

CDMA 1X/EV-DO Wireless data Terminal User Guide

This User Guide is used for Wireless Data Terminal of AC60.

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Thank you for choosing the ZTE-AC60 CDMA Mini Router hereinafter referred to as Router. The router works in CDMA/1X/EVDO network. The client devices could connect to it via USB or Wi-Fi interface. The router supports data and SMS services, enabling you to communicate anytime and anywhere.

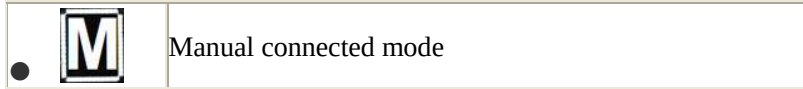
1 :Safety Warnings and Precautions

- Use the original accessories or those authenticated by the manufacturer. Using any unauthenticated accessories may affect the data terminal's performance, violate the warranty provisions or relevant national regulations about telecom terminals, or even cause body injury.
- Do not disassemble, modify, frequently pull/plug the antenna, stretch, rotate or bend the antenna with great force.
- Before pulling out the data terminal, please use Windows safely removing the hardware and make sure to exit the application. Do not directly pull out the terminal to avoid the damage of data terminal or the influence on the normal operation of operating system.
- Do not forcefully plug/pull the data terminal to avoid the damage of connector.
- Do not use your data terminal near weak signal or high-precision electronic devices. Radio wave interference may cause misoperation of electronic devices or other problems.
- Turn off your data terminal on airplane where it's forbidden to use it. The data terminal may affect the normal operation of electronic devices, therefore please follow the relevant regulations when using your data terminal on airplane.
- Turn off your data terminal in hospital where it's forbidden to use it. The data terminal may affect the normal operation of medical apparatus, therefore please follow the relevant regulations when using your data terminal in hospital.
- Please do not use the data terminal near flammable or explosive materials, otherwise it might cause failure or fire.
- Keep your data terminal away from water. This may cause overheating or failure if water or any other kind of liquid enters your data terminal. Please do not use your data terminal near high temperature, damp or dusty place.
- Keep your data terminal away from children to avoid shock, plunge or impact. It may cause body injury when the data terminal is used as a toy.

2 :Descriptions of icons

The icons on the Status Bar:

● 	Battery indication
● 	3G signal strength indication
● 	1X signal strength indication
● 	Wi-Fi connected users number
● 	Auto connected mode



3 :Access the Internet

- 1. Switch on the Router.
- 2. Establish a connection between your device and the client.
- 3. After successfully establishing the connection, the client can access the Internet automatically.
- Note:
The default connection mode is Automatic. You can browse the WebGUI Configuration page and click Settings >Network Settings to set the WAN connection mode.

4 :Access the WebGUI Configuration Page

- 1.Make sure the connection between your device and the client is correct.
- 2. Double click the **Smartfren Connex AR918B Web UI** icon on the desktop directly, or enter <http://192.168.0.1> in a web browser address bar.
- 3. The login page appears.
- 4. Input the case-sensitive default username “**admin**” and password “**admin**”, and then click Login to access the WebGUI Configuration page.

Note:

It is recommended that you use IE (7.0 or later), Firefox (3.0 or later), Opera (10.0 or later), Safari (4.0 or later) or Chrome (10.0+ or later).

5 :PIN Code Verification

- If the PIN code of your RUIM card is enabled, you will need to input the PIN code when you login at the first time.

If you want to modify the PIN status, please select Settings > Advanced > PIN Manage to do the actions.

6 :Settings

You can use the default configuration to access the Internet. If you want to change the settings, please refer to the following introduction.

