



## 5G CPE Pro 3

### 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.

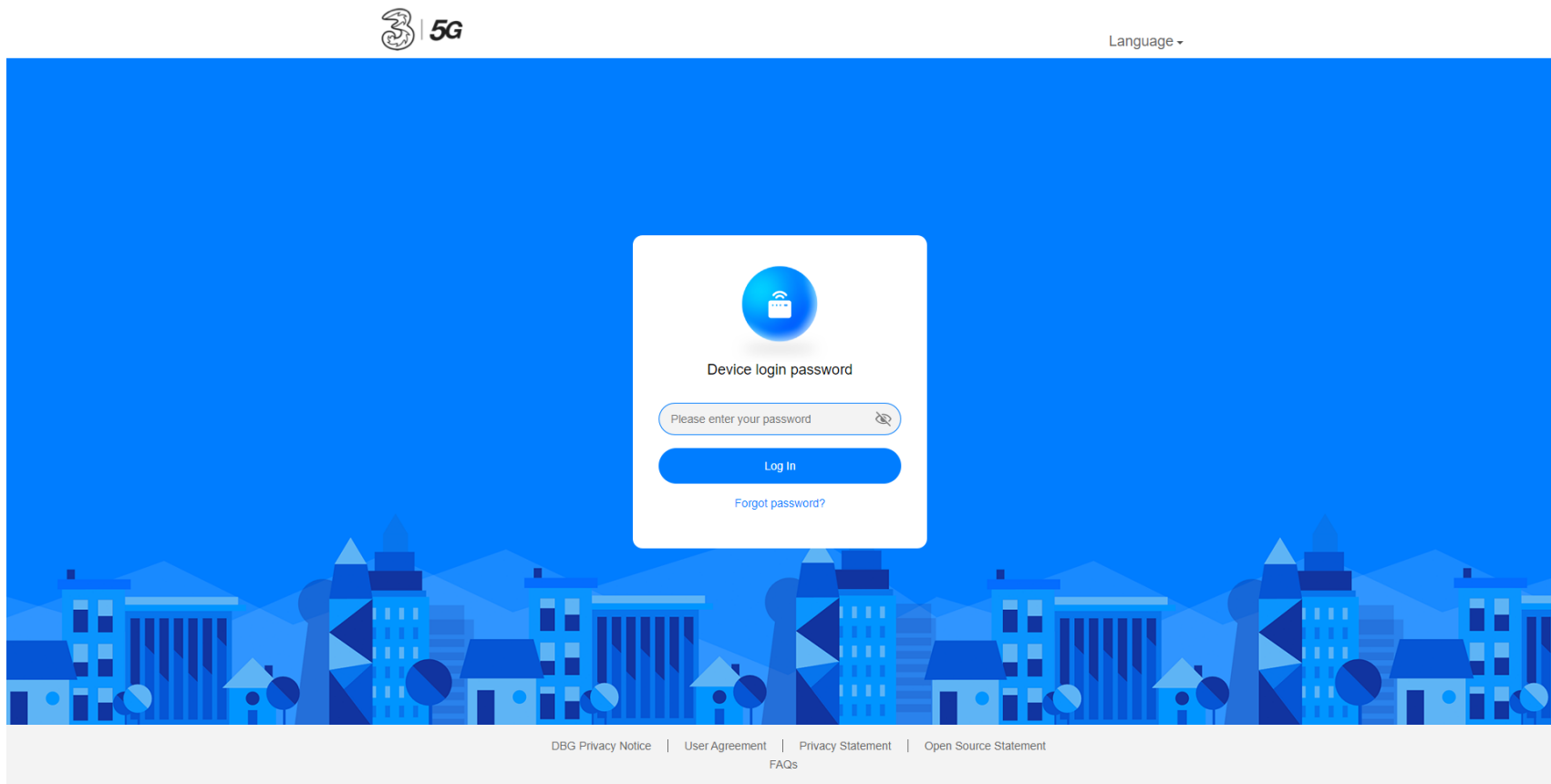


### **Basic Setting:**

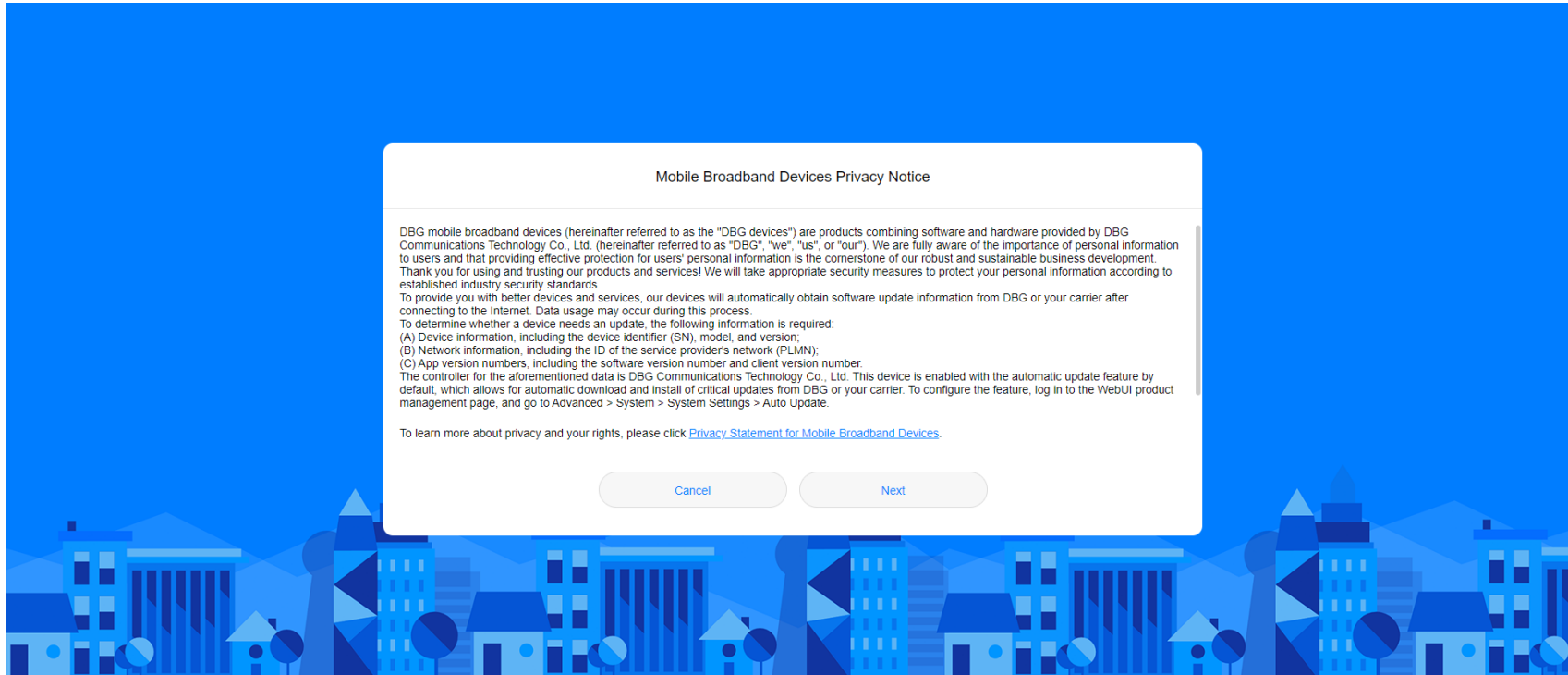
Log in to the web-based management page to manage your router, such as changing the Wi-Fi name or password.

