



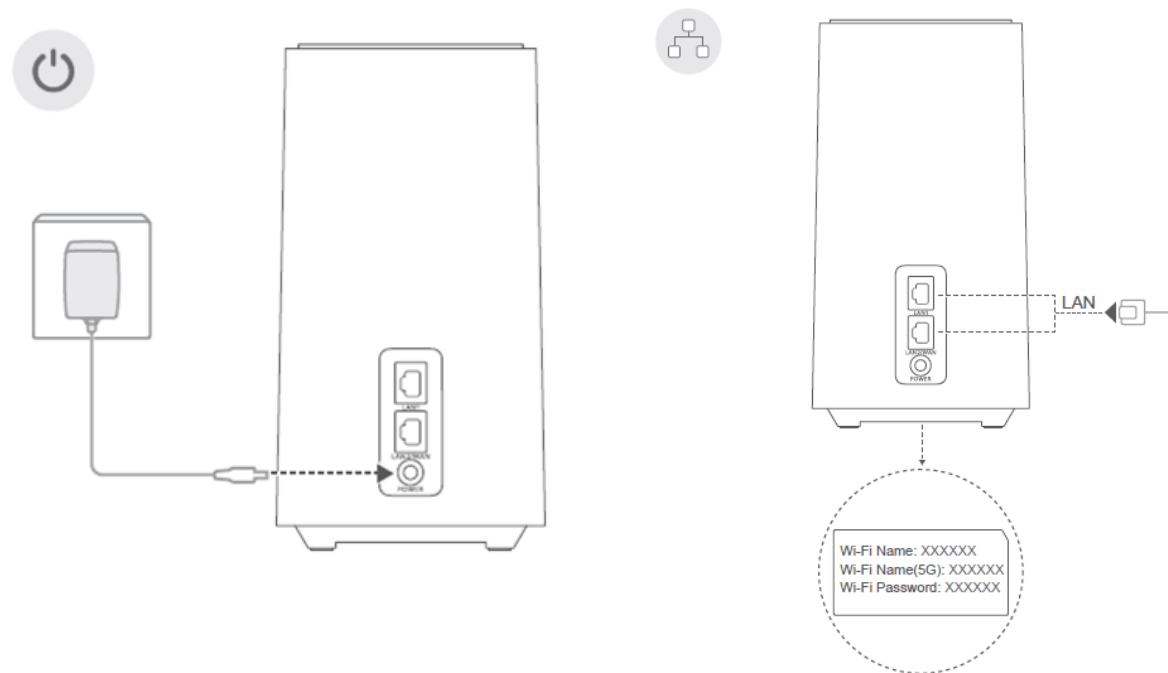
5G CPE 5

Router Configuration Guide

(Version 1.1)

Getting Started:

1. Connect the router's power adaptor to a power supply. The router will then start up automatically and connect to the Internet.
2. Connect your Wi-Fi device to the Wi-Fi network of the router. For the default Wi-Fi name and password, refer to the nameplate on the bottom of the router. If you are using a computer, connect the computer to the LAN port of the router using a network cable.

