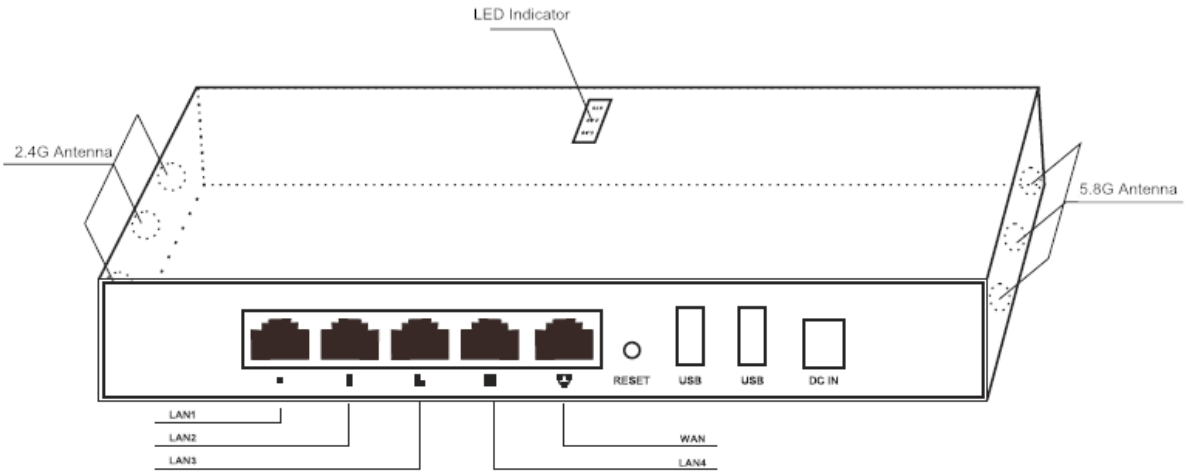
This is the user manual of Pronto Intelligent Access Point, which will approximate guide you how to set and apply the Wireless Router, it provide a convenient graphical interface for network construction and maintenance person, as well as a user through a simple and accurate operation, and configuration management of this wireless router

1st Hardware and Operation mode Instruction

Wireless Router Interface



P1 Wireless Router Interface

RST: Reset Button, it make wireless rotuer revert to default data after press it 15 seconds.

WAN: Gigabit WAN Port, connect with ADSL modem or Internet mainly. It will be LAN port under Wireless Router and WiFi Repeater operation mode

LAN: Gigabit LAN Port to end users

LED indicator: show the status of this wireless router

DC in: DC power connector, 12V/1.5A

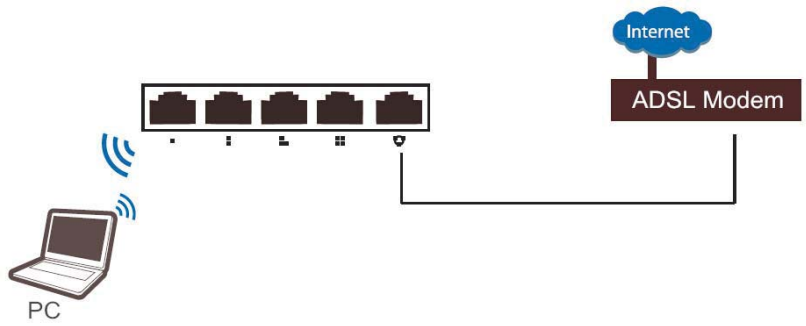
USB: USB WiFi Storage function, for DLNA, SAMBA.

LED indicator:

LED Indicator	Status	Description
SYS LED	on	Power on
	off	Power off
5.2G/5.8GWiFi	twinkled	11a 5.2G/5.8G SSID enable
	off	11a 5.2G/5.8G SSID disable
2.4G WiFi	twinkled	2.4G SSID enable
	off	2.4G SSID disable

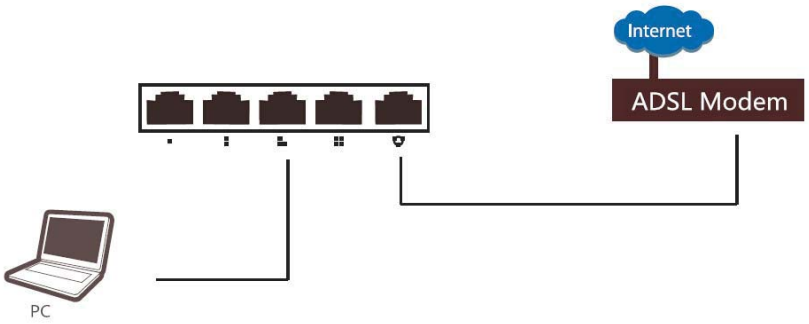
Connect Wireless Router with PC:

Use can connect the PC with Wireless Router by Wireless SSID and LAN cable: The diagram of wireless connection showed as follow:
Pls note: the default SSID is **Wireless2.4G/5.2/5.8G, SSID's password is 66666666**



P2 Connect router with PC in WiFi

The diagram of LAN cable connection showed as follow:



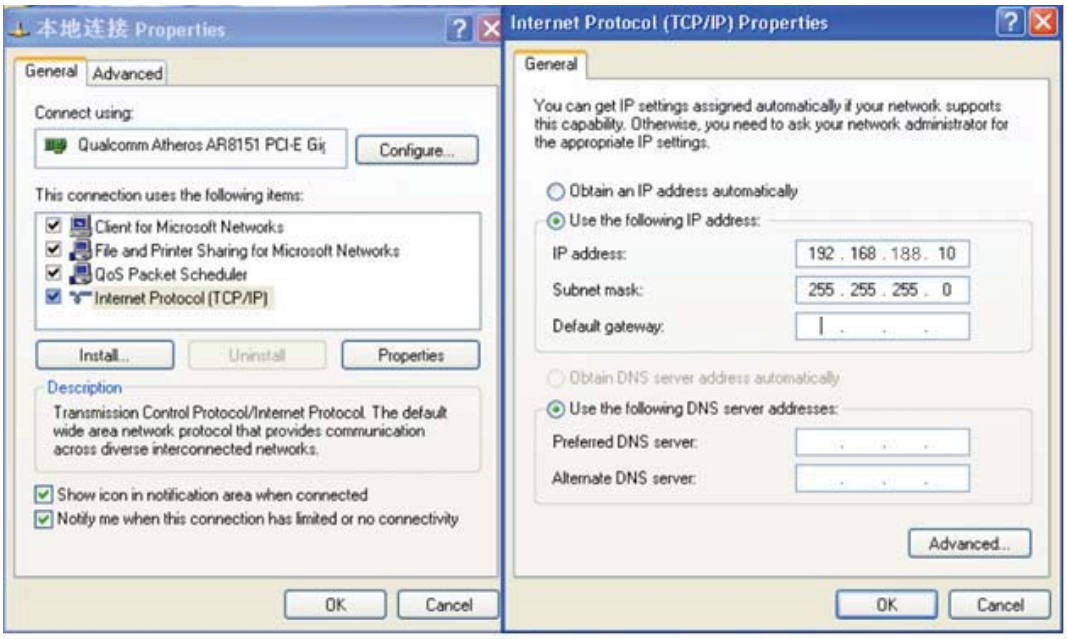
P3 Connect router with PC in LAN Port

2nd：Login

1）Connect the Wireless Router with computer

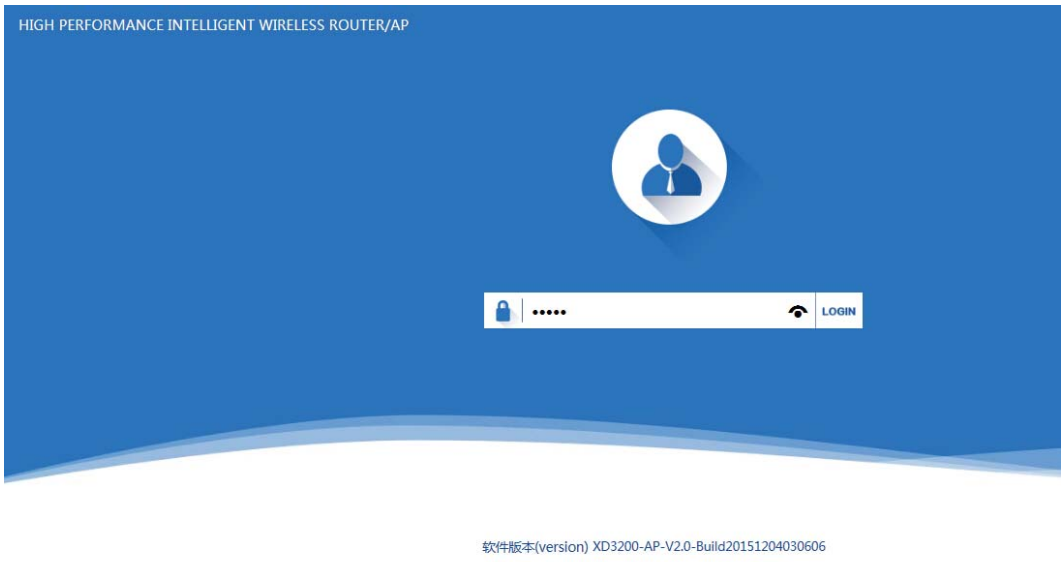
2）Configure the PC's local connection IP address as 192.168.188.X (X is number from 2 to 254), subnet mask is 255.255.255.0, follow P4 and P5 to finish.

P4　Setting of computer's IP address



P 5　Setting of computer's IP address

3) Input 192.168.188.253 into IE browser, then pop up the login page, the default Passwords: admin, pls do following P6

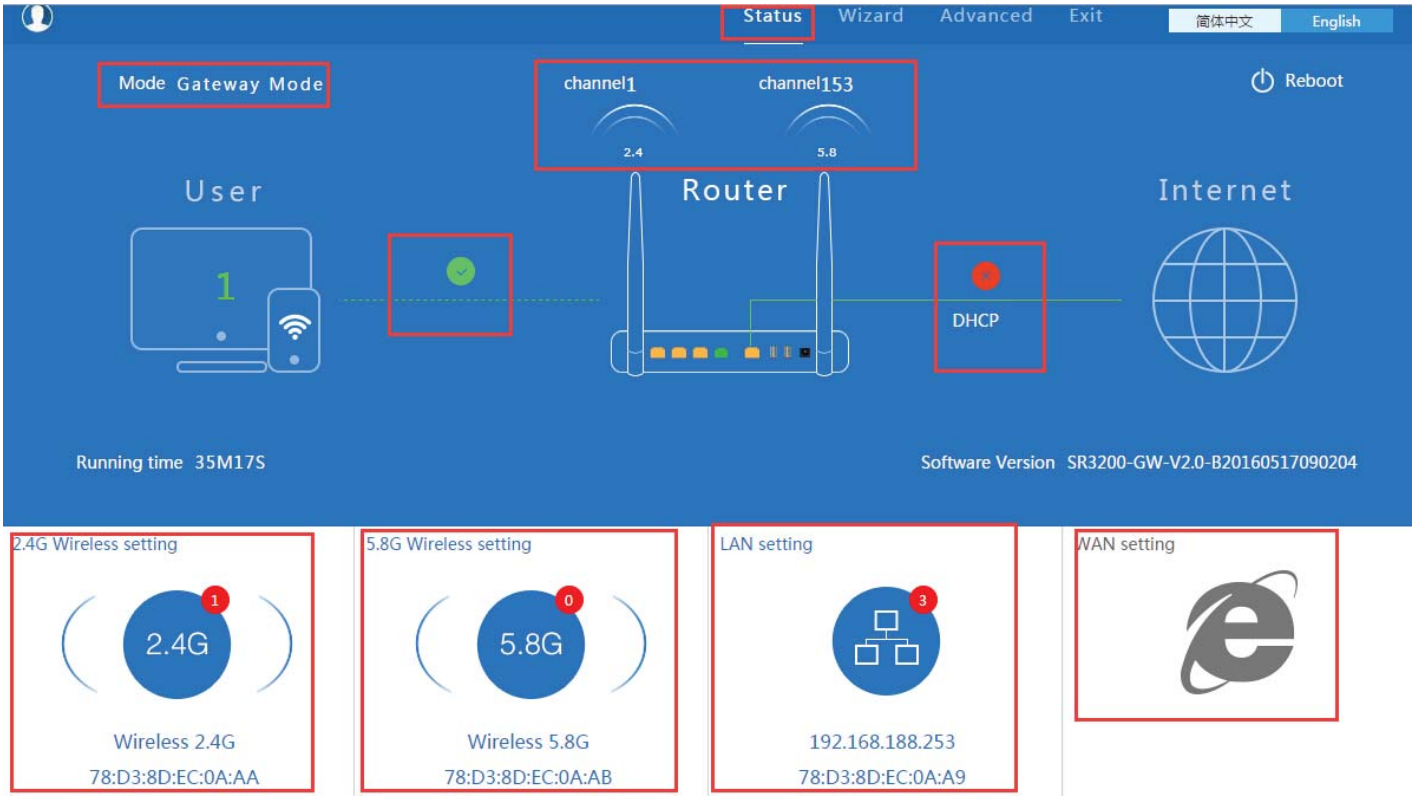


P6 Login

3rd : WEB GUI interface Setting:

1) Status

After login, then P7 Device Status will be showed:

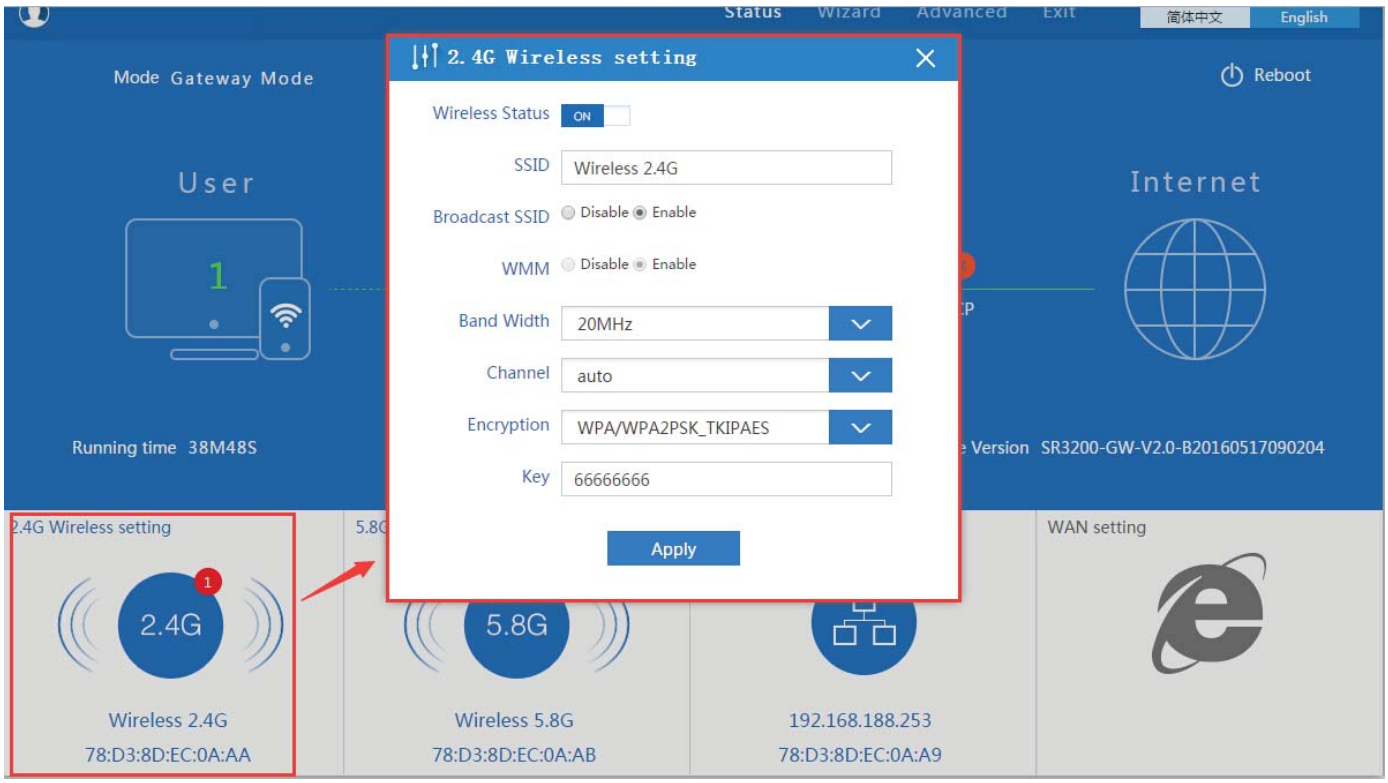


P7: Device Status

In this Wireless Router, the default operation mode is GATEWAY mode.