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

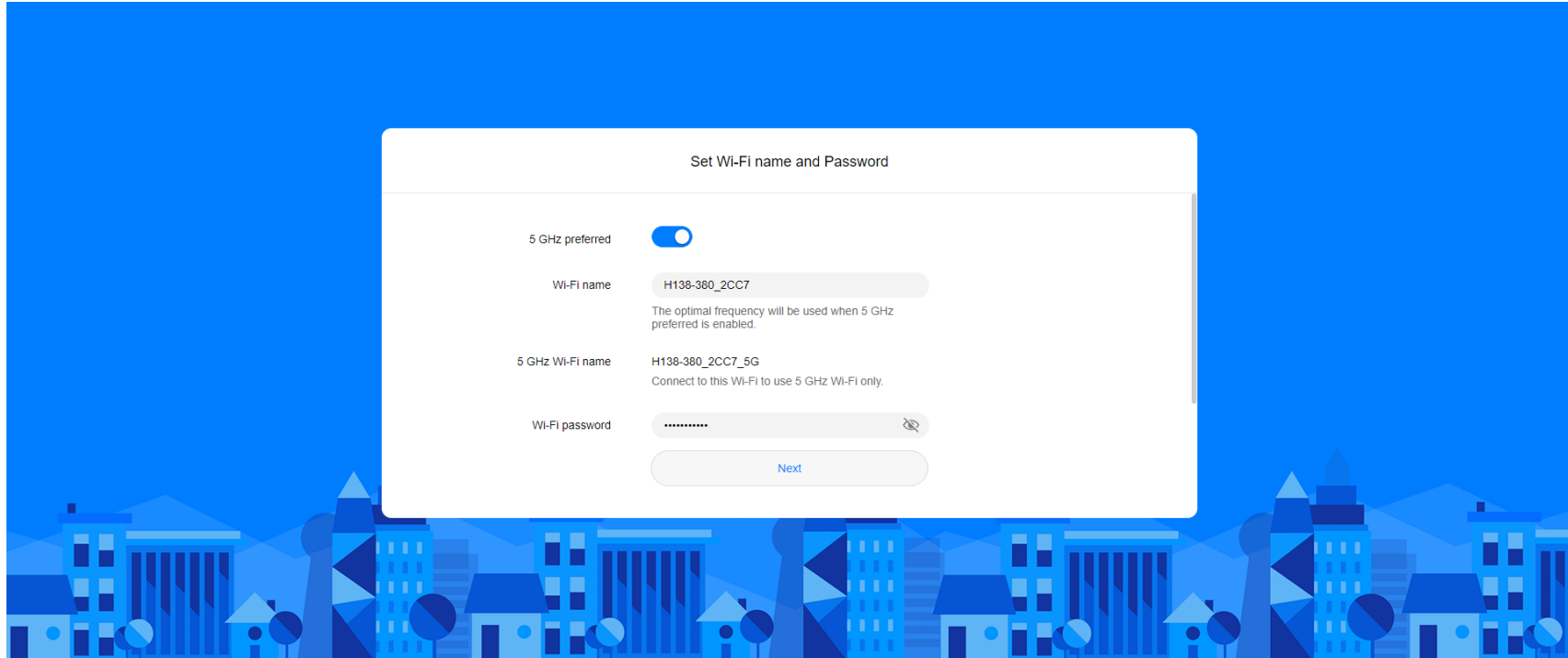
(The default login password can be found on the **nameplate on the bottom of the router.**)



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



3. 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)