7 : Quick Seting

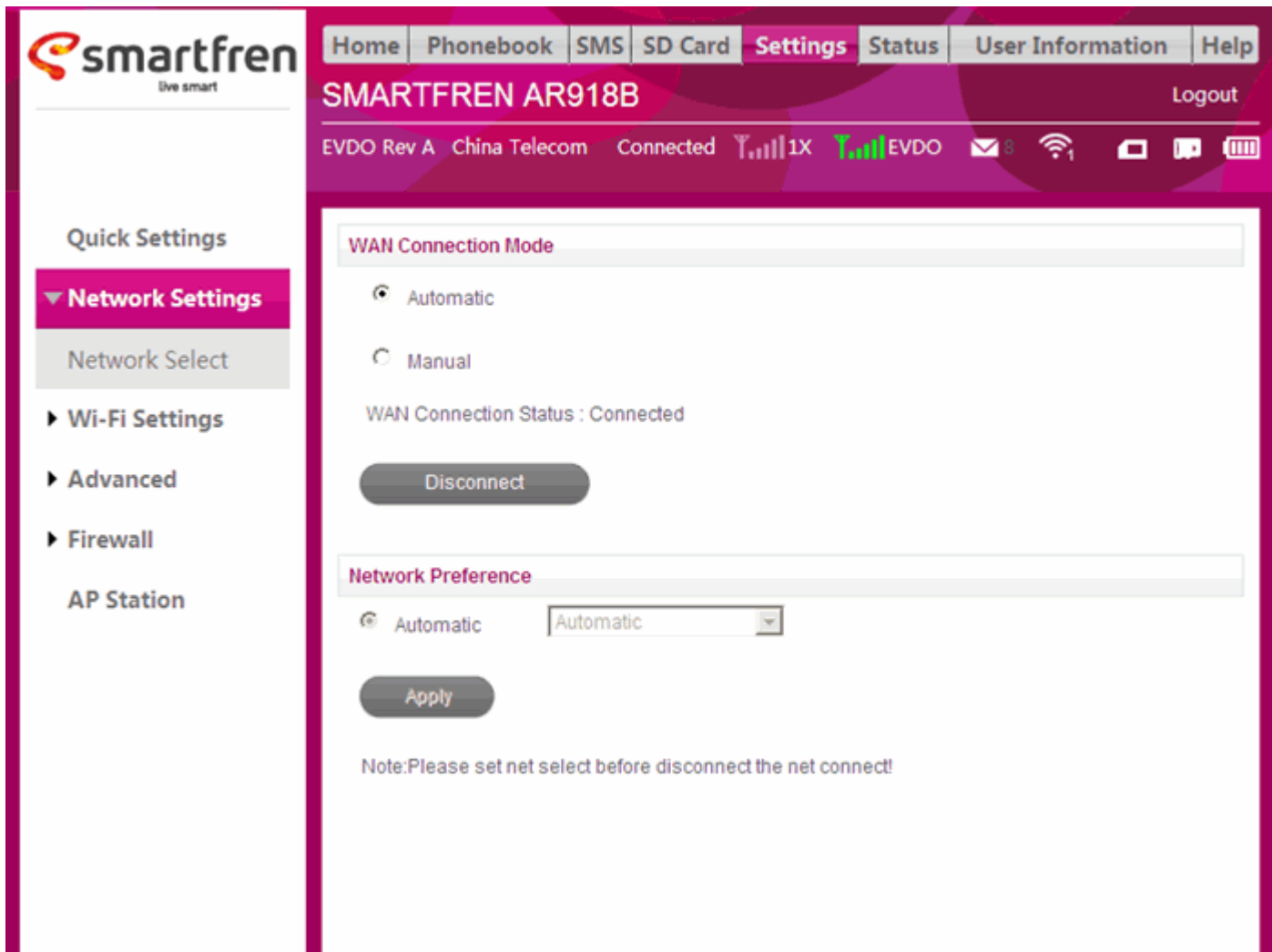
The Quick Setup wizard guides you how to set the basic parameters for your device in the safest way. After this procedure, you can use your Internet service.

Note:

The parameter settings may have been preset by your service provider, and you will enjoy your Internet service directly. Please contact your service provider for details if you want to do some modification.