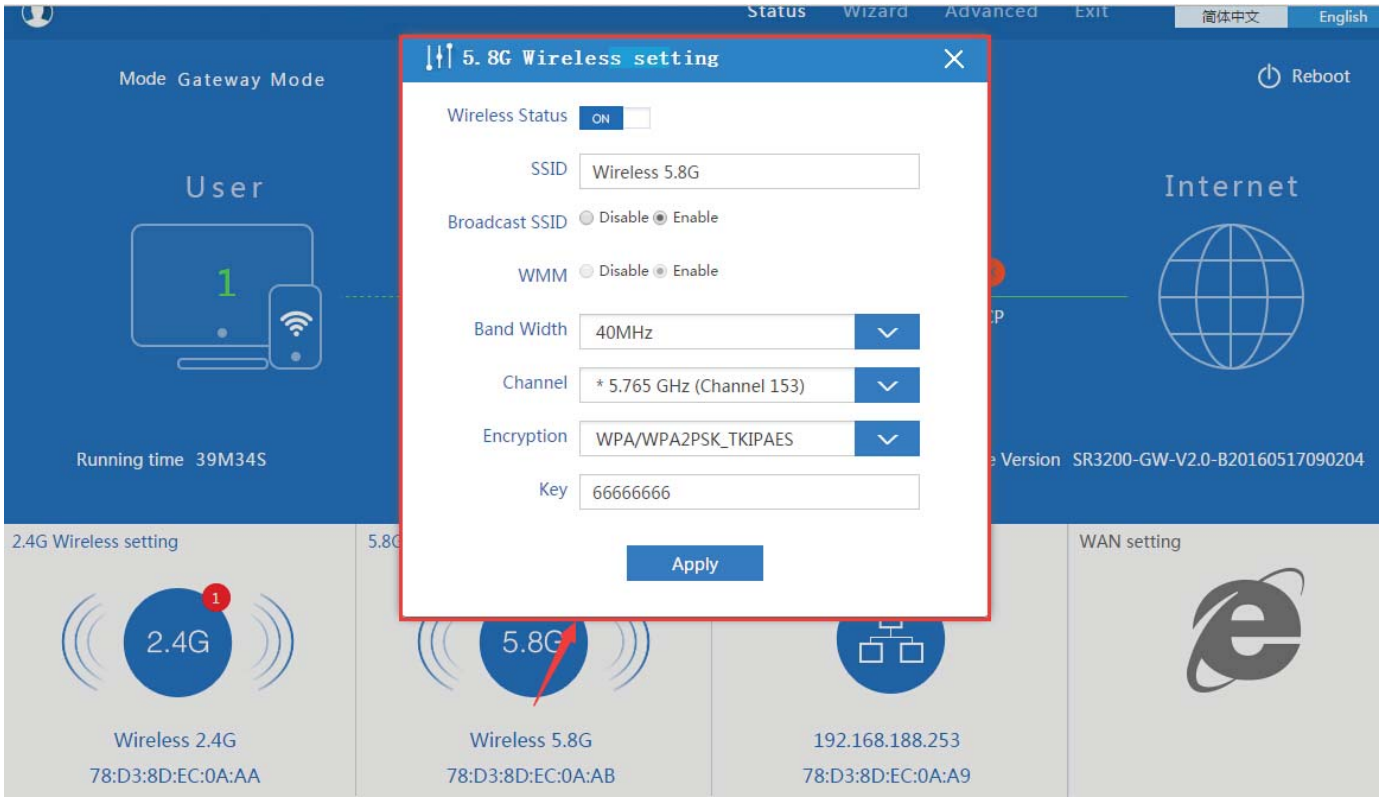
Then in 2.4G Wireless Setting, GUI configuration page showed as below:

User can configure the SSID, password, band width, channel here, then Apply to finish.



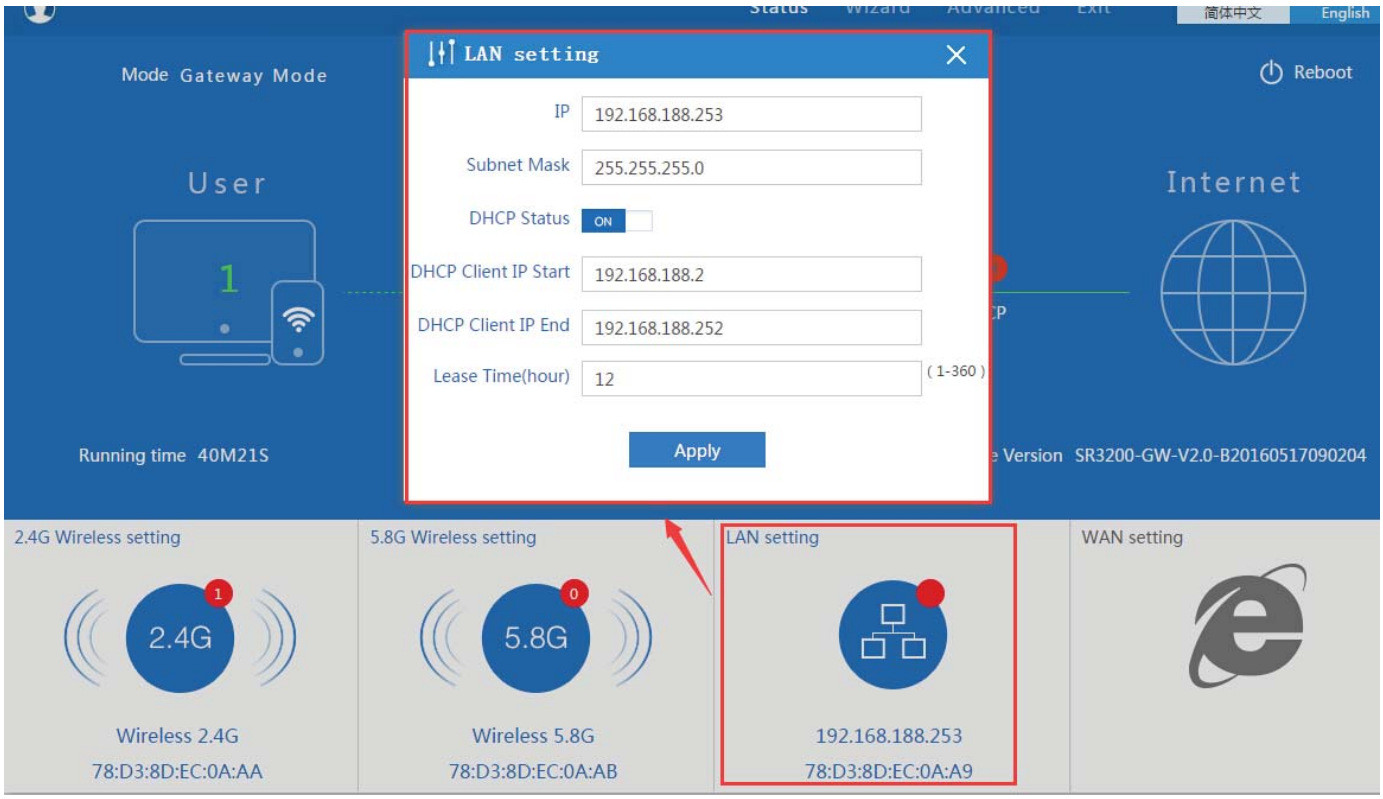
P8. 2.4G Wireless setting

5.8G Wireless Setting GUI configuration setting showed as P8:



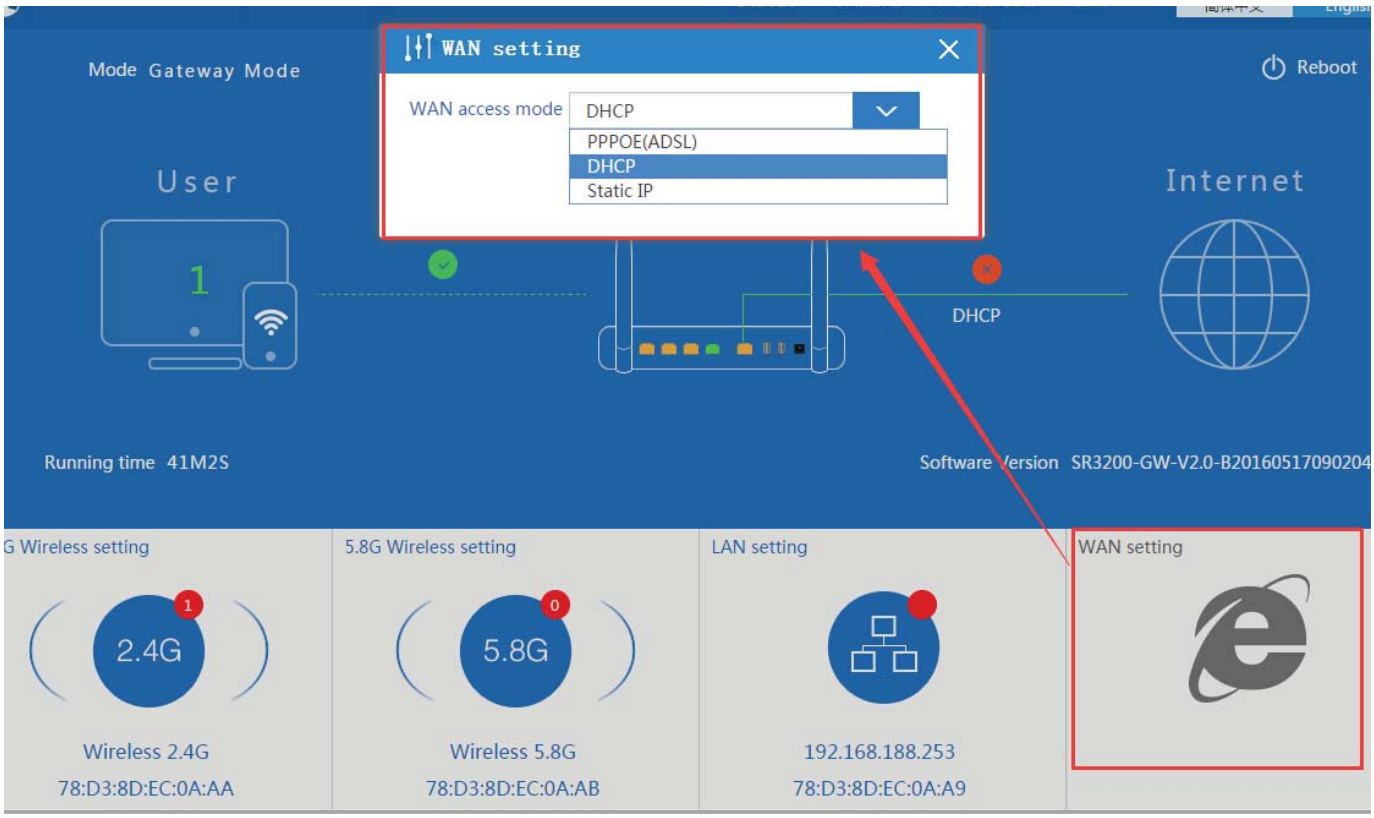
P9 5.8G Wireless Setting

LAN Setting to configure the DHCP or Fix IP



P10 LAN Setting

WAN setting: to config the internet mode as DHCP, PPPoE or Static IP

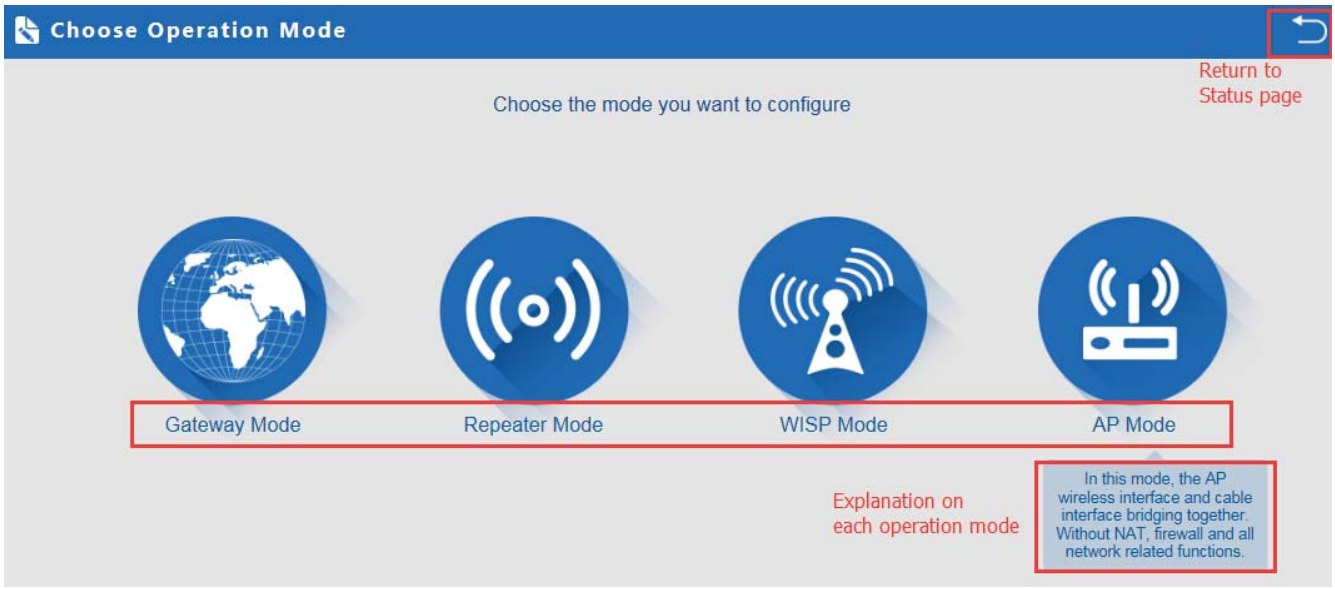


P11 WAN setting

2) Wizard Configuration:

Click Wizard in Status page, will pop up following page to configure the operation mode:

There are four operation mode of this ceiling Wireless Router, and there are explanation for each operation mode for better application.