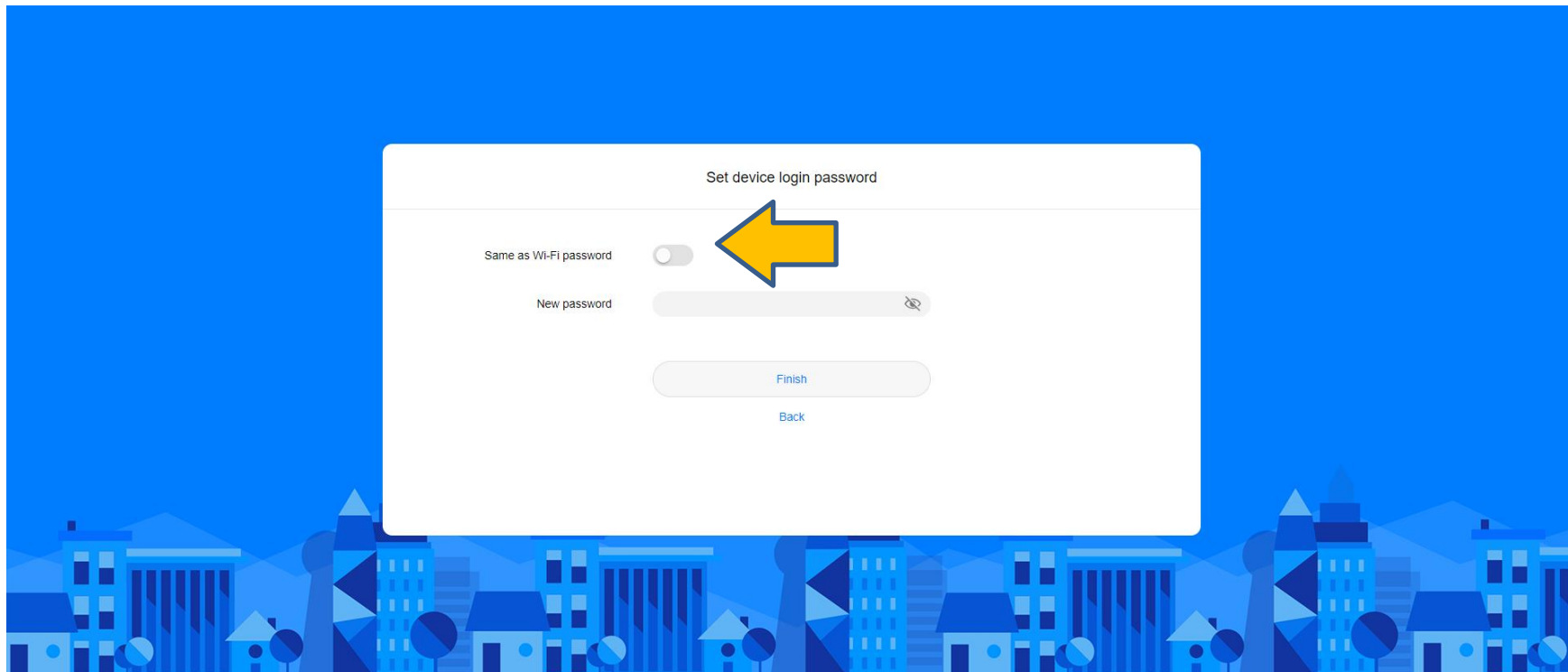


### 4. Set the device login password

**Note:**

“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.



5. 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.

