring a password appear with a lock icon.)

Note: **The Wi-Fi Clients such as iTouch, PS3, and NDS can also access Internet via the EC5805. For details about the operation, follow the user guides of the Wi-Fi Clients.**

Frequently Asked Questions (FAQ)

What can I do if the Client connected to the EC5805 cannot access the Internet?

1. Check and ensure that the Client is connected to the EC5805 properly.
2. Check the power status to ensure that the EC5805 is powered on.
3. Check the signal strength to ensure that the area is covered by the network.
4. Check that the network mode is correct. For details about network modes, see **Mobile Network Settings** on the web management page.
5. You must configure the correct peer-peer protocol (PPP) user name and PPP password when you access the Internet through the EC5805. Check whether the user name and the password are correct, and see **Profile Management** on the management page for details.
6. If the DHCP server is disabled and the Client obtains the IP address dynamically, the device cannot access the Internet either. In this case, you need to change the mode to manually assign an IP address. See **DHCP Settings** on the

management page.

7. Check that the network adapter of your Client runs properly.
8. If the problem still persists, please consult you service provider.

What can I do if the Client cannot access the WLAN?

1. If there are interferences or shields near the EC5805, you can adjust the position of the EC5805.
2. Check and record the following settings of your Client and your EC5805: SSID, WEP type, and key. The SSID of the Client must be **ANY** or the same as that of the EC5805. The WEP type and key of the Client must be the same as that of the EC5805 . Otherwise, you need to change the settings.

Version: V100R001_01 Part Number: 3101XXXX