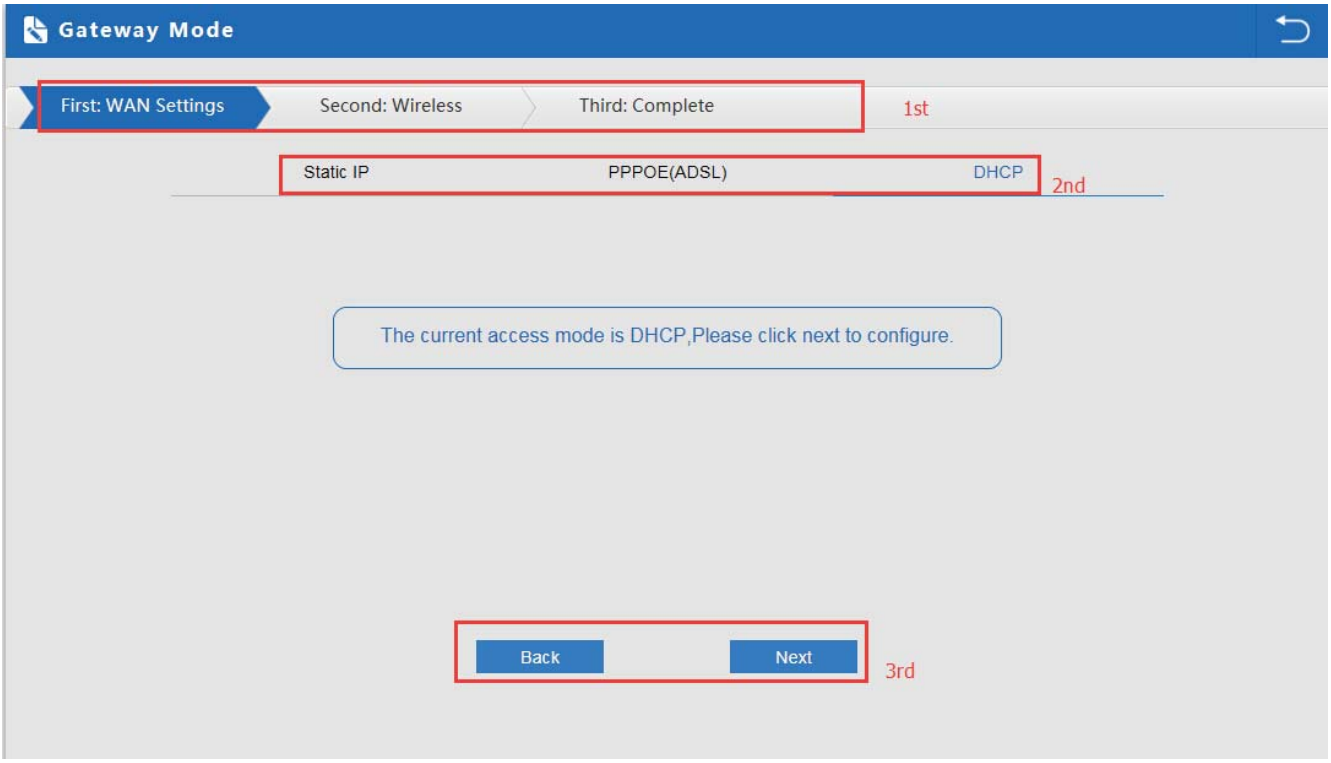


P12 Operation mode

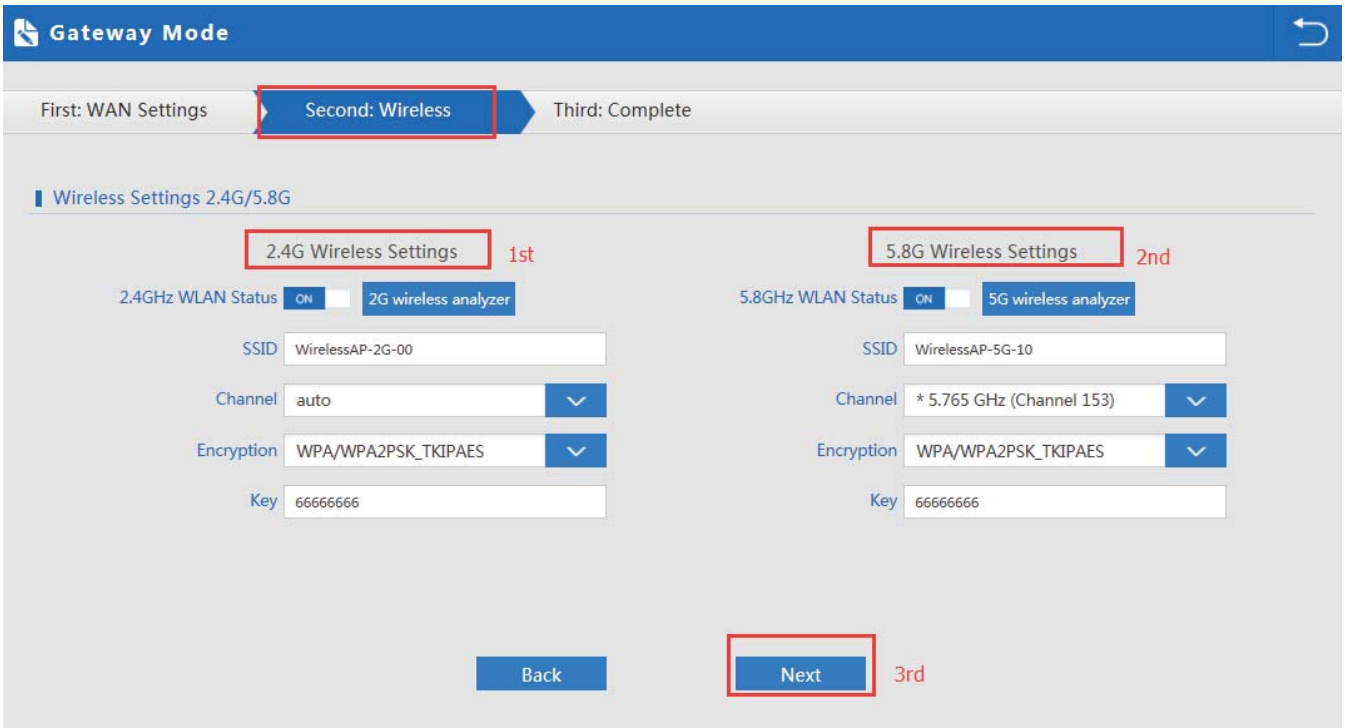
1. Gateway Mode:

Click Gateway mode, will pop up following pictures:

Pls choose the right WAN setting mode, then click next to continue.

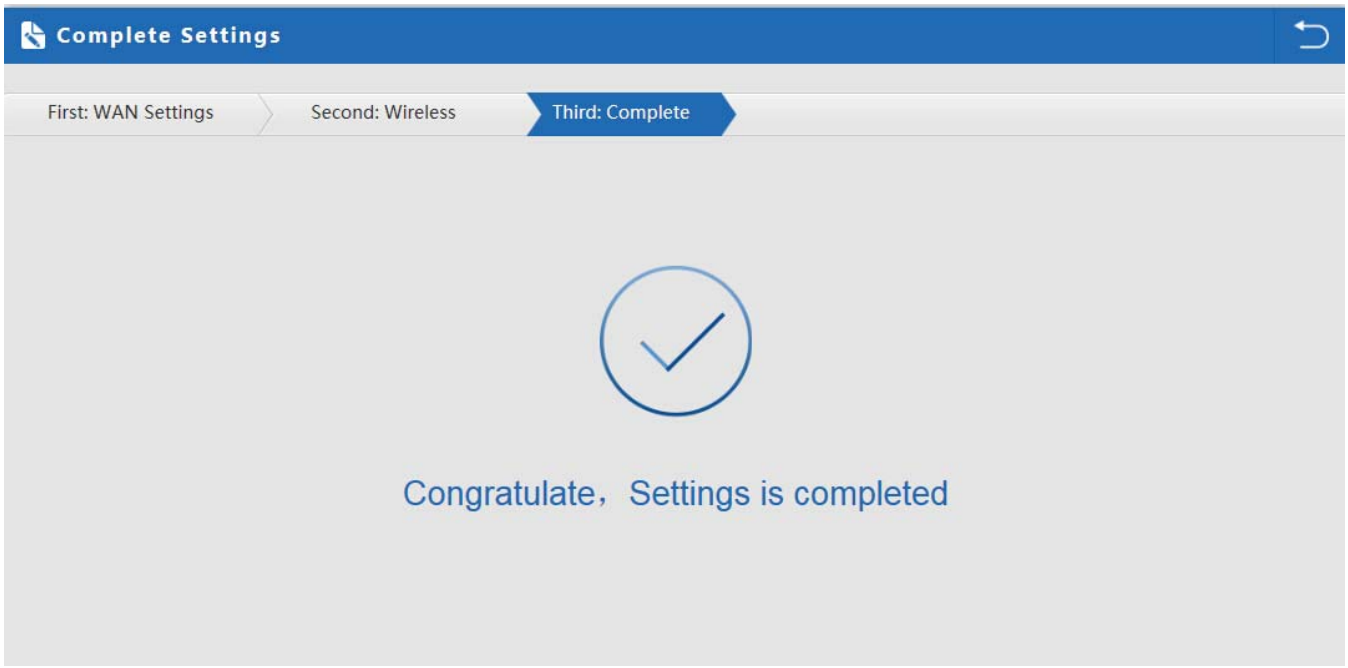


P13. WAN setting in Gateway Mode



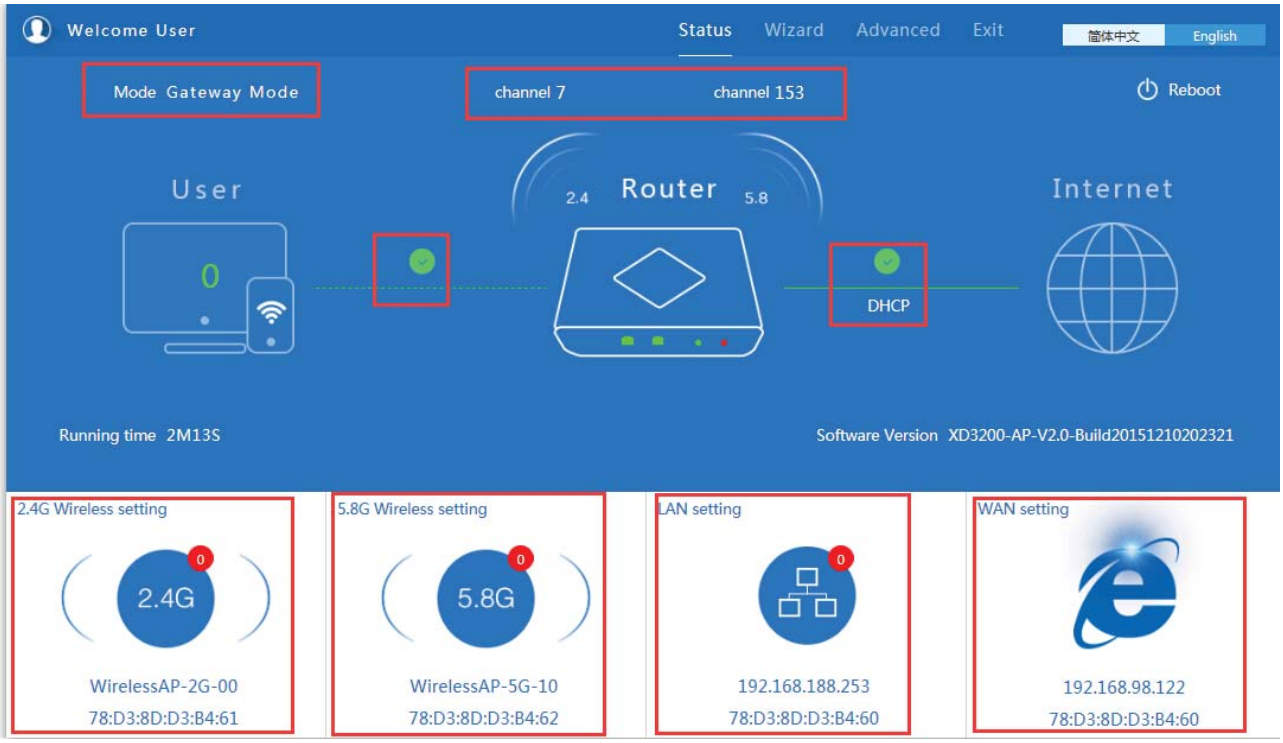
P14 Wireless Setting in Gateway Mode

When click Next, then will complete the Gateway mode setting and show following picture:



P15　Complete the setting in Gateway Mode

When return to Status, the page showed as follow:

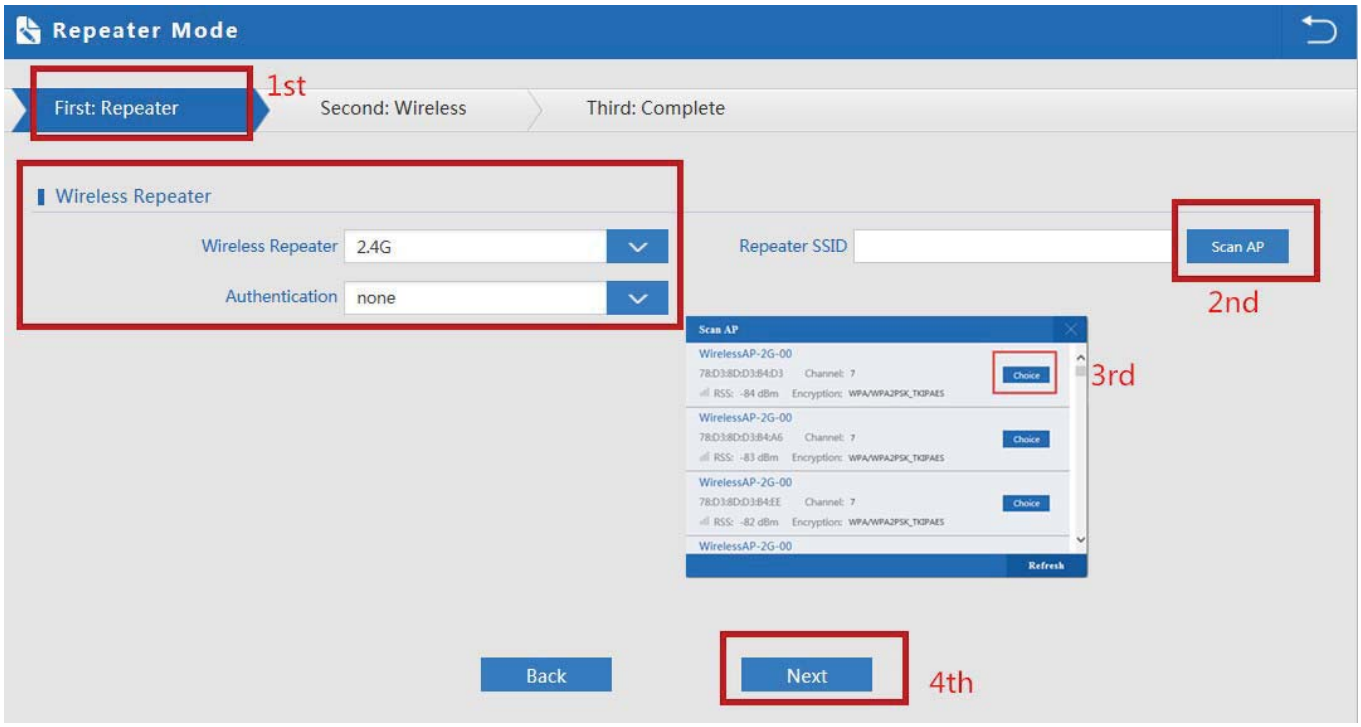


P16 Status in Gateway Mode

2. WiFi Repeater mode

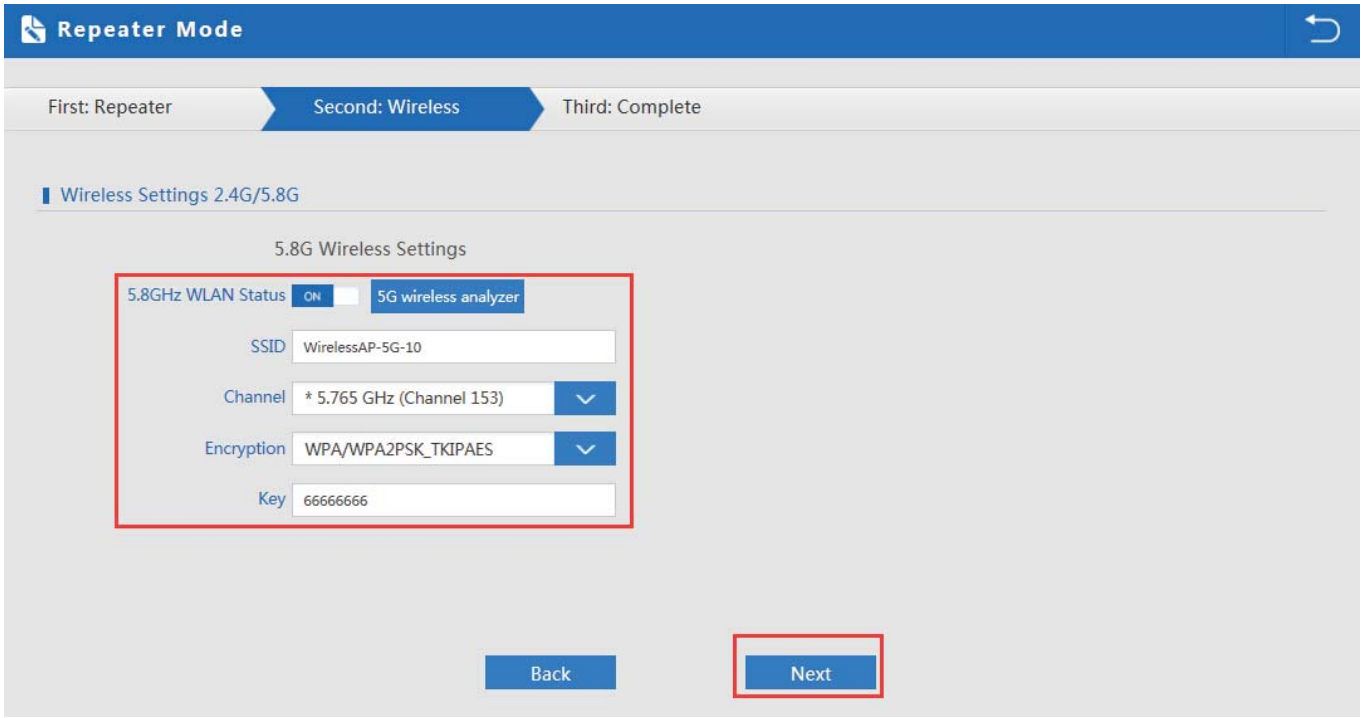
Click WiFi Repeater operation mode in Wizard, then following page will pop up, and choose the right SSID to bridge,

then next.



P17 Repeater Mode

After click Next button, then should configure the wireless settig as follow, then click Next to finish:

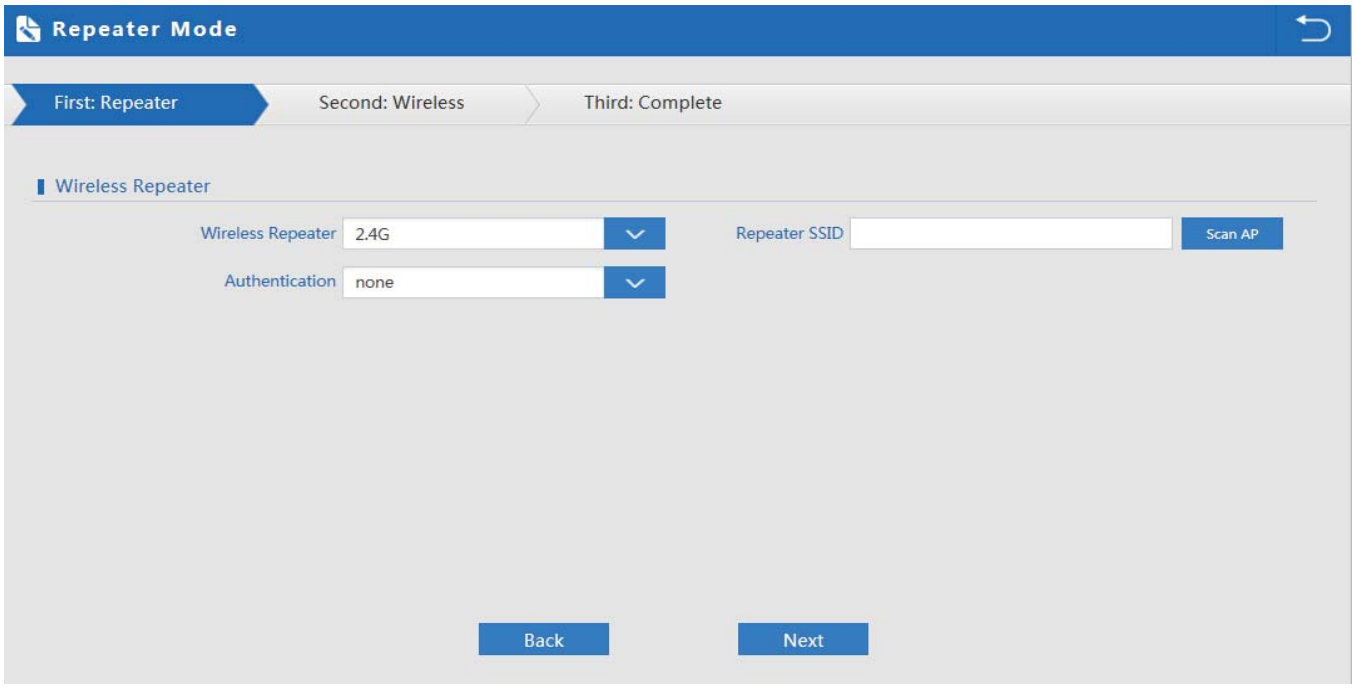


P18 Wireless Setting in Repeater Mode

Click Return button, will back to Status, show Repeater mode data, show fail or success, and user can configure this data in this page if required.

P19 Status in Repeater Mode

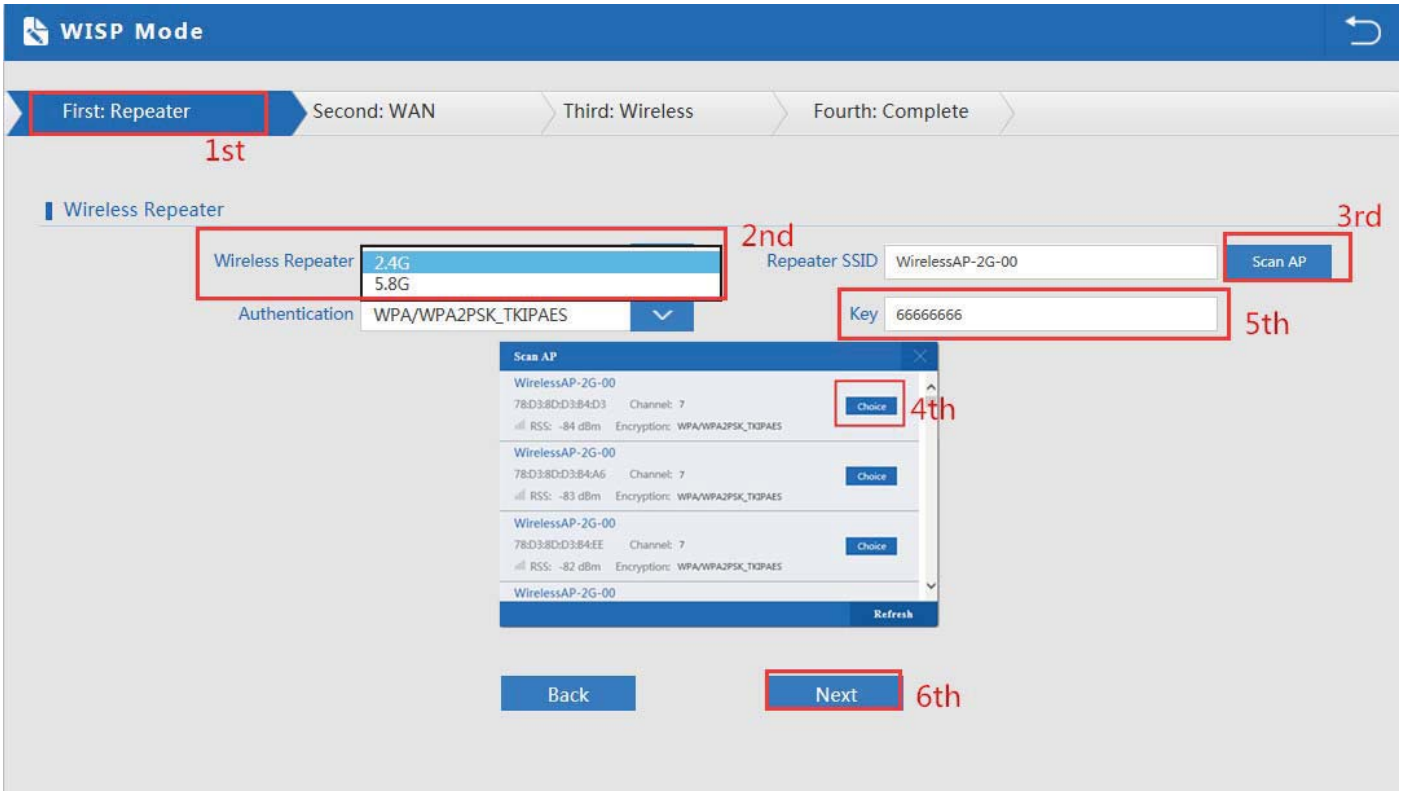
Pls note, when click wireless relay setting, following page will pop up, you can make change from here easy:



P20 Wireless Relay Setting

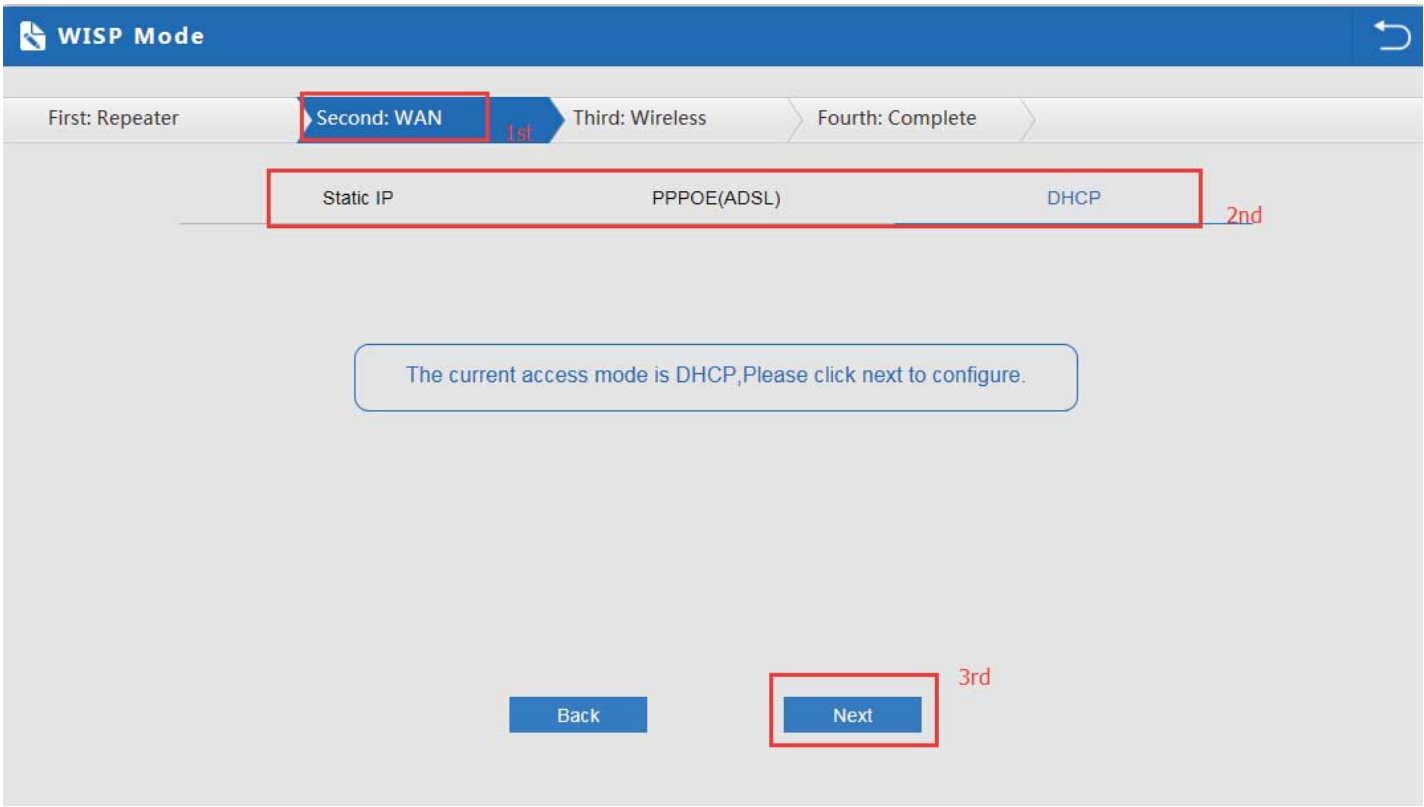
3. WISP Operation mode:

Click WISP operation mode in Wizard, then will pop up the configure page, pls set the WISP operation mode based on the steps showed in picture:



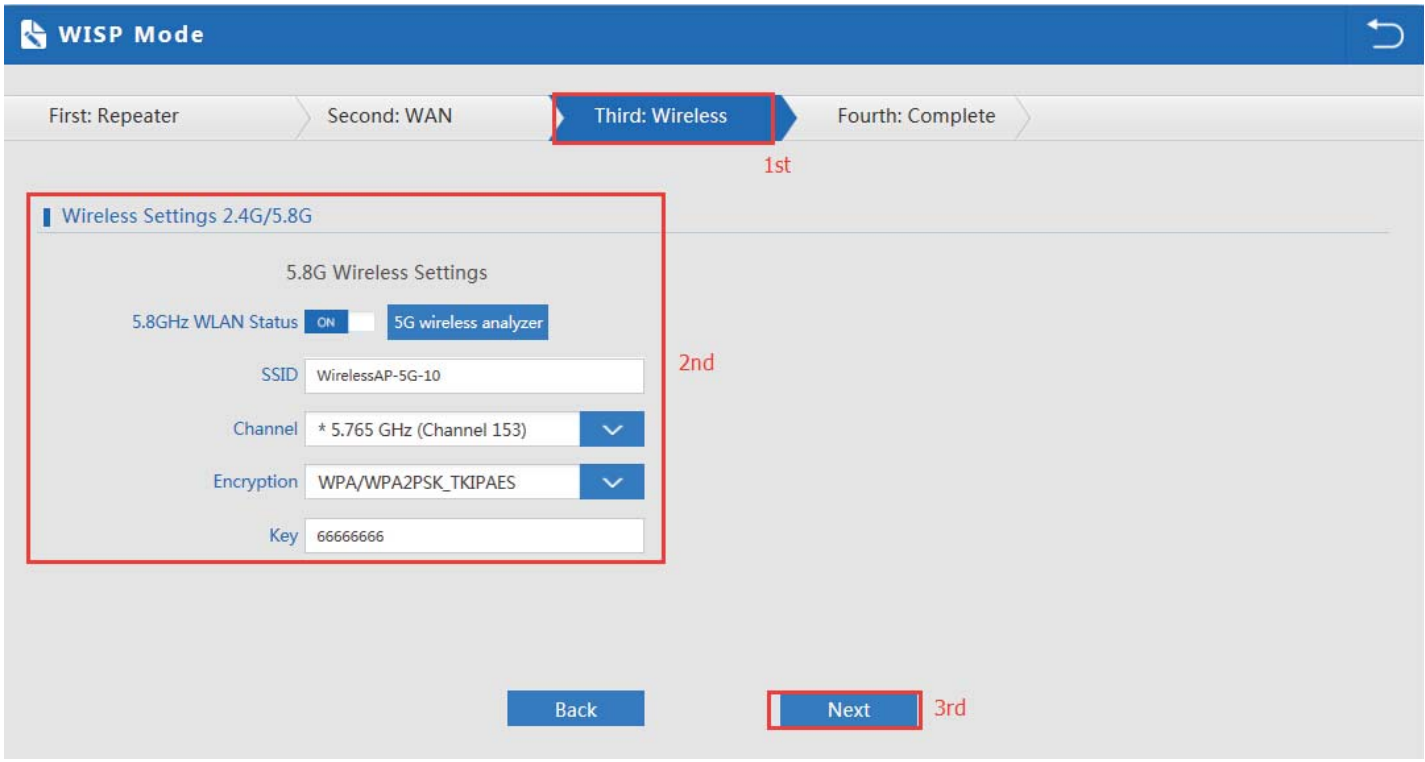
P21 WISP Mode

Configure the right WAN setting in WISP operation mode, then next.