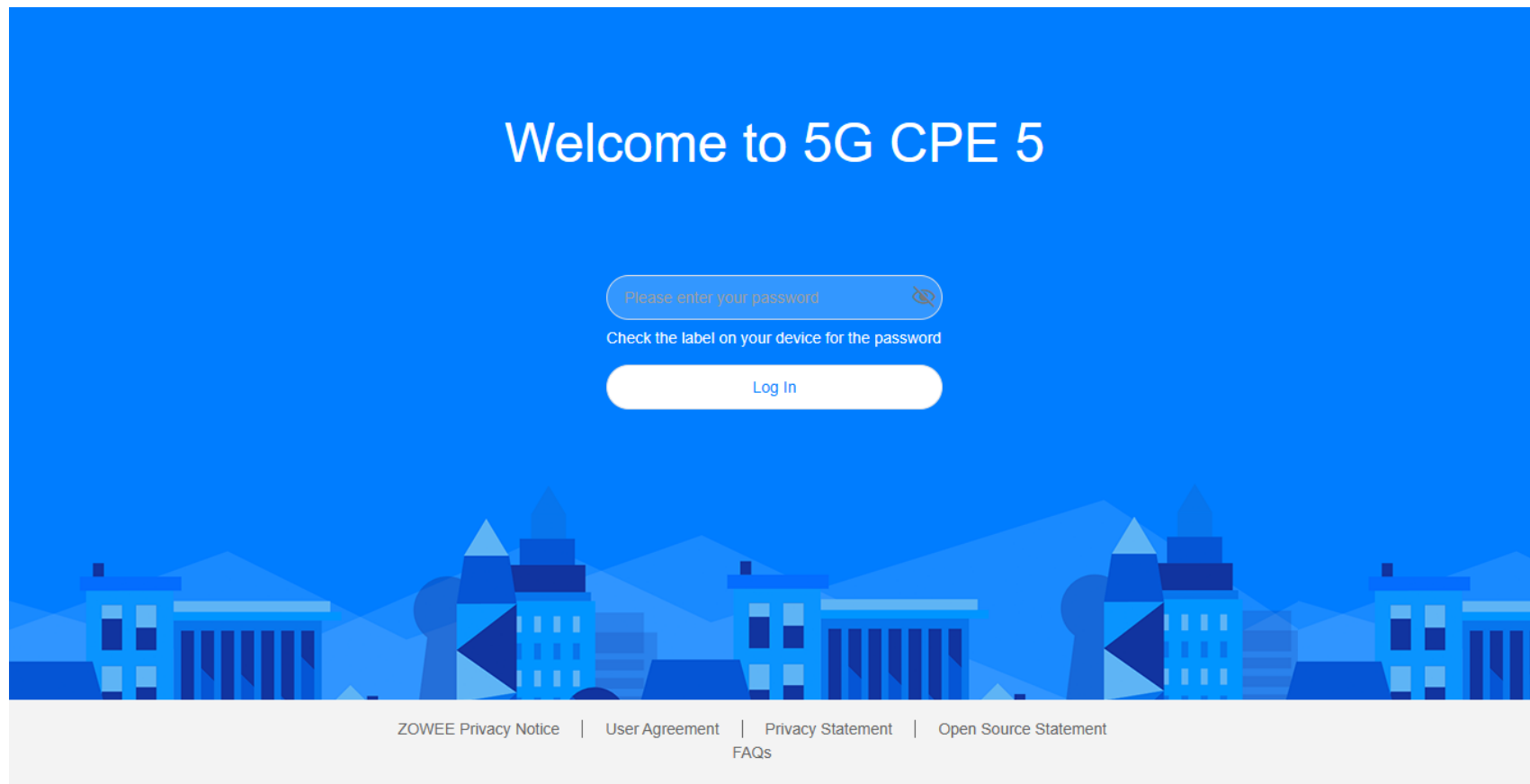


Basic Setting:

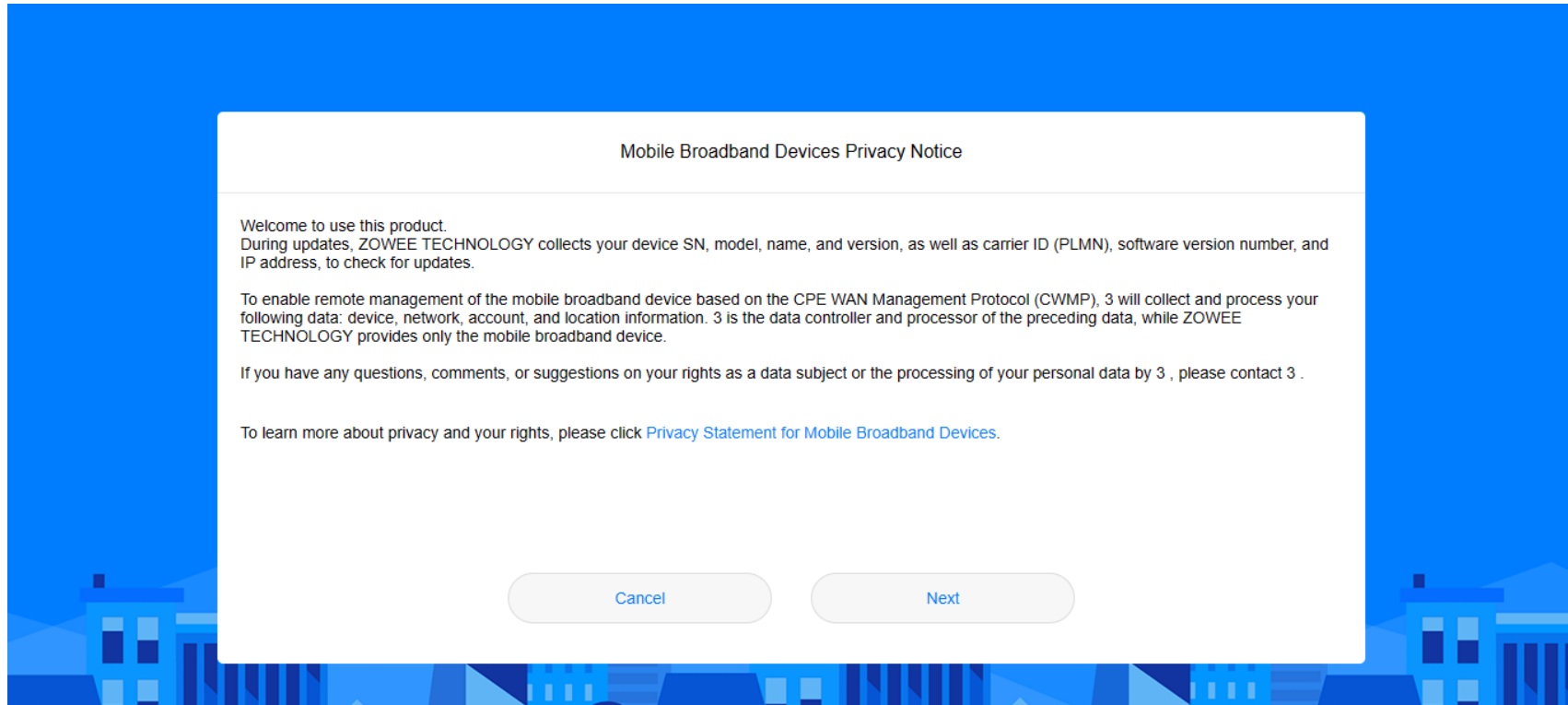
Log in to the web-based management page to manage your router, such as changing the Wi-Fi name or password.