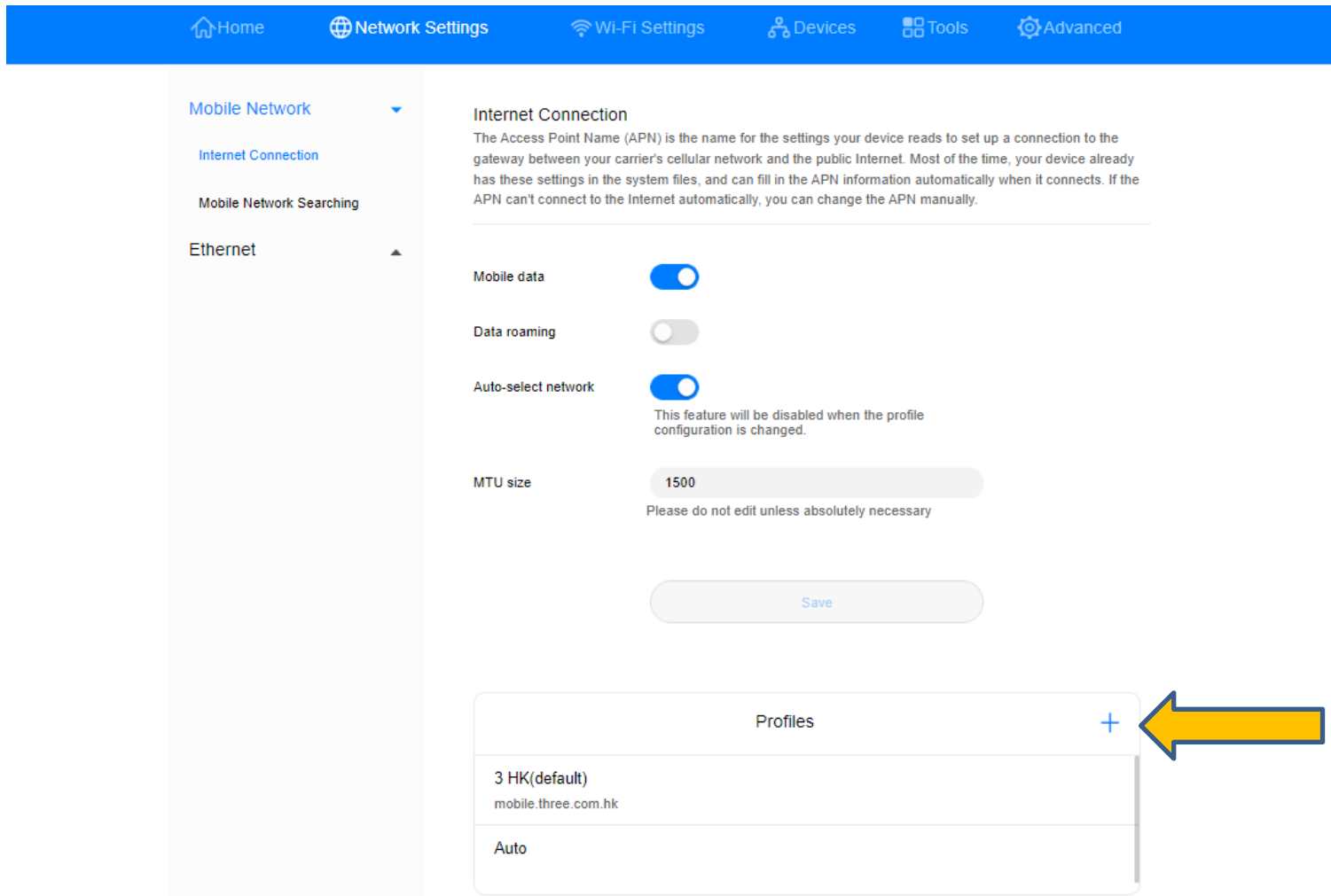


### **Important Notes:**

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)**