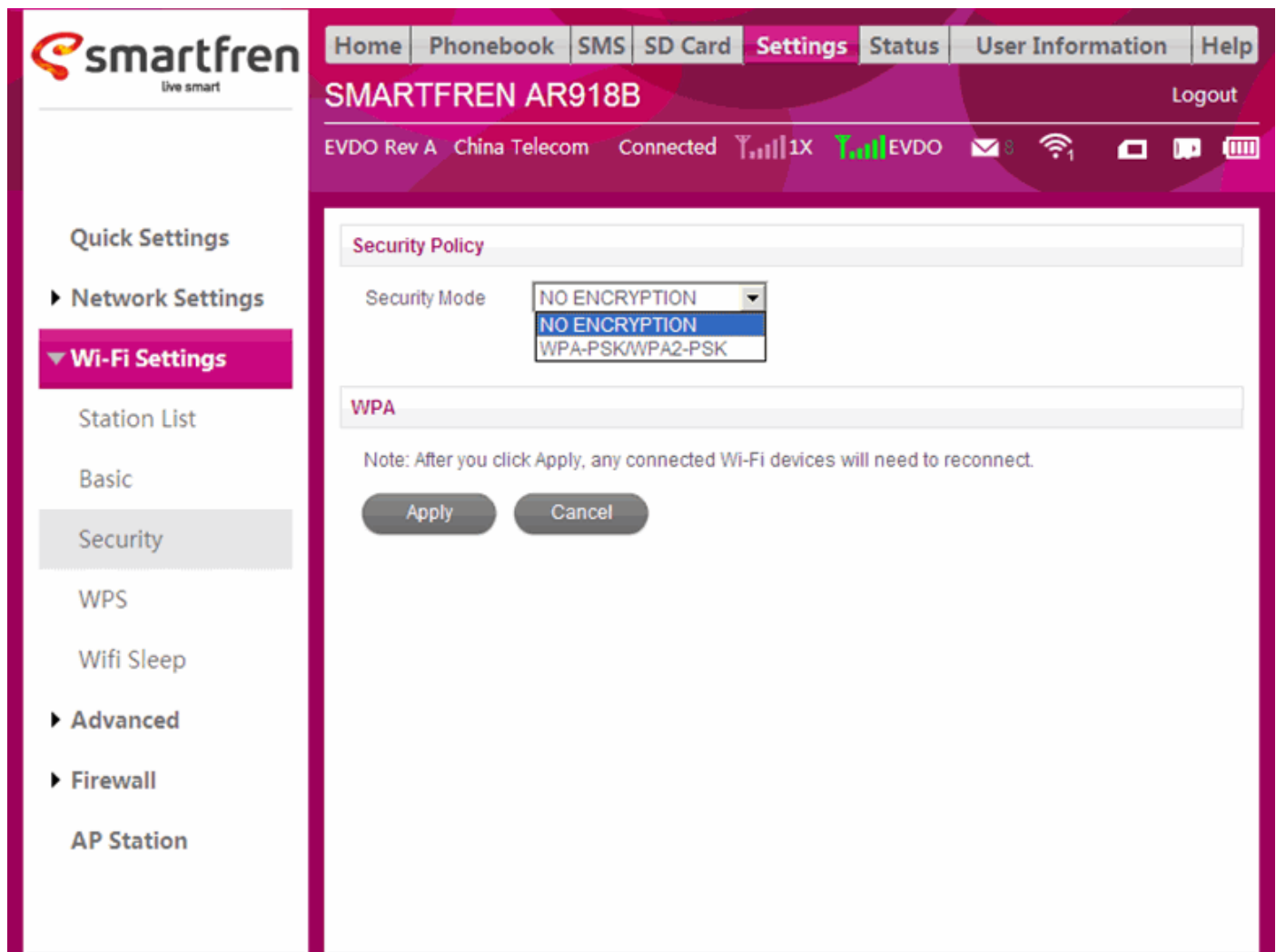
8: NetWork Setting

Select the WAN Connection Mode and Network Preference.