1. Use browser to access **192.168.8.1**.

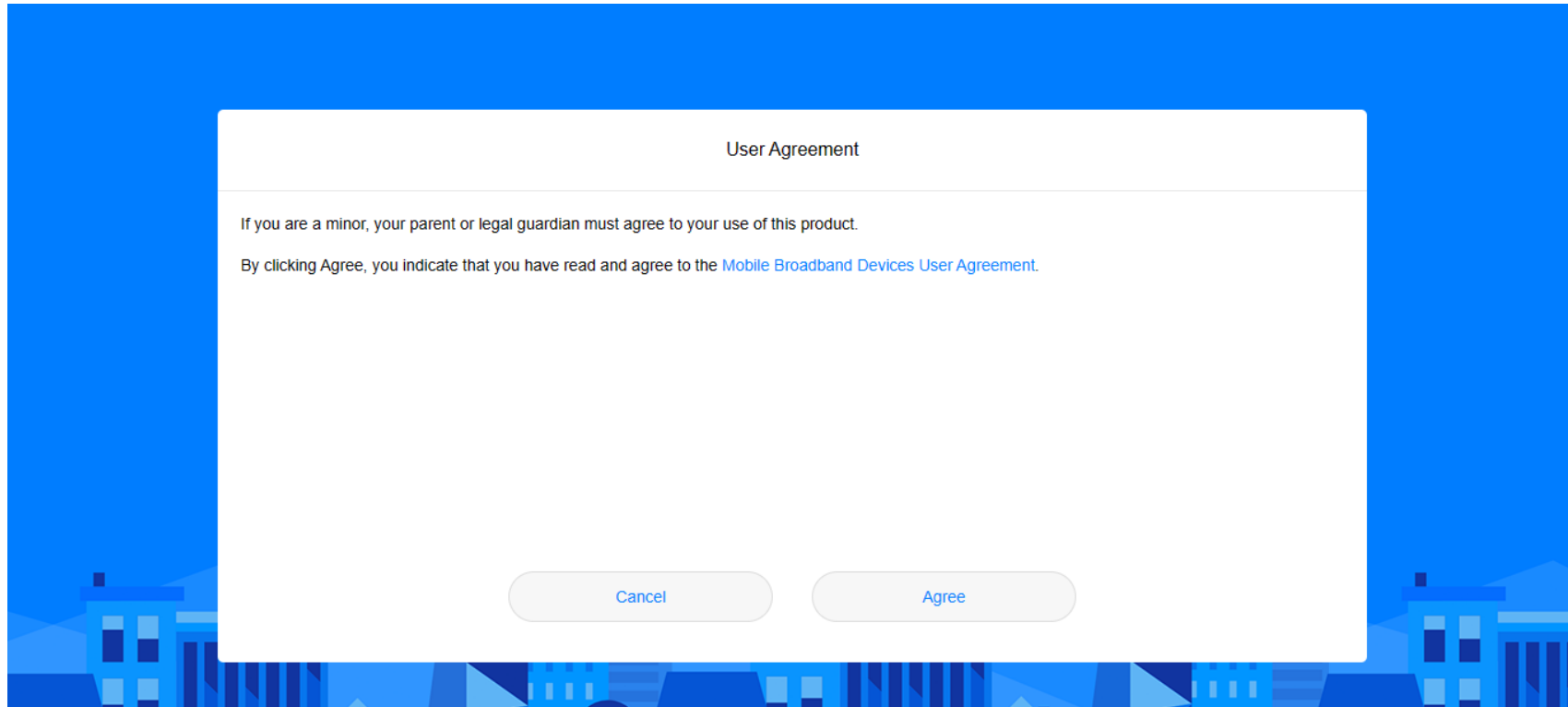
(The default login password can be found on the **nameplate on the bottom of the router.**)



2. Read the “Mobile Broadband Devices Privacy Notice” and press “Next” to continue.



3. Press “Agree” to accept “User Agreement”



4. Click “update manually” in “Overnight updates” to proceed.




5. Set the Wi-Fi name and password. Default Wi-Fi name and password can be found at the **nameplate on the bottom of the router**.
(Password length cannot be less than 8 characters)

Set Wi-Fi name and Password

5 GHz preferred

Wi-Fi name
The optimal frequency will be used when 5 GHz preferred is enabled.