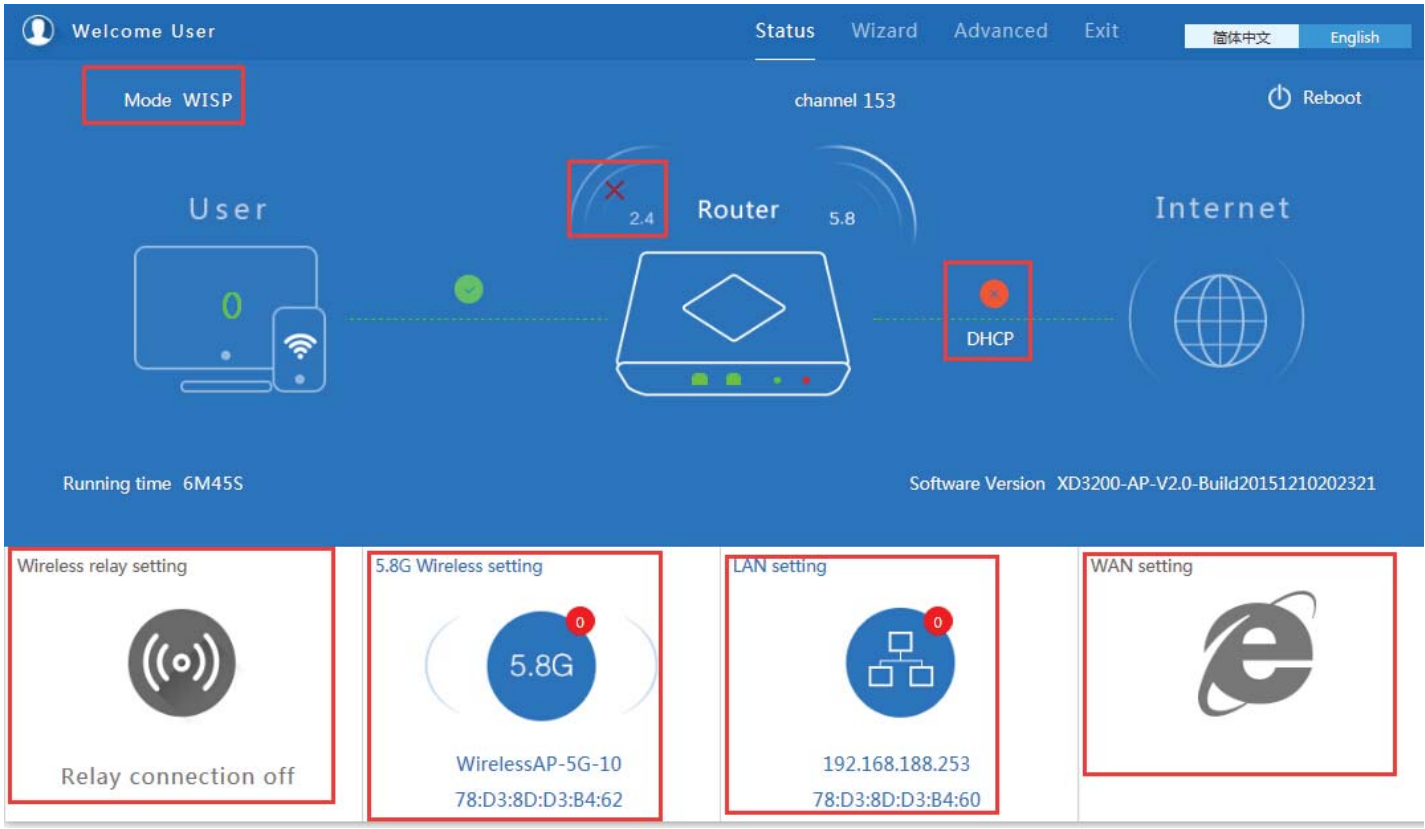
P22 WAN setting in WISP mode

Configure wireless data showed as follow:



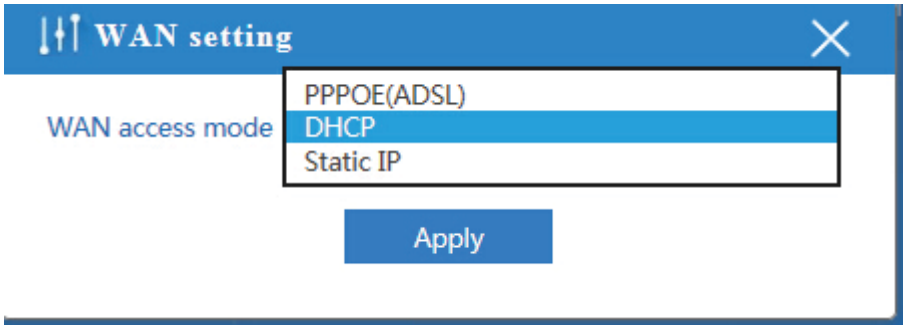
P23 Wireless Setting in WISP mode

Then complete and back to status, will show the connection fail or success, then can configure the data based on request:



P24 Status in WISP mode

Remark: When click WAN Setting, will pop up following picture:

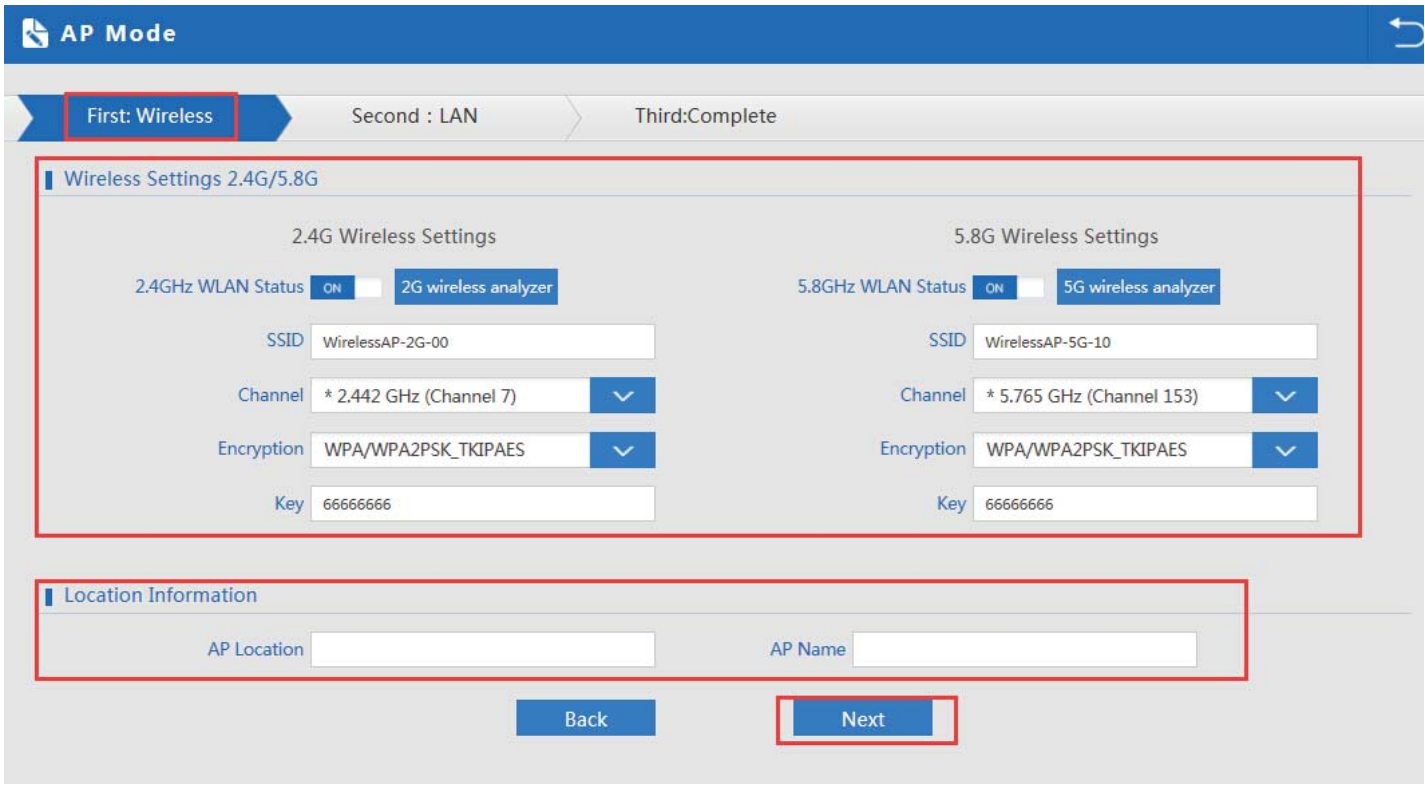


P25 WAN setting in WISP mode

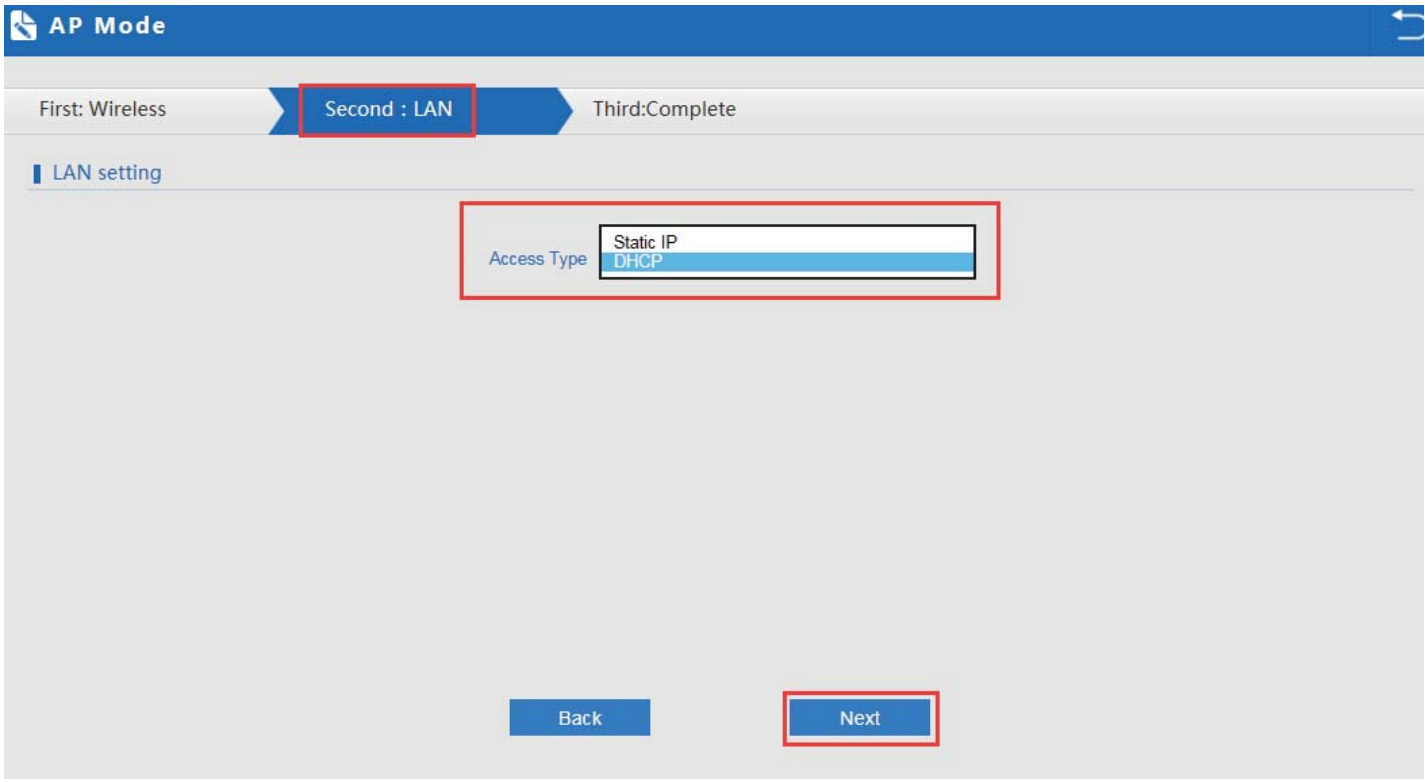
4. AP Operation mode:

Set the wireless data, AP Location info as required, then click next to continue and enter into LAN setting.