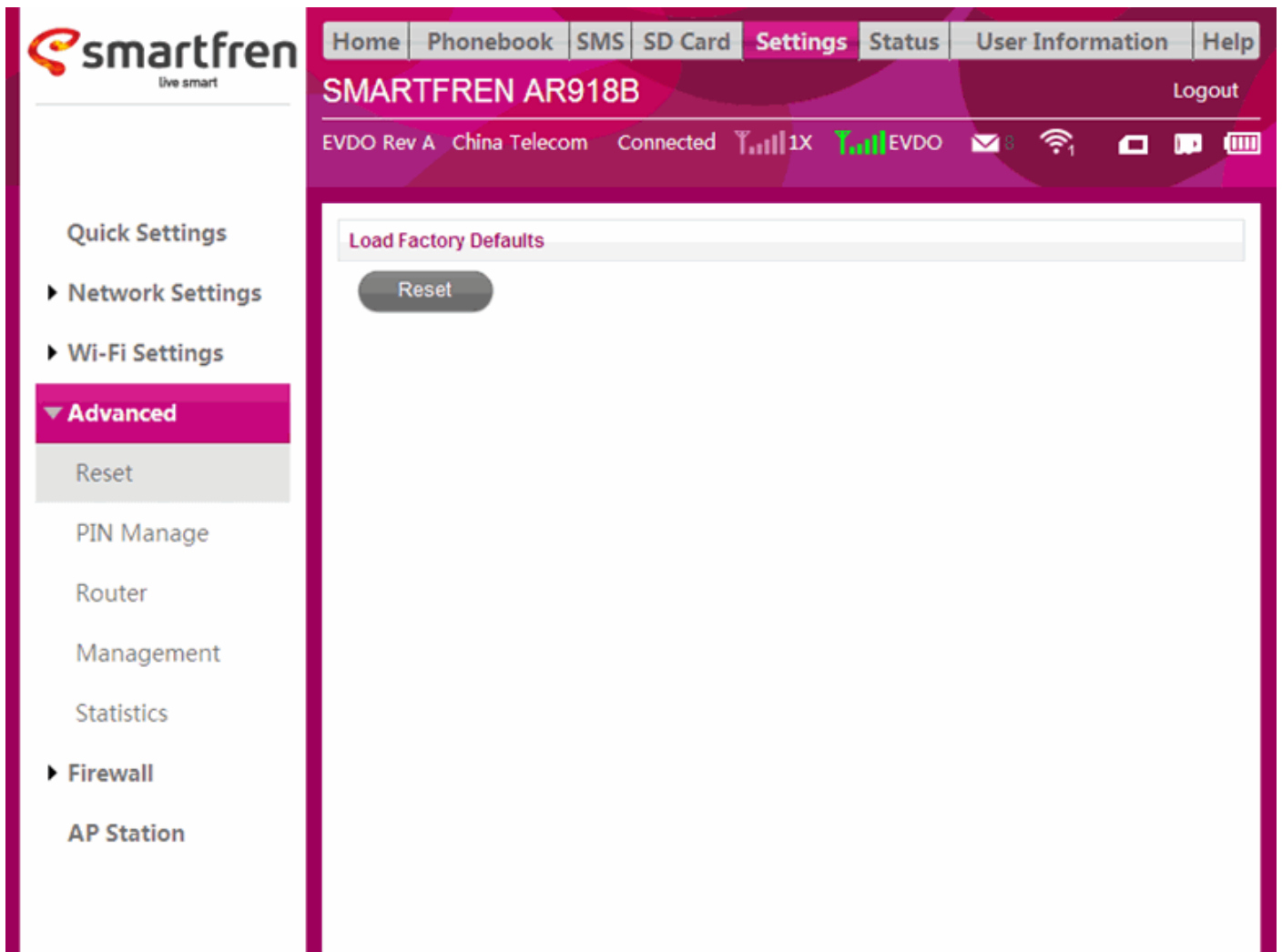
9: WIFI Setting

View the current station list, change the basic wireless network settings, choose security mode (NO ENCRYPTION or WPA-PSK/WPA2-PSK), WPS type and set Wi-Fi sleep time.