5 GHz Wi-Fi name
Connect to this Wi-Fi to use 5 GHz Wi-Fi only.

Wi-Fi password 
This password will apply to both Wi-Fi networks

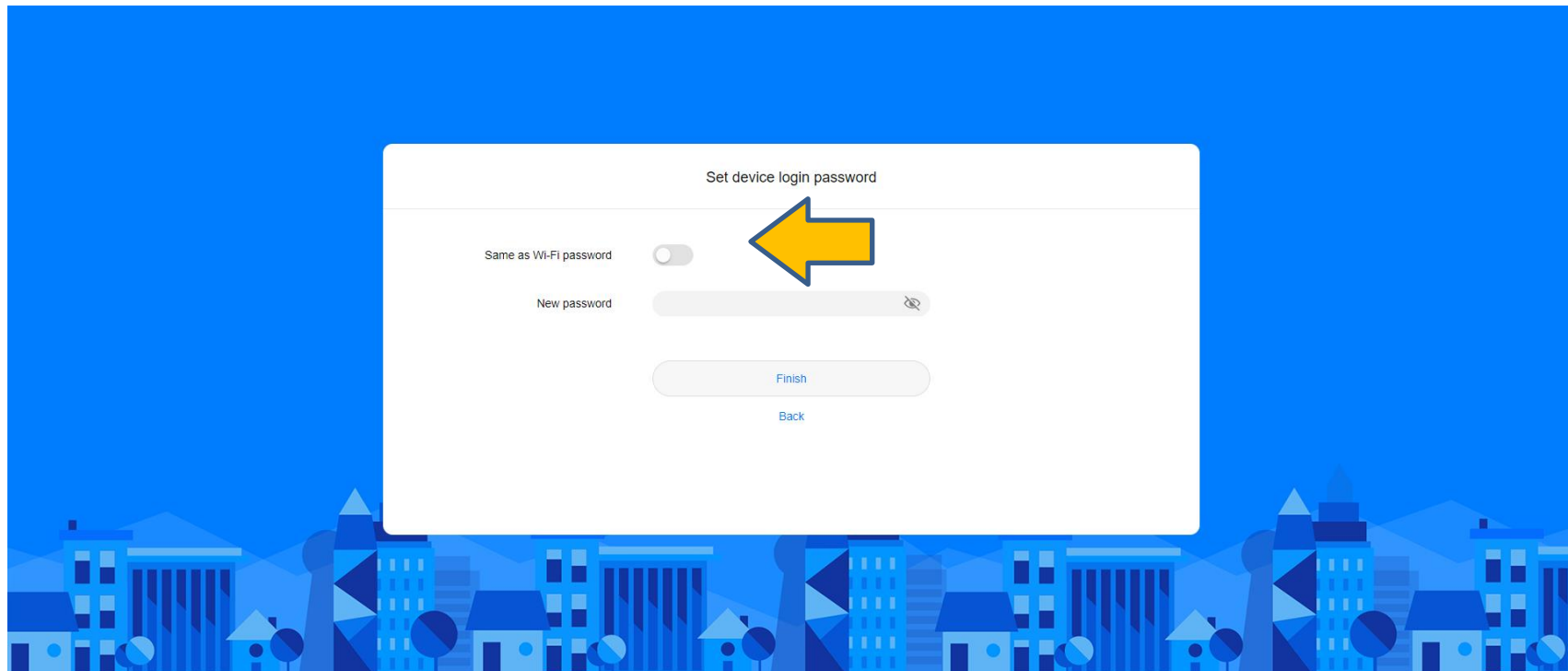
Next

6. Set the device login password

Notes:

“Same as Wi-Fi password” is enabled – The password for 5GHz, Wi-Fi and the web-based management page will be the same.

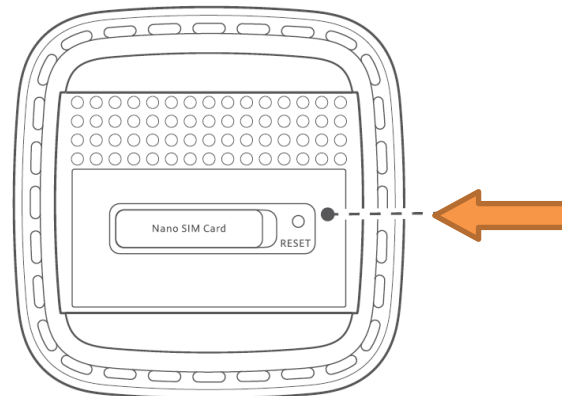
“Same as Wi-Fi password” not enabled – The password for web-based management page will be set to “New password” which is different from WiFi password.



7. Basic setting is completed, and the router should work properly.

Reset:

When the router is powered on, use a needle-type object to press and hold the Reset button, until the ambient light strip starts to flash. Release the button, and the router will restore to its factory settings.



Important Notes:

Please do NOT remove the SIM card from card slot. Please do not use the SIM card provided with other devices.