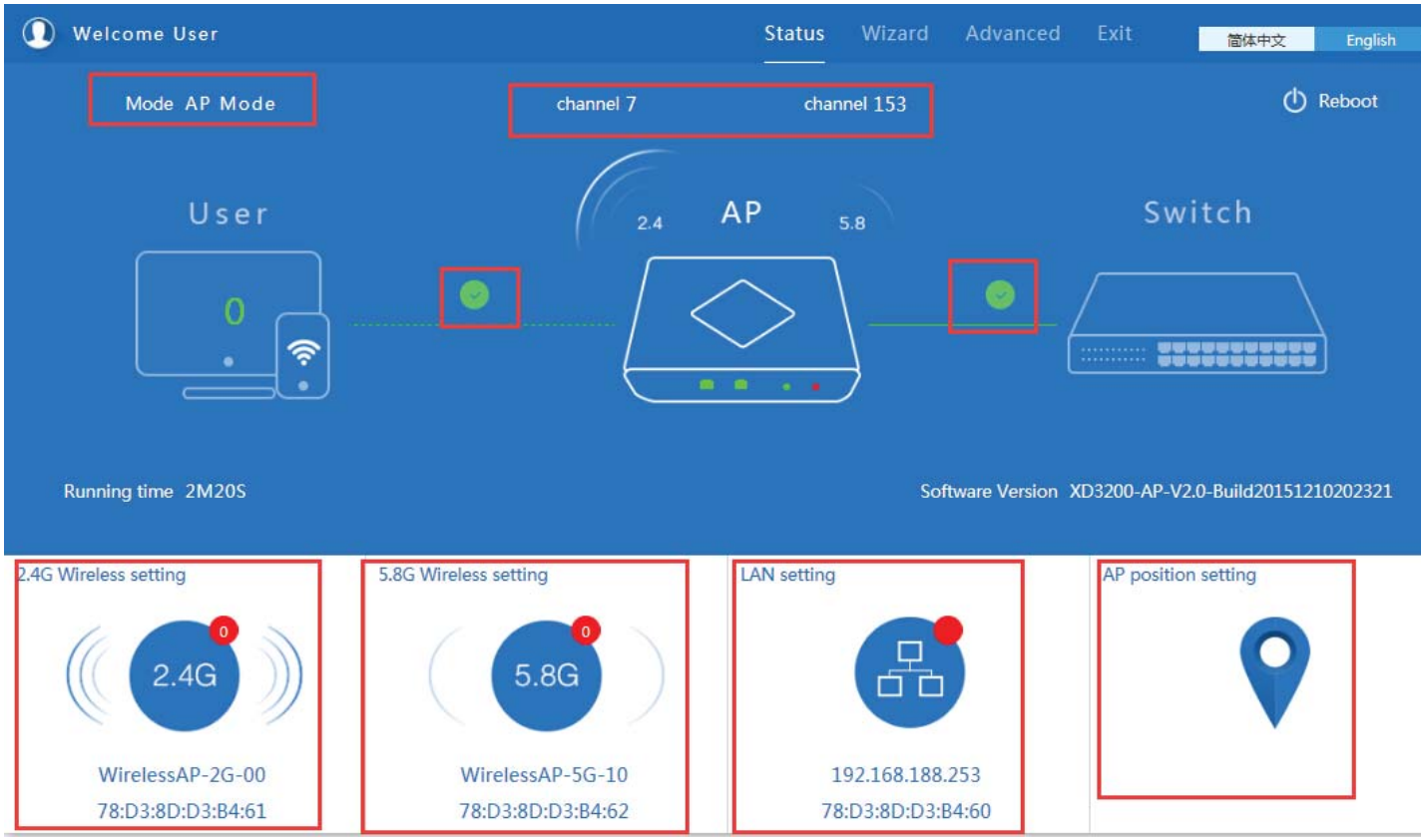
After LAN setting, complete the AP mode configuration and back to Status:



P26 Wireless setting in AP Mode



P27 LAN Setting in AP Mode



P28 Status in AP Mode

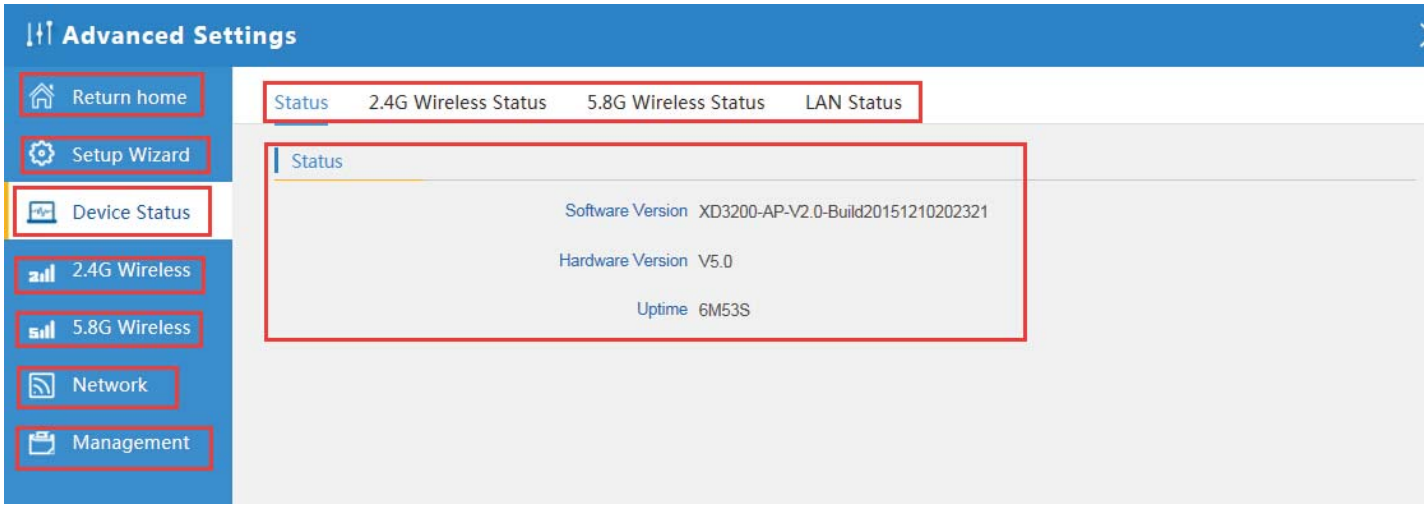
3) Advanced Setting:

In advanced setting, user can check the Wireless Router's firmware version, working status, 2.4G wireless, 5.8G Wireless, LAN Status,

upgrade firmware, Reset...

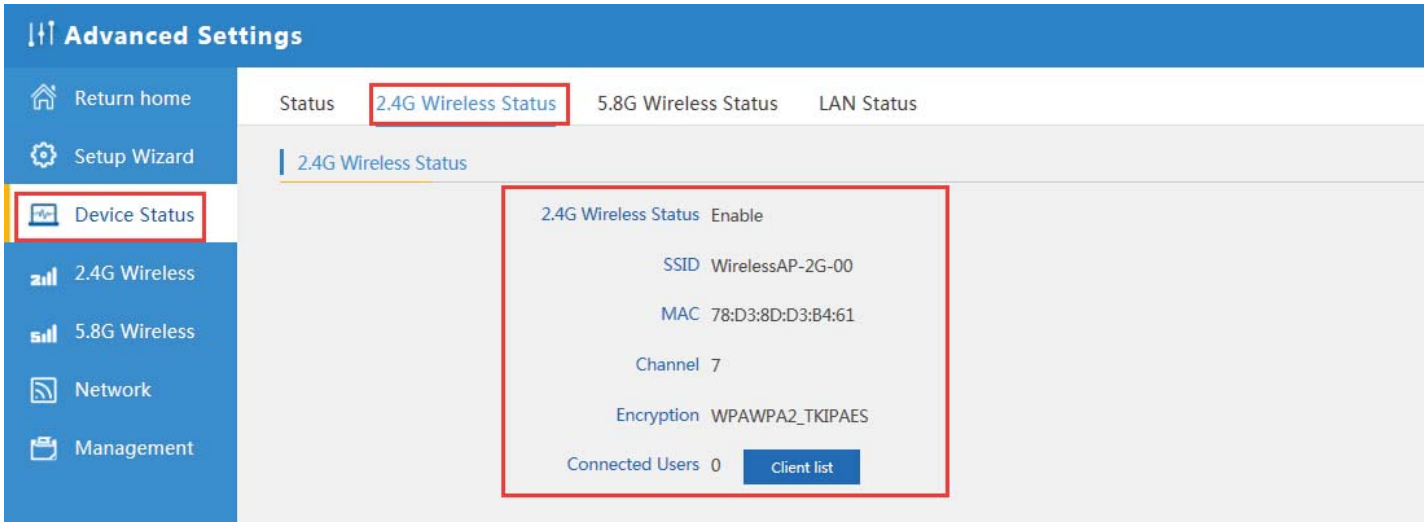
Let's Click Advanced Setting in status page, will show return home, Setup Wizard which we showed before.

Let's shown mode in Device Status, 2.4G Wireless, 5.8G Wireless, Network and Management.



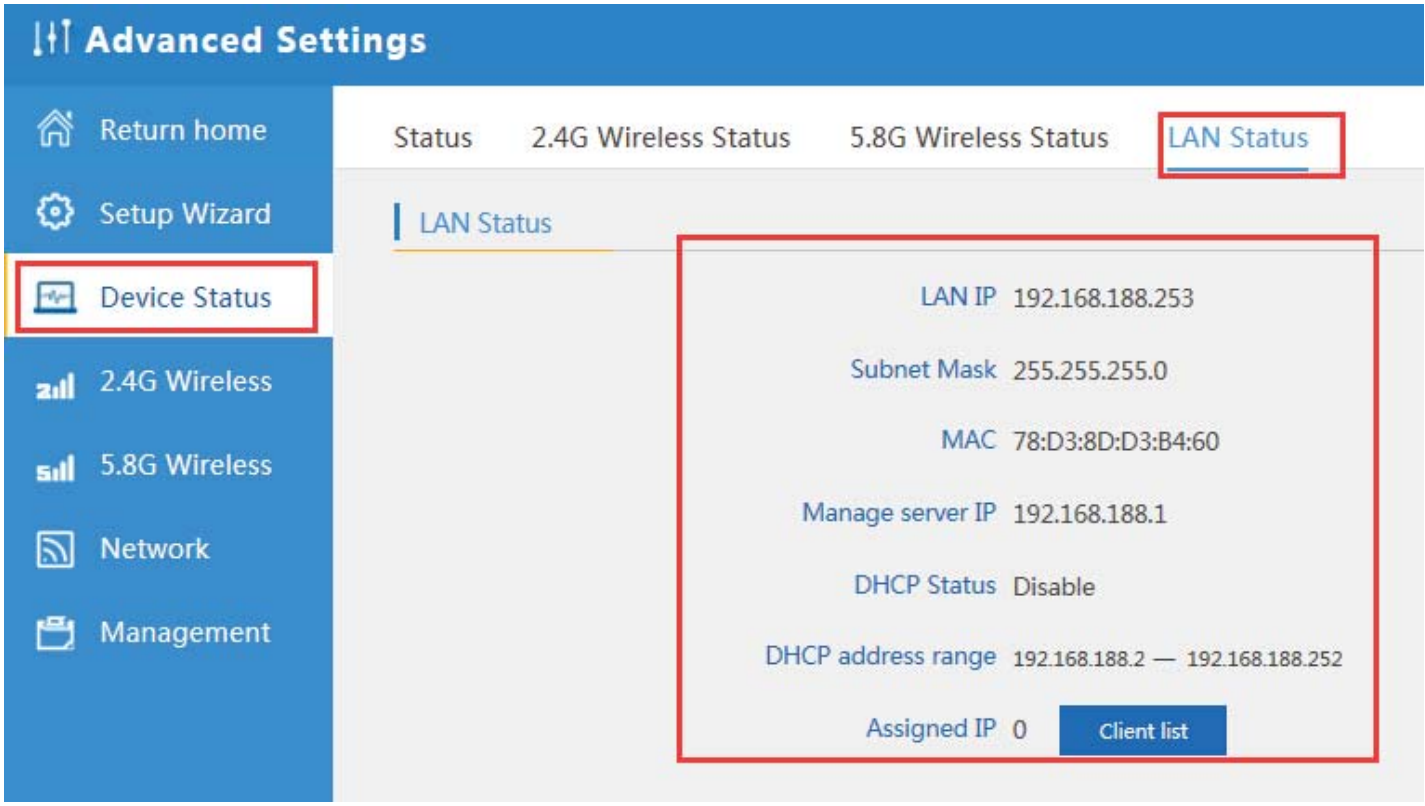
P29 Device Status

Device Status: In this page, mainly to check the Wireless Router's status in firmware version, 2,4G Wireless, 5.8G Wireless and LAN status:



P30 2.4G Wireless Status

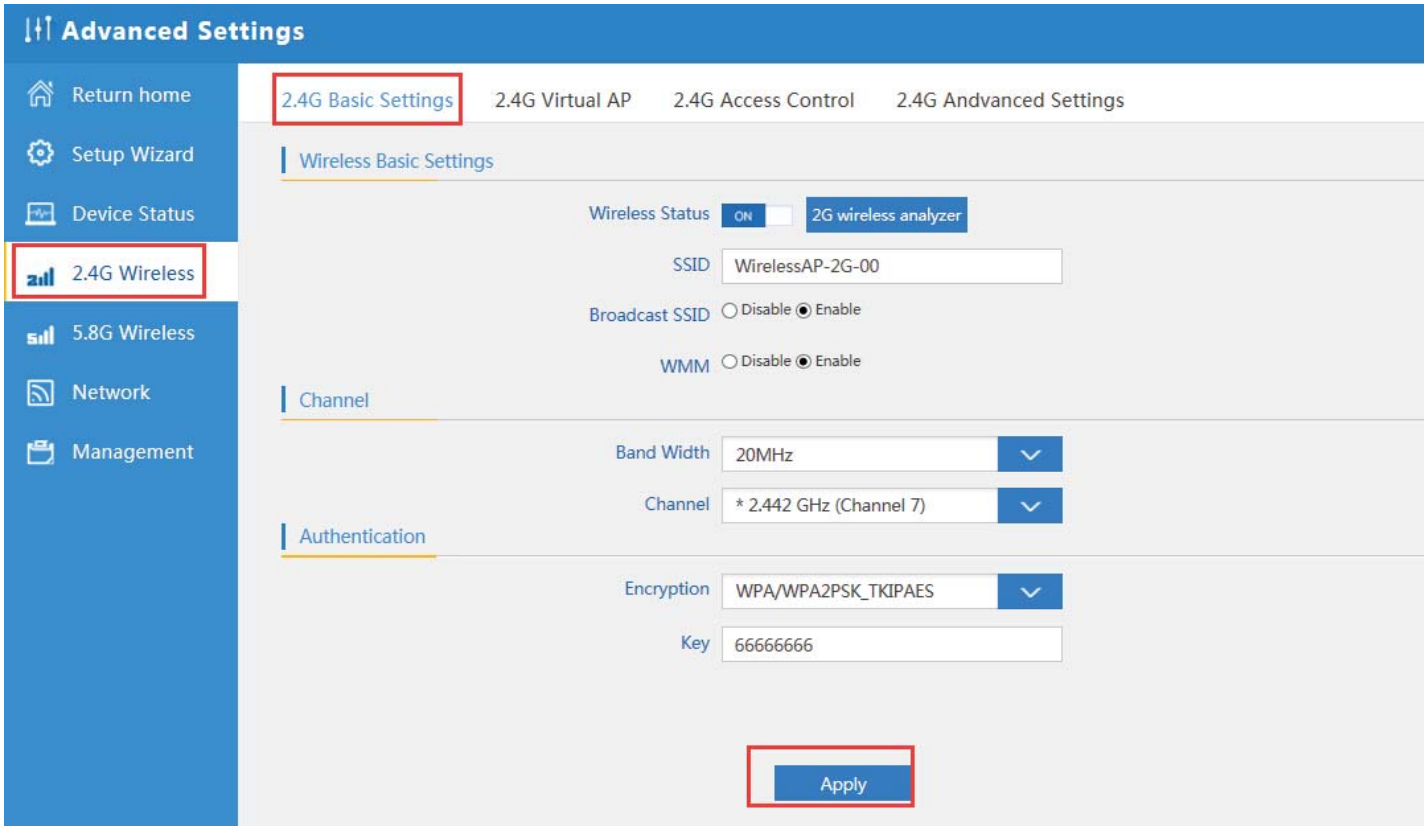
P31 5.8G Wireless Status



P32 LAN Status

2.4G Wireless Setting:

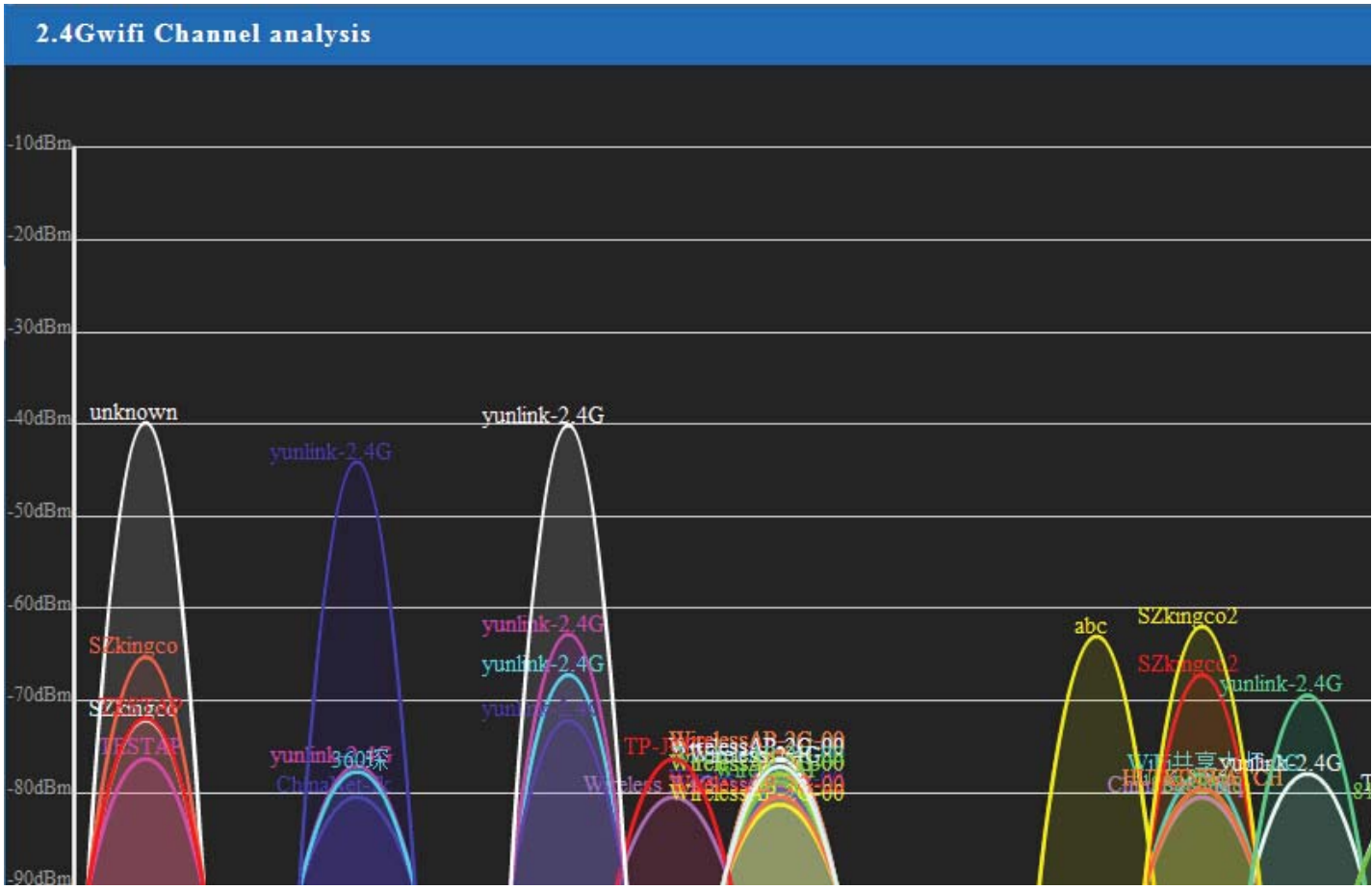
In this part, will show the 2.4G Basic Setting, Virtual AP, Access control and Advanced Setting:



P33 Basic Setting in 2.4G Wireless

2G Wireless Analyzer: Mainly to analyze the wireless router's signal strength in some channel, to make user more easy to choose the right channel

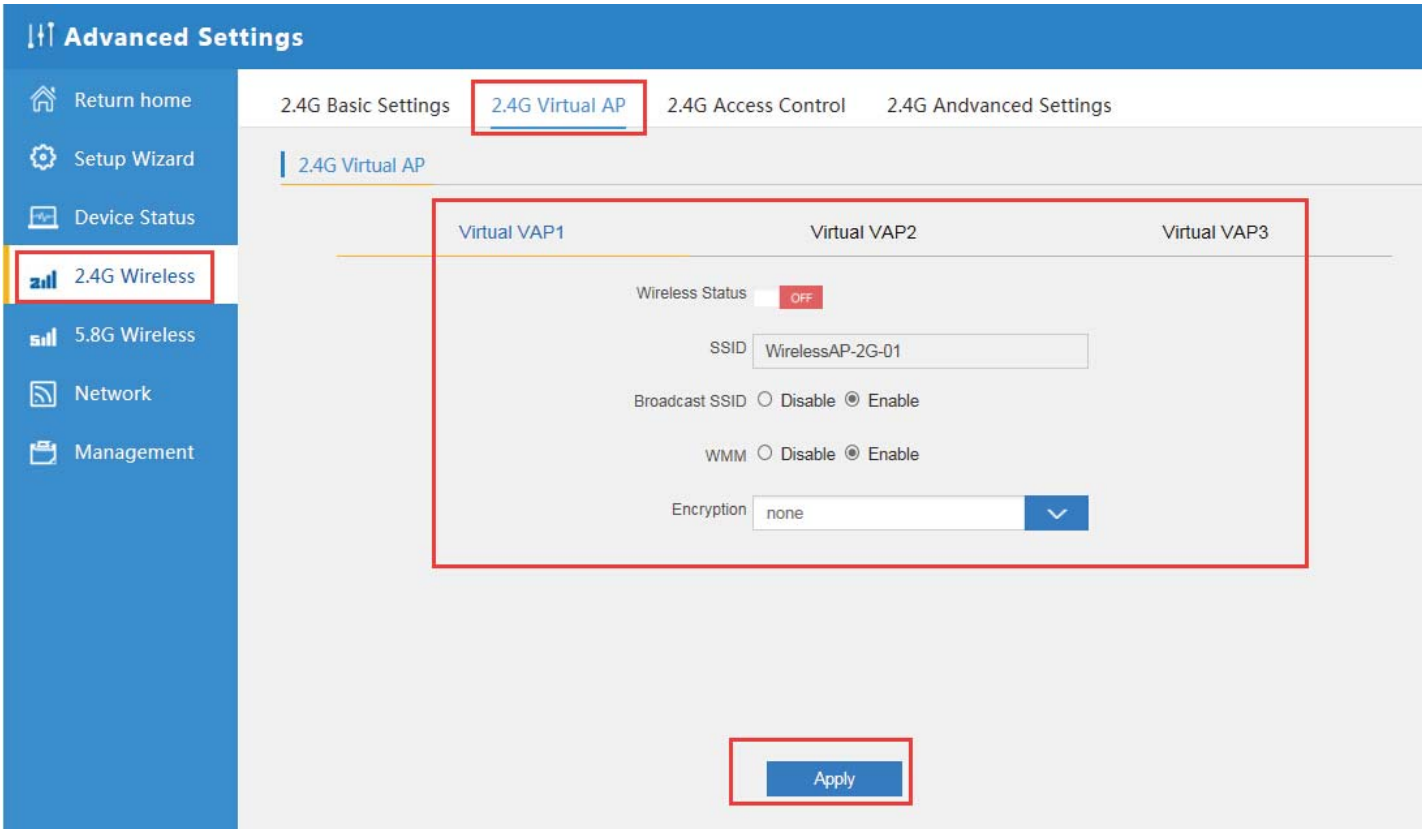
and avoid the wifi interface.



P34 Wireless Analyzer

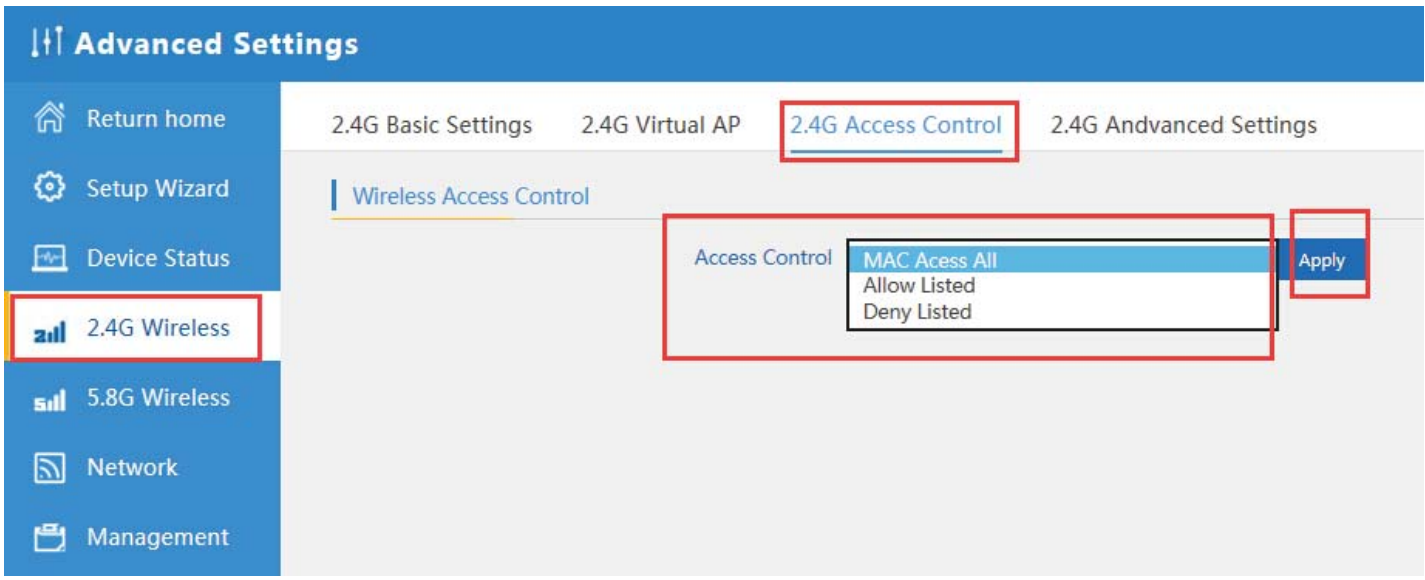
Virtural AP:

There are 3 virtural AP in 2.4G wireless, if need virtural SSID, then users can configure it showed in following picture:



P35 Virtual AP

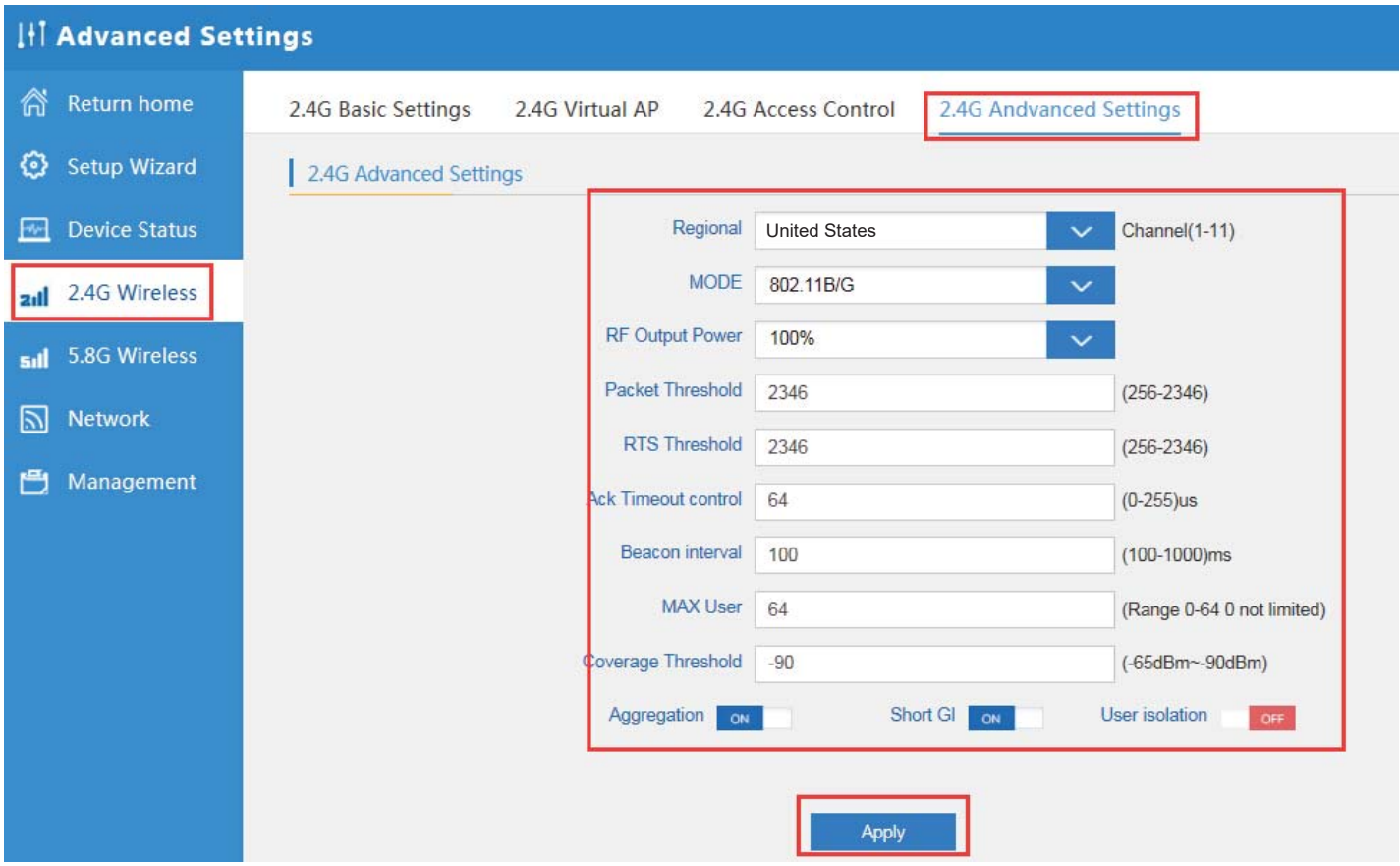
2.4G Access Control: Mainly show MAC allow or deny:



P36 MAC Access Control

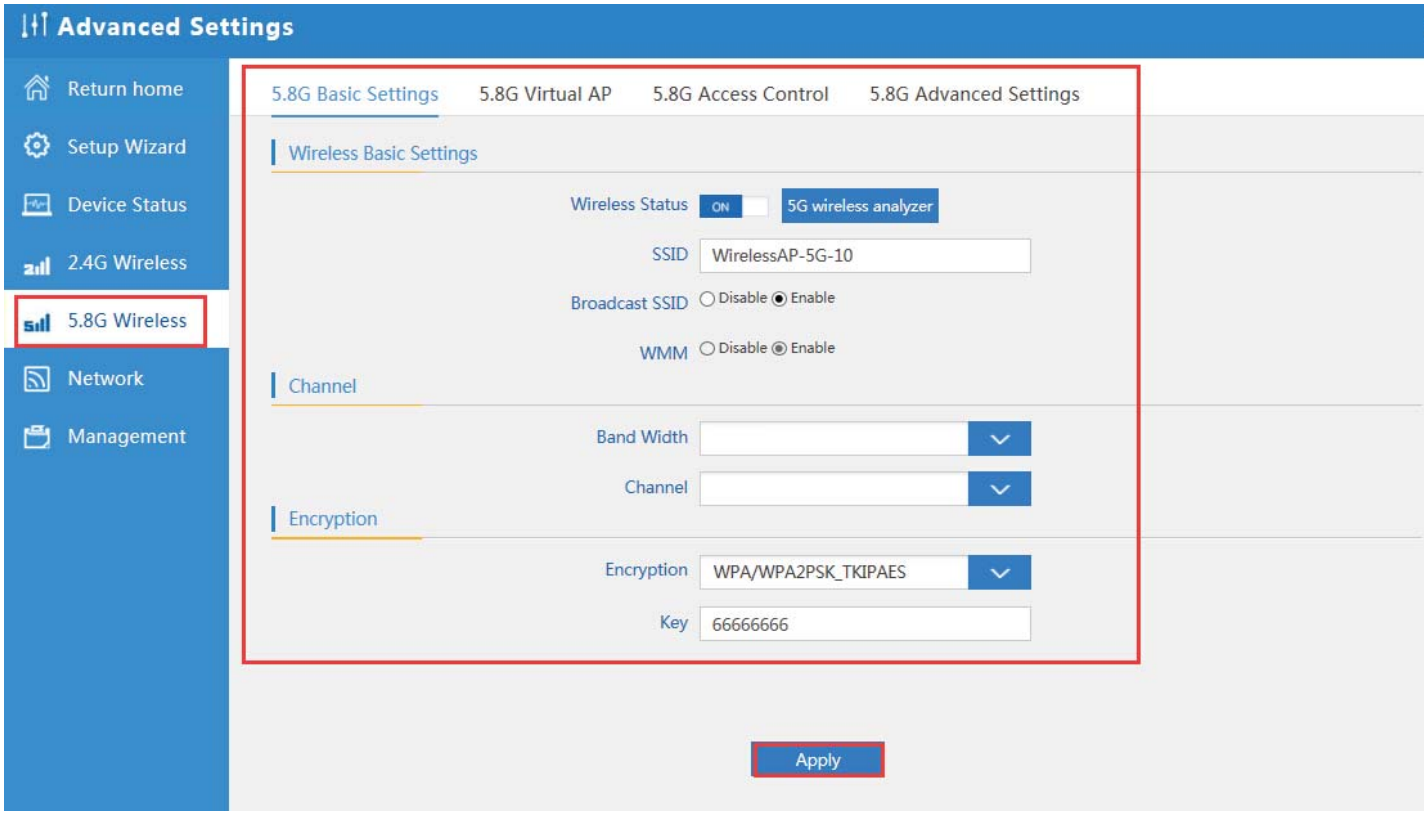
2.4G Advanced Settings:

In this page, will show the regional, RF Power, Max user access...