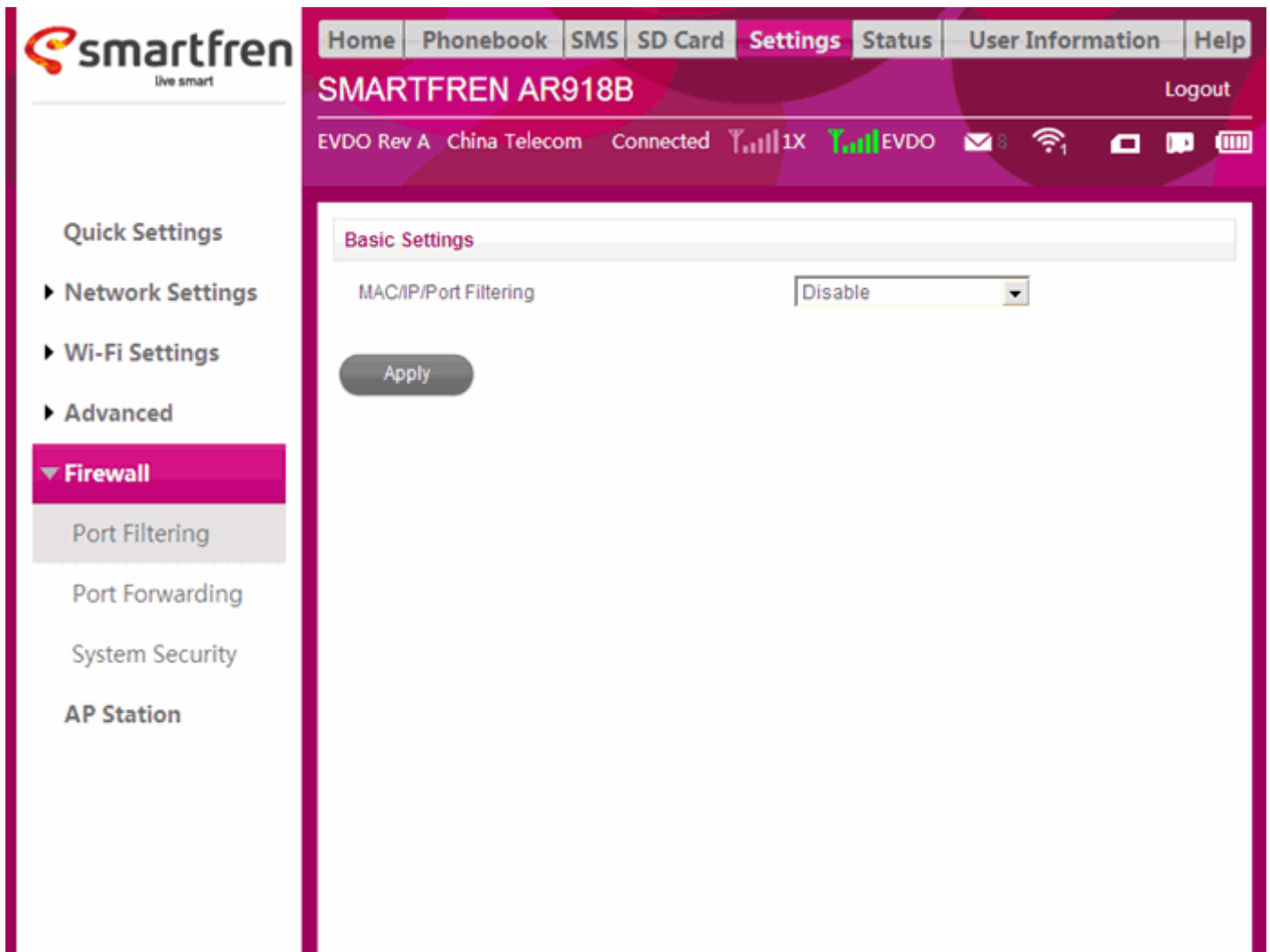
10: Advance

View the current status of your device, change the Administrator Settings, restore factory defaults, manage PIN or set the LAN interface configuration.