APN Setting for fix IP SIM Card: (may skip this session with DIP plan)

Press “+” to add a new Profile

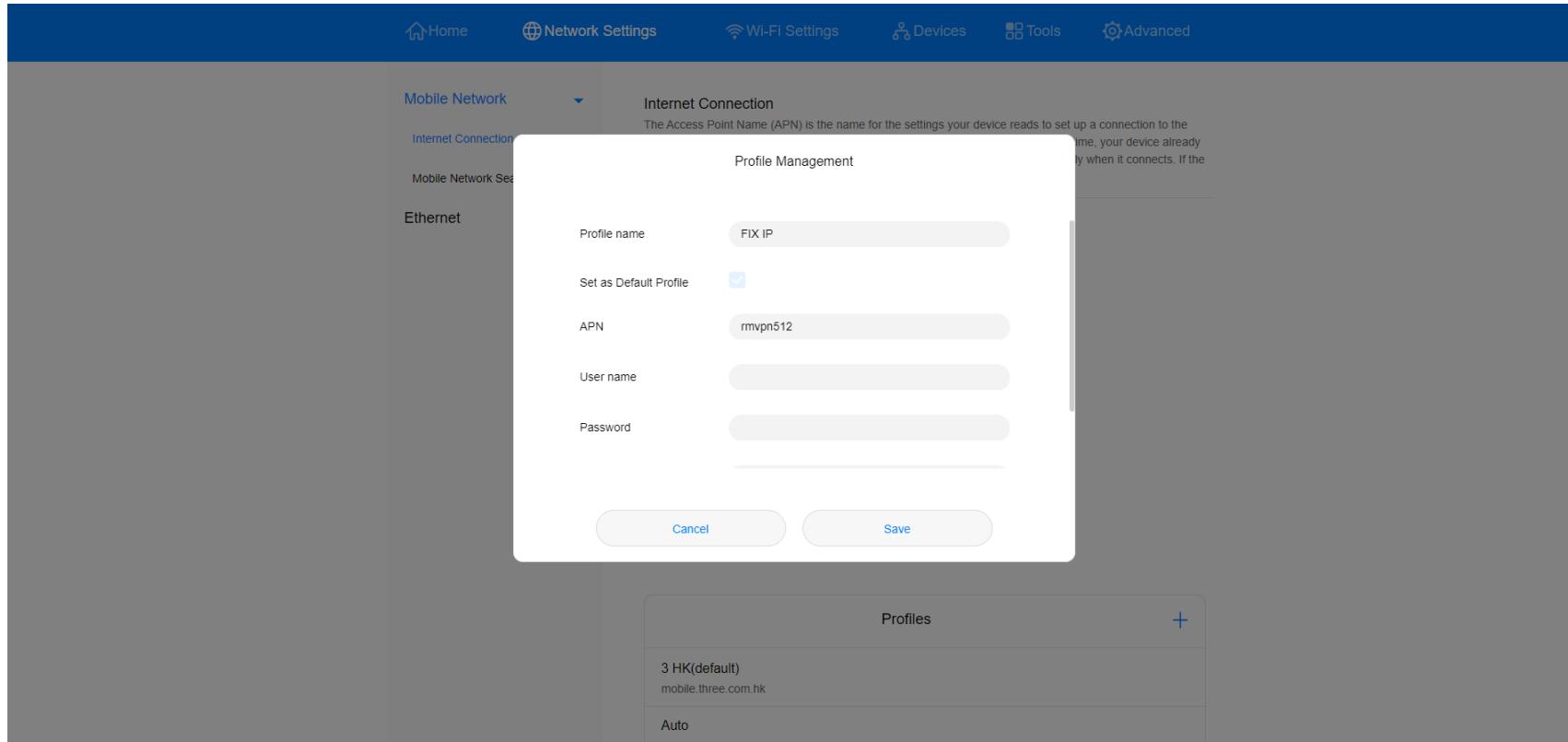
The screenshot displays the 'Internet Connection' settings page. The navigation bar at the top contains icons for Home, Network Settings, Wi-Fi Settings, Devices, Tools, and Advanced. The left sidebar shows 'Mobile Network' expanded, with 'Internet Connection' selected. The main content area is titled 'Internet Connection' and includes a description of APN. Below the description are several settings: 'Mobile data' (toggle on), 'Data roaming' (toggle off), 'Auto-select network' (toggle on), and 'MTU size' (set to 1500). At the bottom, there is a 'Profiles' list with a '+' icon to add a new profile, which is highlighted by a yellow arrow.

Profiles
3 HK(default) mobile.three.com.hk
Auto

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Fill in the info as stated below:

- **APN = rmvpn512**



The screenshot displays the router's configuration interface. At the top, a blue navigation bar contains icons for Home, Network Settings, Wi-Fi Settings, Devices, Tools, and Advanced. The left sidebar shows a menu with 'Mobile Network' expanded, containing 'Internet Connection', 'Mobile Network Searching', and 'Ethernet'. The main content area is titled 'Internet Connection' and includes a descriptive paragraph about APN. Below this are several settings: 'Mobile data' (enabled), 'Data roaming' (disabled), 'Auto-select network' (disabled), and 'MTU size' (set to 1500). A 'Save' button is located below these settings. At the bottom, a 'Profiles' section is visible, containing a list of three profiles: 'FIX IP(default)' with the APN 'rmvpn512', '3 HK' with the APN 'mobile.three.com.hk', and 'Auto'. A yellow arrow points to the 'Profiles' section.