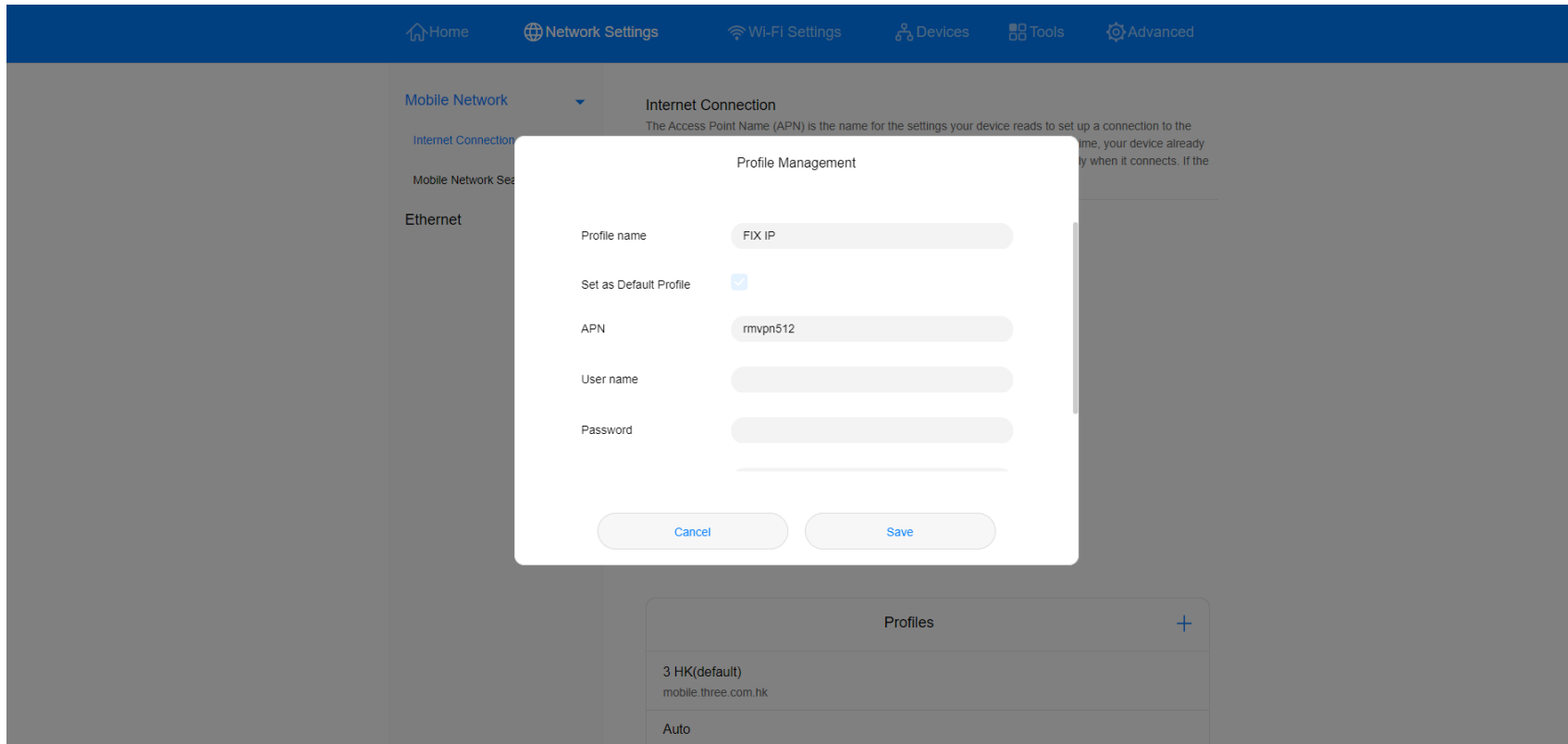
Scroll to the bottom. Press “+” to add a new Profile





Fill in the info as stated below:

- **APN = rmvpn512**



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		

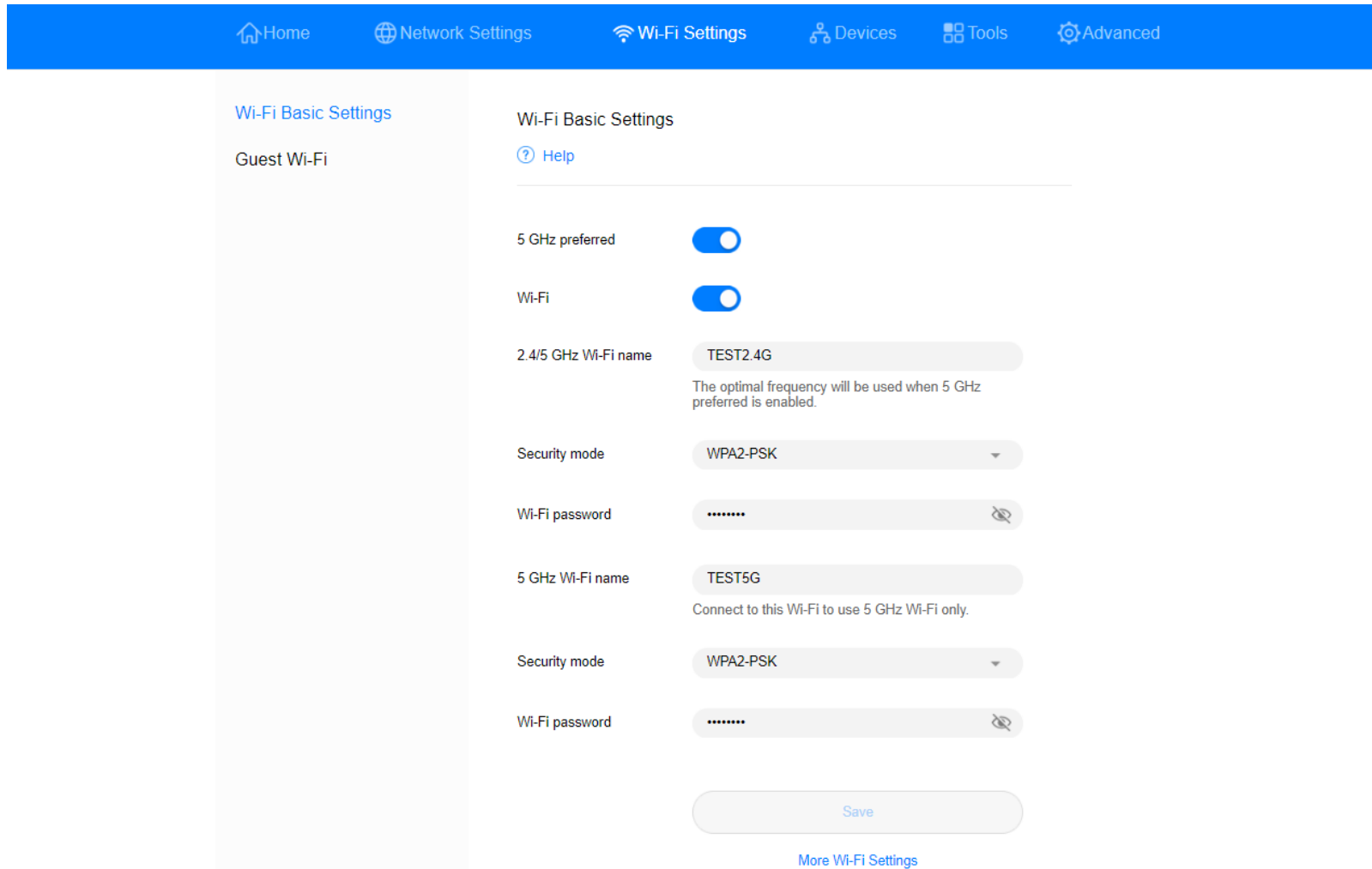
The IP using can be found under “Advanced” → “System” → “Device Information” → “WAN IP Address”.

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. On the left, a sidebar menu lists various settings categories: Wi-Fi, Updates, Router, Security, System (highlighted in blue), Device Information, Restart, Reset, One-click Check, Diagnosis, Modify Password, PIN Code Management, Time Settings, and System Settings. The main content area shows the 'Device Information' page with a list of system details. A yellow arrow points to the 'WAN IP Address' field, which is currently set to '180.188.' followed by an empty input box.