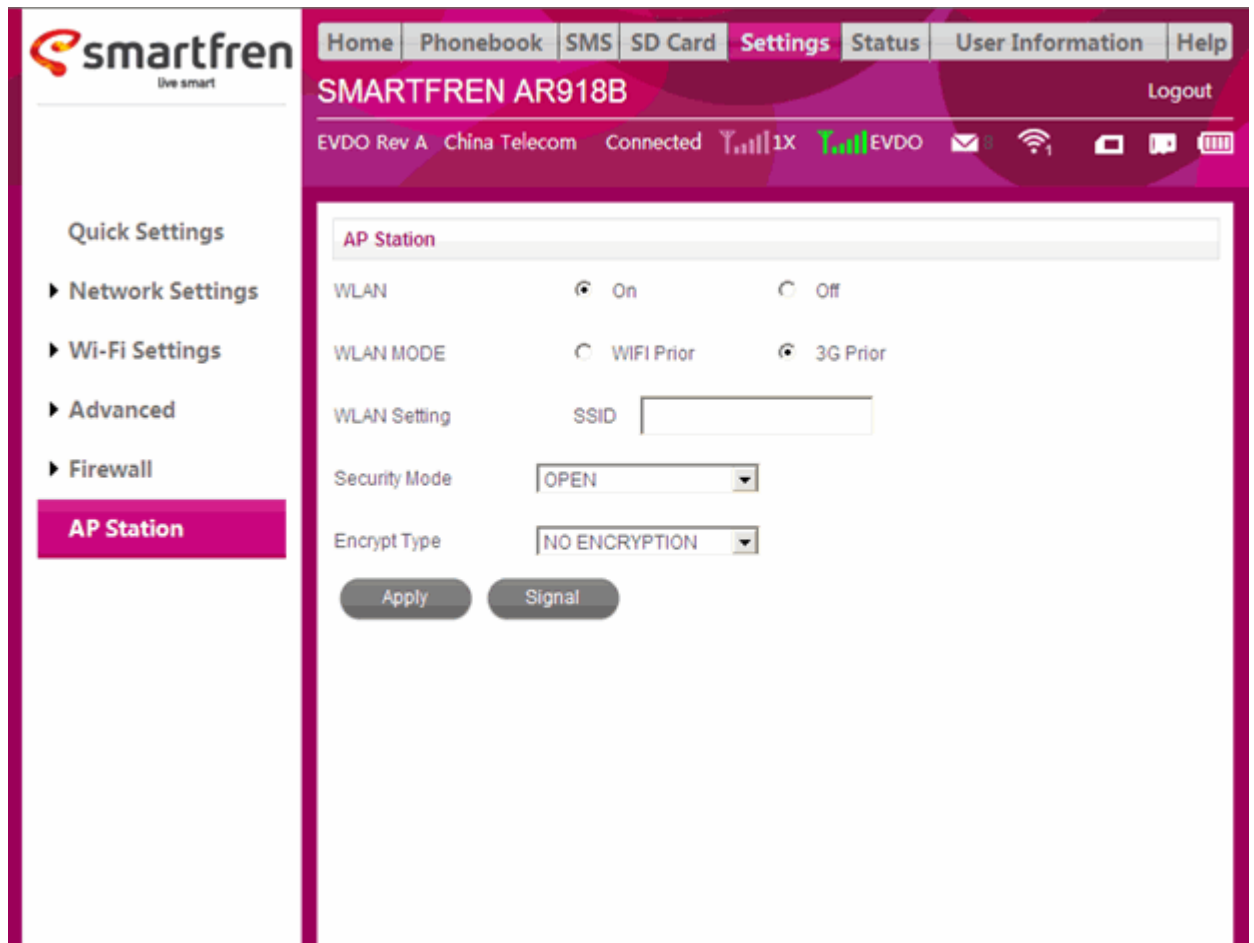
11 :Firewall

- Set the Mac/IP/Port Filtering, Port Forwarding or the System Security configuration.



12 : Ap Station

You can set SSID, select on/off to enable/disable the default data connection and select the WLAN mode, security mode and encrypt type.



- Note:
Make sure that you can remember the new password if you change the login password by selecting Settings > Advanced > Management. Please restore the device to the factory default settings in case you forget the new password.

13 : SleepMode

- When you active Wi-Fi function and use battery to support the device, once no user connected to AR918B within 10 minutes, the device will enter sleep mode, and the screen will be turned off.
- In sleep mode, the Wi-Fi function will be closed.
- When the **WPS** button is pressed, the device will be awakening, and you should press the **WPS** button again to active Wi-Fi function.
- If you want to modify the Wi-Fi sleep settings, please select **Settings > Wi-Fi Settings>Wifi sleep**.

14 :Disconnect

- Log in the WebGUI Configuration page, and click the **Disconnect** button.
- Note:

Turning off the device can also terminate the internet connection.

15 :Phonebook

- This function allows you to store contacts to your device or RUIM card.
- After logging in, select **Phonebook**, and you can add a new contact by clicking the **Add New Contact** tab, and perform operations to the contacts in the **Device** or **RUIM Card** tab.