Home Network Settings Wi-Fi Settings Devices Tools Advanced

Mobile Network
Internet Connection
Mobile Network Searching
Ethernet

Internet Connection

The Access Point Name (APN) is the name for the settings your device reads to set up a connection to the gateway between your carrier's cellular network and the public Internet. Most of the time, your device already has these settings in the system files, and can fill in the APN information automatically when it connects. If the APN can't connect to the Internet automatically, you can change the APN manually.

Mobile data

Data roaming

Auto-select network
This feature will be disabled when the profile configuration is changed.

MTU size 1500
Please do not edit unless absolutely necessary

Save

Profiles

FIX IP(default) rmvpn512	+	🗑️
3 HK mobile.three.com.hk		
Auto		

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The IP using can be found under “Advanced” → “System” → “Device Information” → “WAN IP Address”.

The screenshot displays the router's configuration web interface. At the top, a blue navigation bar contains the following menu items: Home, Network Settings, Wi-Fi Settings, Devices, Tools, and Advanced. The 'Advanced' menu is selected, and the 'System' sub-menu is expanded. Under 'System', the 'Device Information' option is selected. The main content area shows a list of device information fields:

Field Name	Value
Device name	H155-381
Serial number	6MQ7S23322003119
IMEI	860
IMSI	454
My number	Unl
Hardware version	WL1H158M02
Software version	2.1.0.3(H1510SP6C983)
Web UI version	WEBUI 2.1.0.3(W2SP4C7501)
Configuration file version	H155-381-CUST 2.1.0.1(C1609)
LAN MAC address	82:09:BA:1F:C4:60
WAN IP Address	Unknown
WAN IPv6 Address	<input type="text"/>

The 'WAN IP Address' field is currently 'Unknown'. Below it, there are two empty input boxes for the WAN IPv6 Address. A large yellow arrow points to the 'WAN IP Address' field. At the bottom of the device information section, there is a 'Refresh' button.

Wi-Fi Setting:

Basic SSID/password can be changed under “Wi-Fi Settings” → “Wi-Fi Basic Settings”

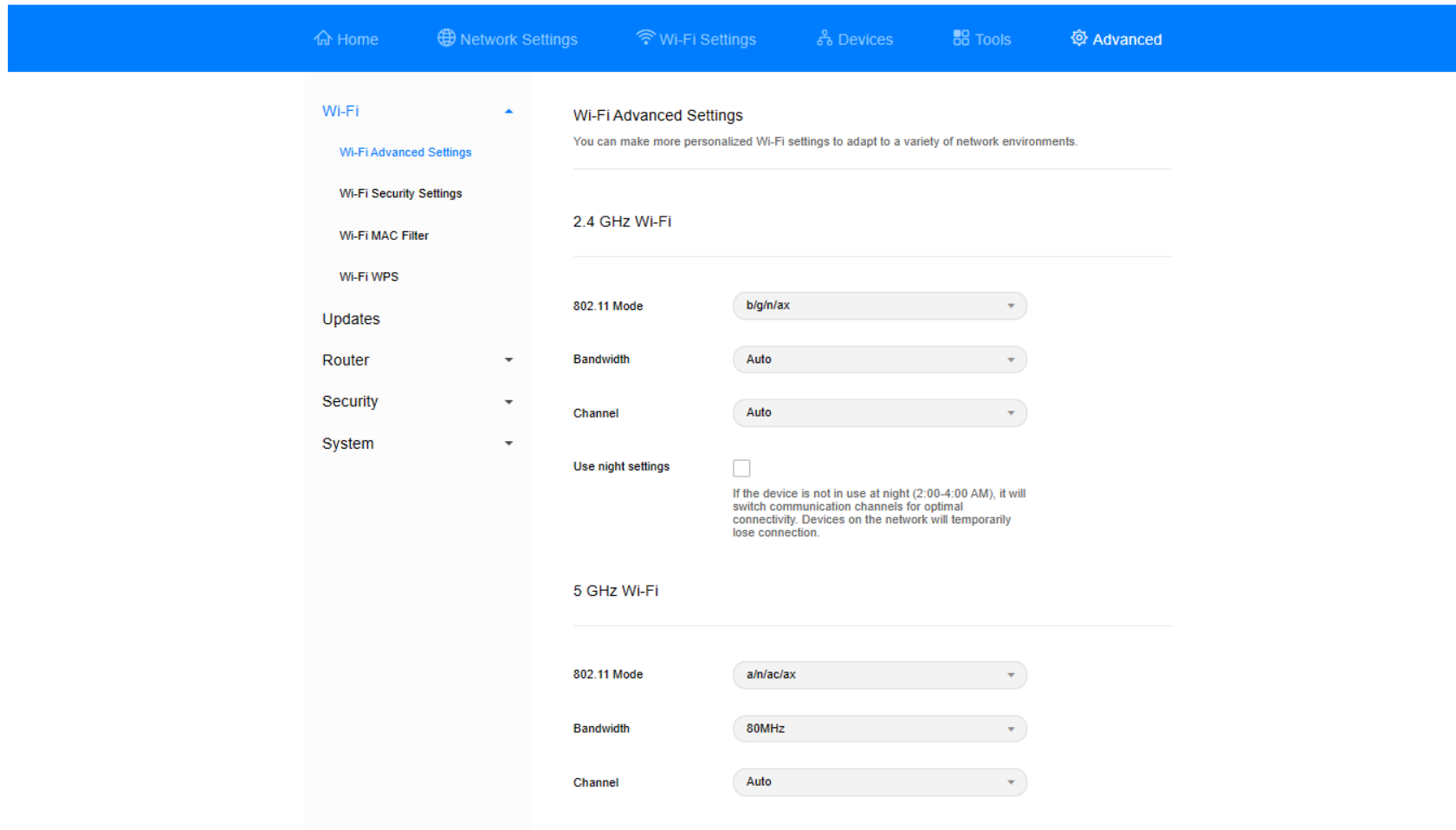
The screenshot displays the router's configuration interface for Wi-Fi Basic Settings. At the top, a blue navigation bar contains icons for Home, Network Settings, Wi-Fi Settings, Devices, Tools, and Advanced. The left sidebar shows 'Wi-Fi Basic Settings' and 'Guest Wi-Fi'. The main content area is titled 'Wi-Fi Basic Settings' and includes a 'Help' link. The settings are organized into two sections:

- 2.4/5 GHz Wi-Fi:** Features a '5 GHz preferred' toggle (checked), a 'Wi-Fi' toggle (checked), a name field set to 'TEST2.4G', a security mode dropdown set to 'WPA2-PSK', and a password field. A note states: 'The optimal frequency will be used when 5 GHz preferred is enabled.'
- 5 GHz Wi-Fi:** Features a '5 GHz preferred' toggle (checked), a 'Wi-Fi' toggle (checked), a name field set to 'TEST5G', a security mode dropdown set to 'WPA2-PSK', and a password field. A note states: 'Connect to this Wi-Fi to use 5 GHz Wi-Fi only.'

A 'Save' button is located at the bottom of the settings, and a 'More Wi-Fi Settings' link is positioned below it.

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If need to turn on/off Wi-Fi, define Channel/Mac options, or etc., related pages can be found under “Advanced” → “Wi-Fi” → “Wi-Fi Advanced Settings”.



Home Network Settings Wi-Fi Settings Devices Tools Advanced

Wi-Fi
Wi-Fi Advanced Settings
Wi-Fi Security Settings
Wi-Fi MAC Filter
Wi-Fi WPS
Updates
Router
Security
System

Wi-Fi Advanced Settings

You can make more personalized Wi-Fi settings to adapt to a variety of network environments.

2.4 GHz Wi-Fi

802.11 Mode **b/g/n/ax**

Bandwidth **Auto**

Channel **Auto**

Use night settings

If the device is not in use at night (2:00-4:00 AM), it will switch communication channels for optimal connectivity. Devices on the network will temporarily lose connection.

5 GHz Wi-Fi

802.11 Mode **a/n/ac/ax**

Bandwidth **80MHz**

Channel **Auto**

LAN Setting:

LAN IP / DHCP setting can be changed under “Advanced” → “Router” → “DHCP”

The screenshot shows the router's configuration interface. At the top is a blue navigation bar with icons for Home, Network Settings, Wi-Fi Settings, Devices, Tools, and Advanced. On the left is a sidebar menu with options: Wi-Fi, Updates, Router (selected), DHCP, VPN, Bridge Mode, Security, and System. The main content area is titled 'DHCP' and contains the following settings:

- LAN IP address: 192.168.8.1
- DHCP server:
- DHCP IP range: 192.168.8.100 - 200
- DHCP lease time: 1 day

Below the settings is a 'Save' button. At the bottom, there is a section titled 'IP and MAC Address Binding List' with a '+' icon to add entries. Below this title is a table with the following columns: No., IP address, Device Name, MAC address, and Options.

No.	IP address	Device Name	MAC address	Options

NAT Setting:

Port Forward setting can be changed under “Advanced” → “Security” → “Virtual Server”