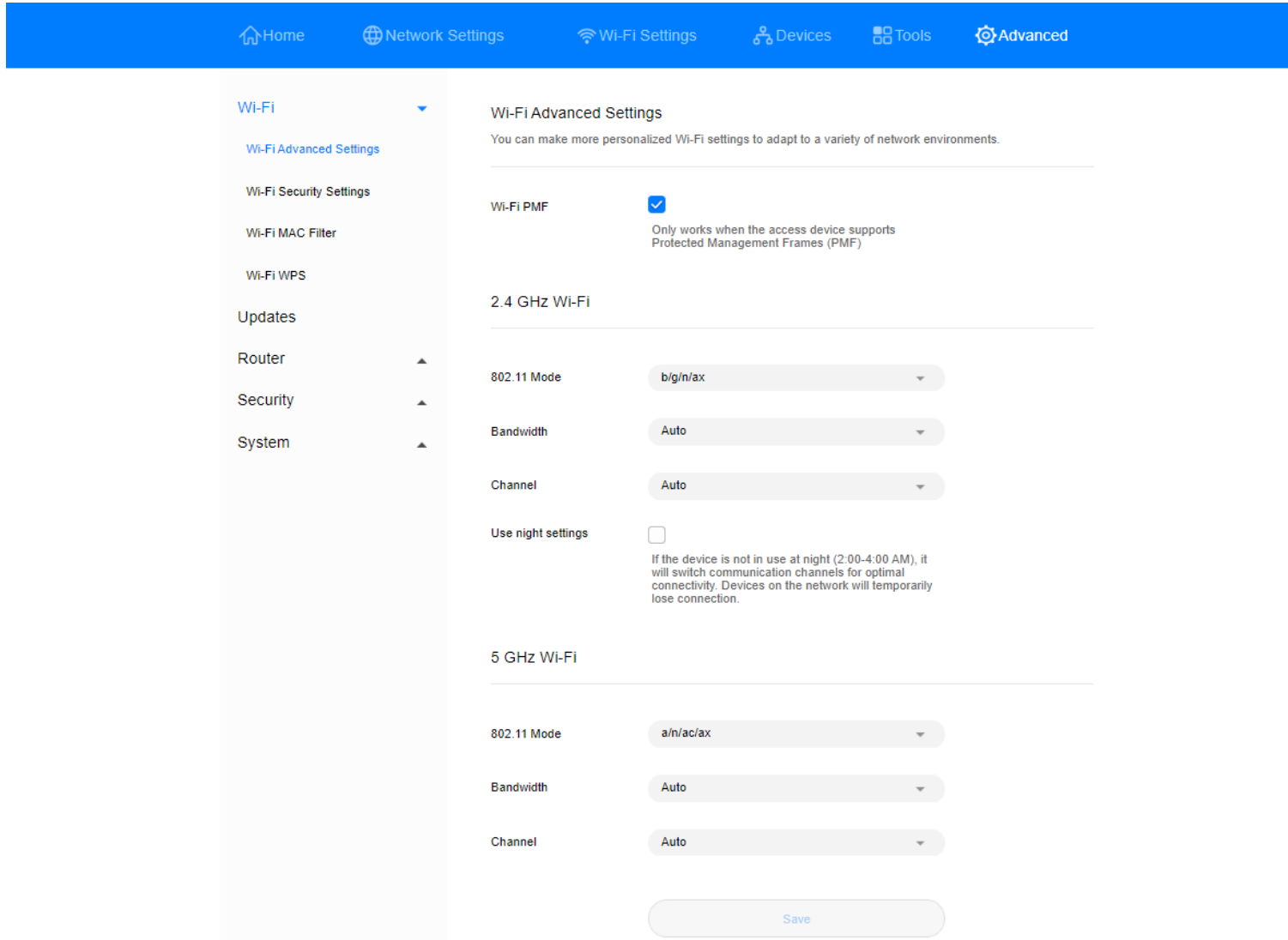
Device Information	
Device name	H138-380
Serial number	SMF1
IMEI	8648
IMSI	4540
My number	Unknown
Hardware version	WL1H138SW
Software version	11.0.5.51(H140SP13C983)
Web UI version	WEBUI 11.0.5.51(W2SP2C7501)
Configuration file version	H138-380-CUST 11.0.5.51(C1128)
LAN MAC address	62:26:FC:C7:2C:01
WAN IP Address	180.188. <input type="text"/>
WAN IPv6 Address	Unknown
CELL_ID	153674497
BSDC	15.0.18

**Wi-Fi Setting:**

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



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”.