16 : SMS

- This function allows you to view, send and receive short messages.
- After logging in, select SMS, and you can do the following operations.

Founctions	Descriptions
New Message	Send or save SMS
Device	Operate the SMS in your device
RUIM Card	Operate the SMS in your RUIM card
SMS Settings	Set the SMS configuration

17 : Status

After logging in, select Status, and you can do the following operations.

Founctions	Descriptions
Basic status	View the Network information and system information
Network status	View the WAN information, LAN and WLAN information

18 : SD Card

View SD card status of your device, change SD card share setting.

If you select **HTTP SHARE**, you can click **New** or **Delete** button to new or delete folders. You can click **Browser...** button to select a document and then click **Submit** button to submit the document.

User Information

This function allows you to get information of your number. You need to be connected to internet.

19 :FAQ

Failures	Causes	Solutions
When the Device is disconnected, the computer cannot find it.	The device is not connected properly.	1 Restart the computer, or reconnect the device.
		2. Insert the device to another computer.
Cannot open the WEBUI configuration page automatically after the device is connected properly.	The system configuration is having difficulty with the auto-run software.	1. Close all the anti-virus functions
		2. The device will appear as a virtual CDROM on the PC's. Click on the icon and start the AutoRun.exe .

After restarting the computer, there is no signal indicated.	1. You are in the place where there is no CDMA/1X/ EVDO network coverage. Such places include underground parking garages, tunnels, and some remote rural areas.	1. Change location to find a good where having signal.
	2. The device is not properly connected.	2. Close the device safely as usual, pull out the device and reinsert the device again.
	3. The RUIM card isn't inserted properly.	3. Remove and reinsert the RUIM card correctly.
	4. The router device is positioned in such a way as that adversely affects the devices signal reception.	4. Adjust the angle / position of the router device or its proximity to other electronic devices.
Sent Message failure.	1. The SMS center number is incorrect.	1. Your device is preconfigured so it is unlikely that it will need changing. However if it is missing or incorrect contact your operator.
	2. The network is busy or you are in an area with no signal.	2. Try later or move to an area with a stronger signal.
Data connection failed.	1. You are in the place where there is no CDMA/1X/EVDO network coverage.	1. Move to an area with good signal.
	2. The network is busy.	2. Try later.
	3. The APN in the user configuration file is incorrect.	3. Check the APN in the user configuration file in the "Network settings".
	4. The device data is corrupted.	4. Local network access or the target server maybe experiencing problems. Retry data request.
	5. The network type has been selected manually, but is incorrect.	5. Reselect the network type according to the type of the RUIM card.
Connected to the Internet, but it cannot open any website page.	1. After connection, you are unable to open web pages.	1. Check that the APN in the configuration files is correct.
	2. IE browser is causing problems.	2. Upgrade to the new version or reinstall the IE browser.
	3. Your operating system maybe infected by a virus. Worm Blaster for example can affect upload and downloaded data flow, resulting in an inability to access a website.	3. Use the professional anti-virus software to check and remove the virus.
	4. You have connected to an APN which cannot connect to the Internet.	4. This happens when you are changing any preset operator value in the setting section. Check the entry and enter the correct APN from your operator.

20 : FCC Regulations

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

21 : RF Exposure Information(SAR)

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

During SAR testing, this device was set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 10 mm. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The exposure standard for wireless devices employing a unit of measurement is known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.

This device is complied with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and Canada RSS 102, and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C, and Canada RSS 102. This device has been tested, and meets the FCC, IC RF exposure guidelines when tested with the device directly contacted to the body.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: **SRQ-AC60**.

For this device, for usage near the body is 1.43 W/kg.

While there may be differences between the SAR levels of various device and at various positions, they all meet the government requirements.

SAR compliance for body-worn operation is based on a separation distance of 10 mm between the unit and the human body. Carry this device at least 10 mm away from your body to ensure RF exposure level compliant or lower to the reported level. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 10 mm between this device and your body.

RF exposure compliance with any body-worn accessory, which contains metal, was not tested and certified, and use such body-worn accessory should be avoided.