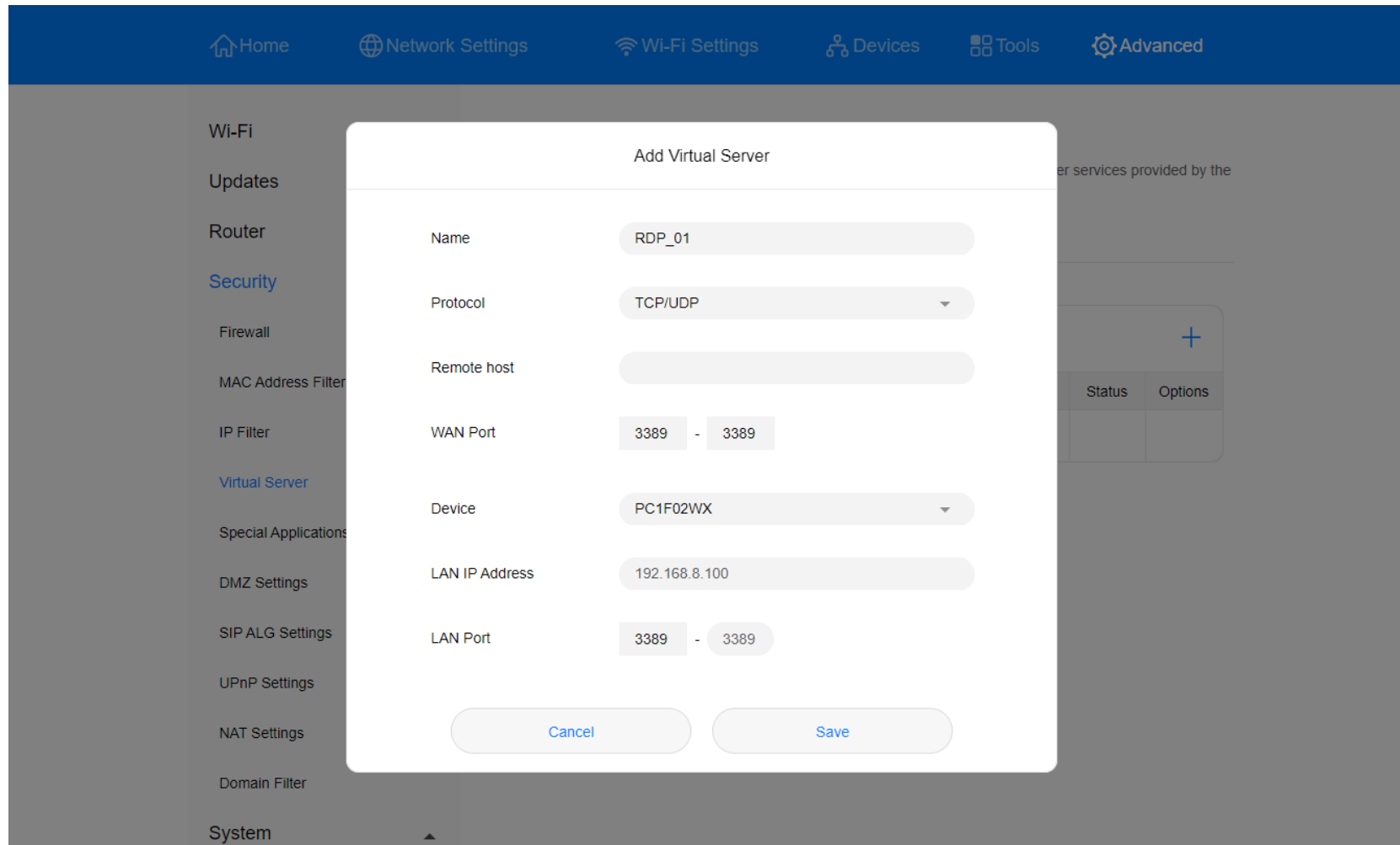
The screenshot shows the router's configuration interface. At the top is a blue navigation bar with icons and labels for Home, Network Settings, Wi-Fi Settings, Devices, Tools, and Advanced. A left sidebar contains a menu with categories like Wi-Fi, Updates, Router, Security (highlighted), Firewall, MAC Address Filter, IP Filter, Virtual Server (highlighted), Special Applications, DMZ Settings, SIP ALG Settings, UPnP Settings, NAT Settings, Domain Filter, and System. The main content area is titled 'Virtual Server' and includes a description: 'Configure a virtual server to enable external computers to access WWW, FTP or other services provided by the LAN.' Below this is a 'Help' link and a 'Virtual Servers List' table with a '+' icon for adding new entries. The table has columns for Name, Remote host, WAN Port, LAN IP Address, LAN Port, Protocol, Status, and Options.

Virtual Servers List								+
Name	Remote host	WAN Port	LAN IP Address	LAN Port	Protocol	Status	Options	

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For example:

- (1) IP of internal LAN device is 192.168.8.100 with service port as 3389; and
- (2) external LAN use the same port, may set as follow:



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If need to use DMZ (or 1-to-1 NAT), may set under “Advanced” → “Security” → “DMZ Settings”:

The screenshot displays the router's configuration interface. At the top, a blue navigation bar contains icons and labels for Home, Network Settings, Wi-Fi Settings, Devices, Tools, and Advanced. A left-hand sidebar lists various settings categories: Wi-Fi, Updates, Router, Security (highlighted in blue), Firewall, MAC Address Filter, IP Filter, Virtual Server, Special Applications, DMZ Settings, SIP ALG Settings, UPnP Settings, NAT Settings, Domain Filter, and System. The main content area is titled 'DMZ Settings' and contains the following information:

- DMZ Settings**
You can set up a computer in a local area network as a DMZ host. The host will be exposed to a wide area network and can be accessed directly from devices on the WAN. Note: The firewall settings for the DMZ host will become ineffective.
- DMZ status**: A toggle switch is currently turned on (blue).
- Device**: A dropdown menu is set to 'PC1F02WX'.
- DMZ host IP address**: A text input field contains '192.168.8.100'.
- A **Save** button is located at the bottom of the settings area.

***** Note: With DMZ set, device will be directly explored in internet. *****