**LAN Setting:**

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

Home Network Settings Wi-Fi Settings Devices Tools Advanced

Wi-Fi ▲  
Updates  
Router ▼  
DHCP  
VPN  
Bridge Mode  
Security ▲  
System ▲

### DHCP

LAN IP address 192.168.8.1

DHCP server

DHCP IP range 192.168.8.100 - 200

DHCP lease time 1 day ▼

Save

IP and MAC Address Binding List +

No.	IP address	Device Name	MAC address	Options

**NAT Setting:**

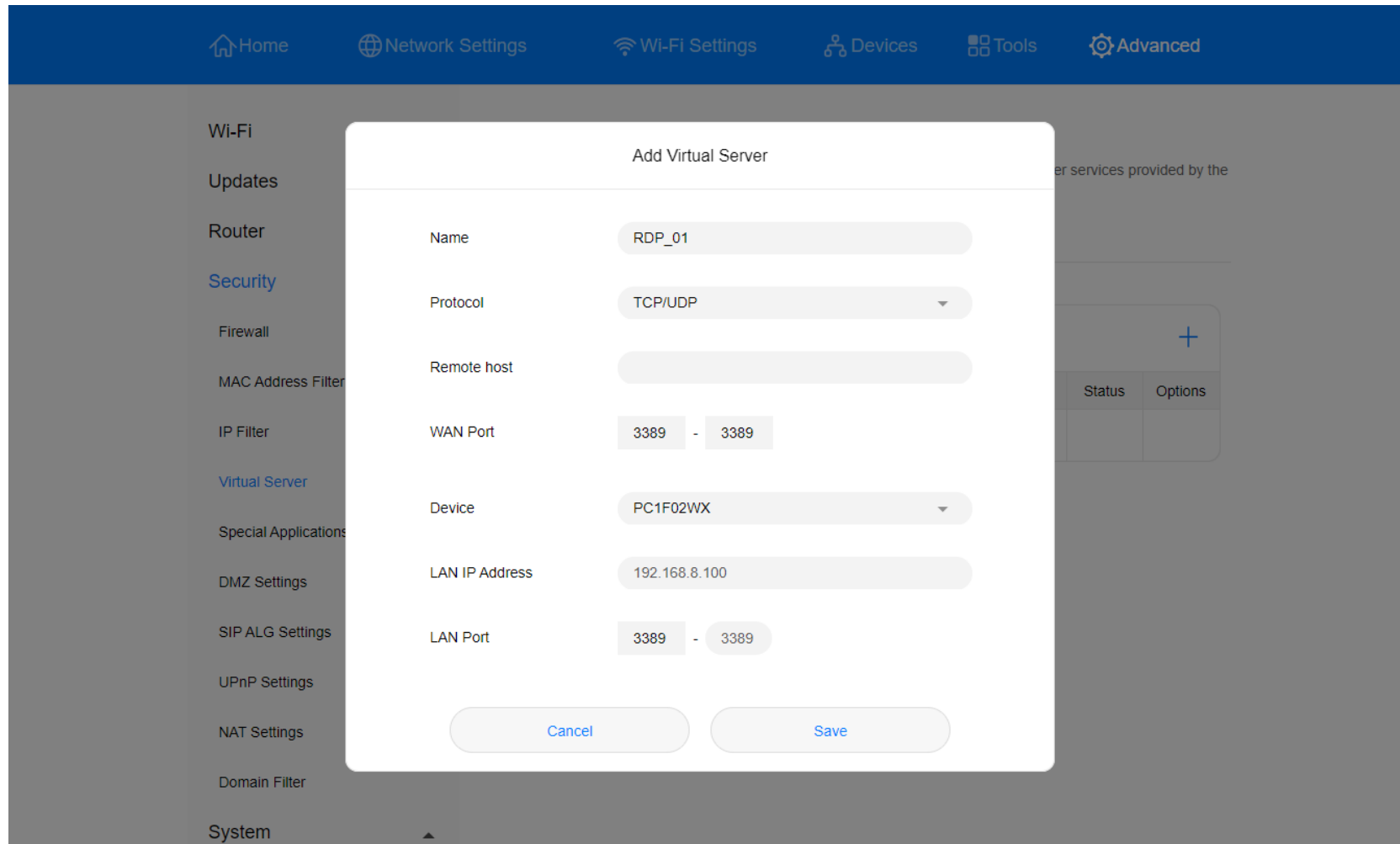
Port Forward setting can be changed under “Advanced” → “Security” → “Virtual Server”

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. On the left is a vertical sidebar 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 table titled 'Virtual Servers List' 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

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:





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

The screenshot shows 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. On the left, a sidebar menu 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 includes a descriptive paragraph: "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." Below this, there are three settings: "DMZ status" with a blue toggle switch turned on; "Device" with a dropdown menu showing "PC1F02WX"; and "DMZ host IP address" with a text input field containing "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. \*\*\*\*\*