P37 Advanced Setting

5.8G Wireless Setting: Almost same as 2.4G Wireless:

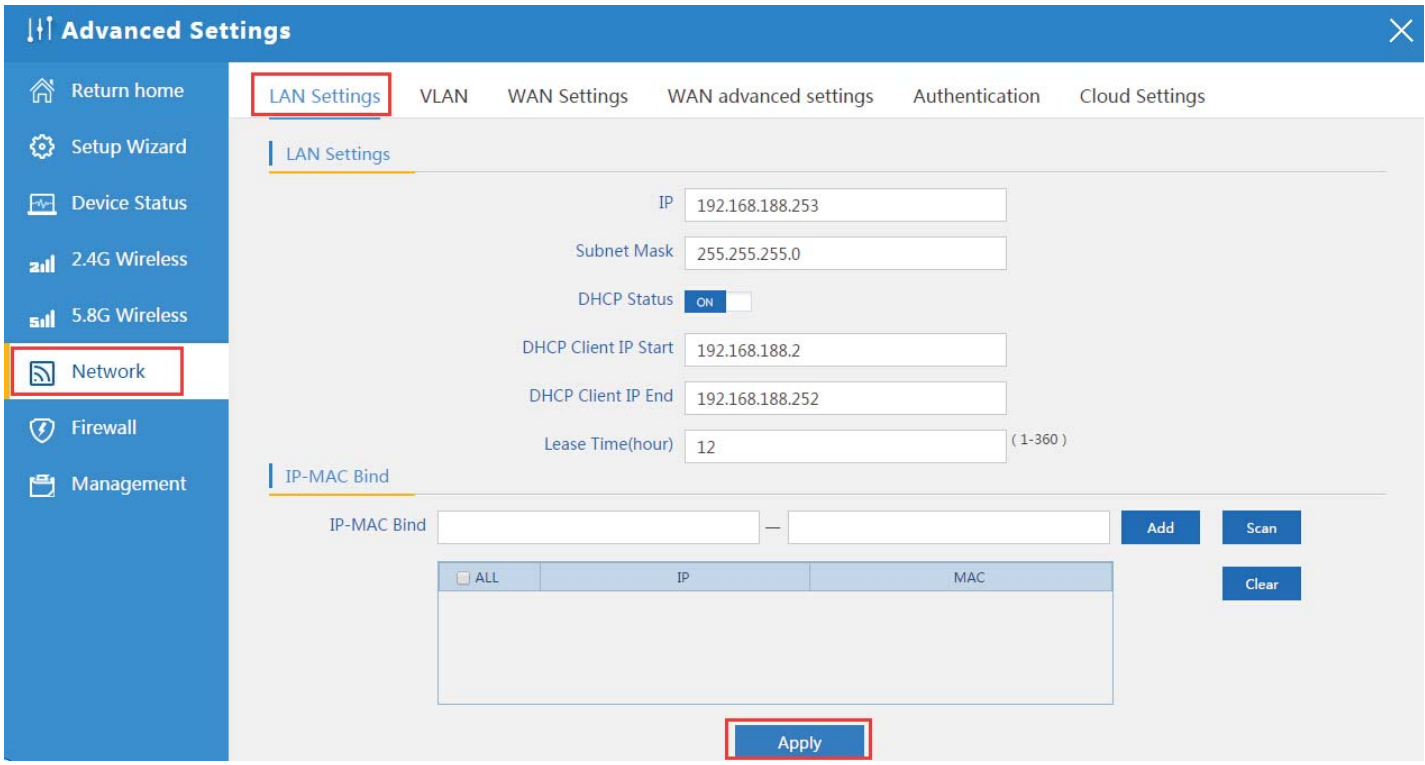


P38 5.8G Wireless Setting

Network setting:

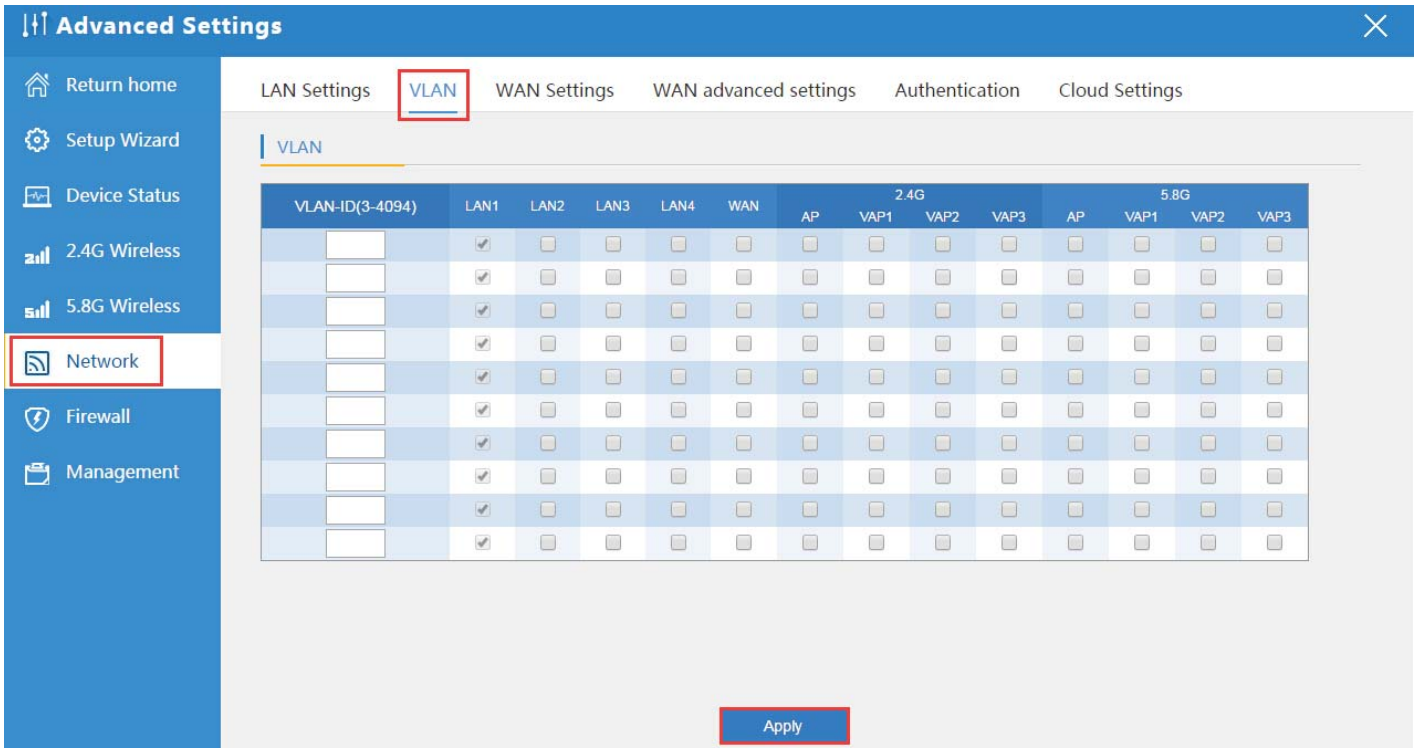
In this page, mainly to show the LAN setting, WAN Settings, VLAN settings, Authentication and Cloud server access settings as follow:

LAN Settings, mainly show router's IP address, DHCP client info and IP/MAC bind, picture showed as follow:



P39 Network Setting

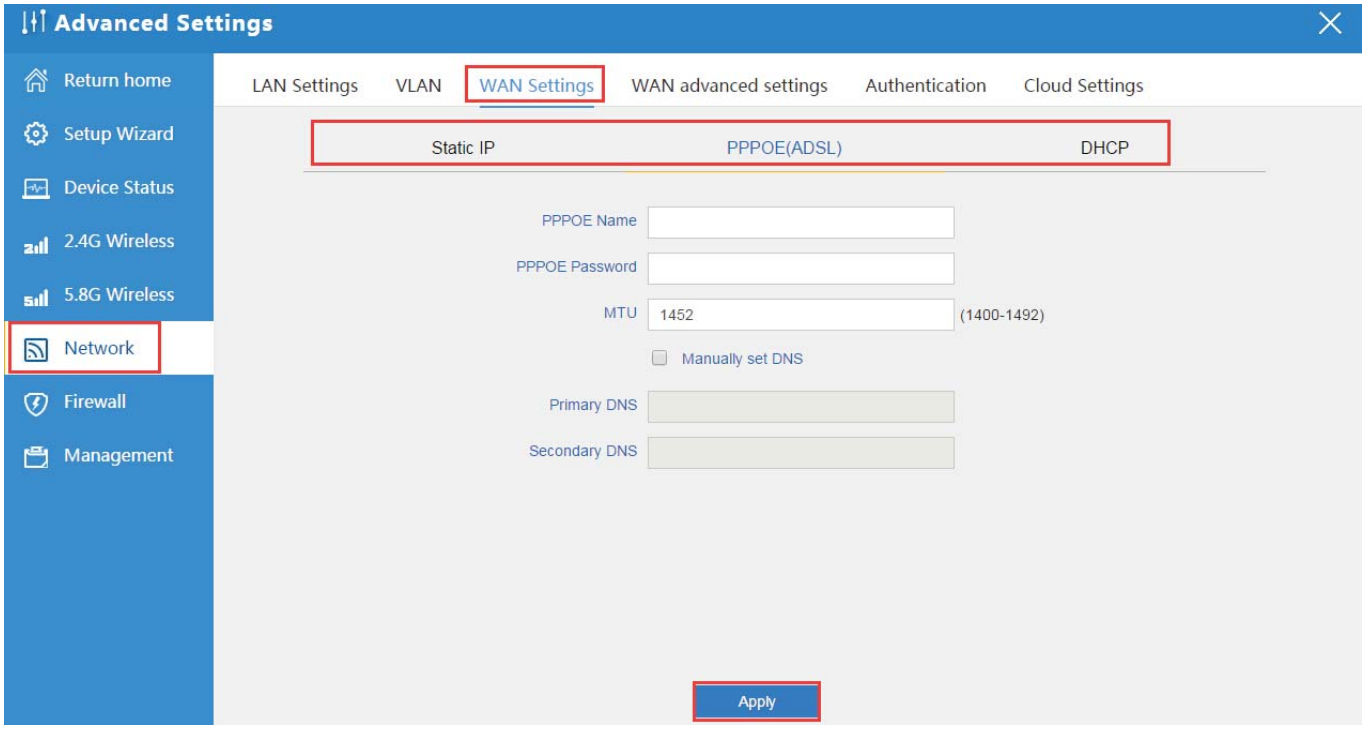
VLAN: This wireless router can work with VLAN switch to do Tag VLAN, input the switch's VLAN ID in following picture, but pls note, LAN port VLAN only, not WAN port.



P40 Tag VLAN Setting

WAN Settings:

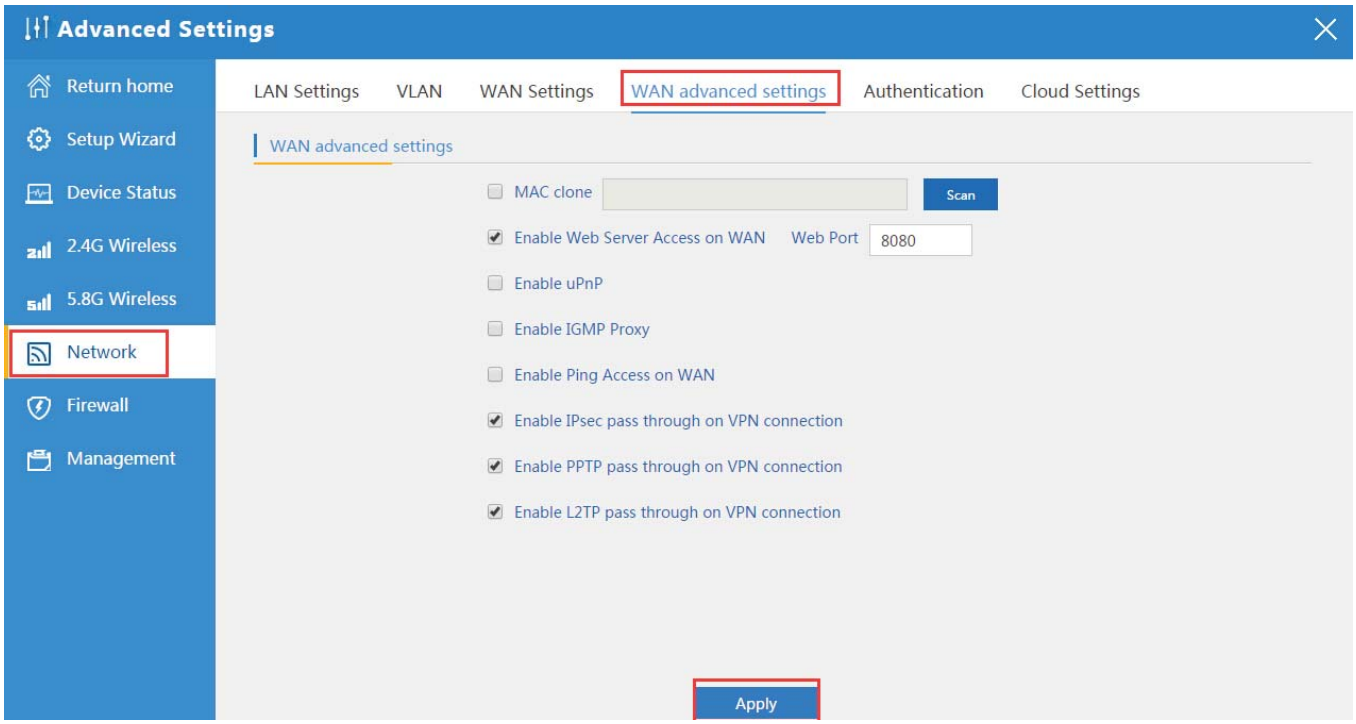
To choose the right internet mode such as static IP , PPPoE, DHCP, Apply after config the right data.



P41, WAN Settings

WAN Advanced Settings:

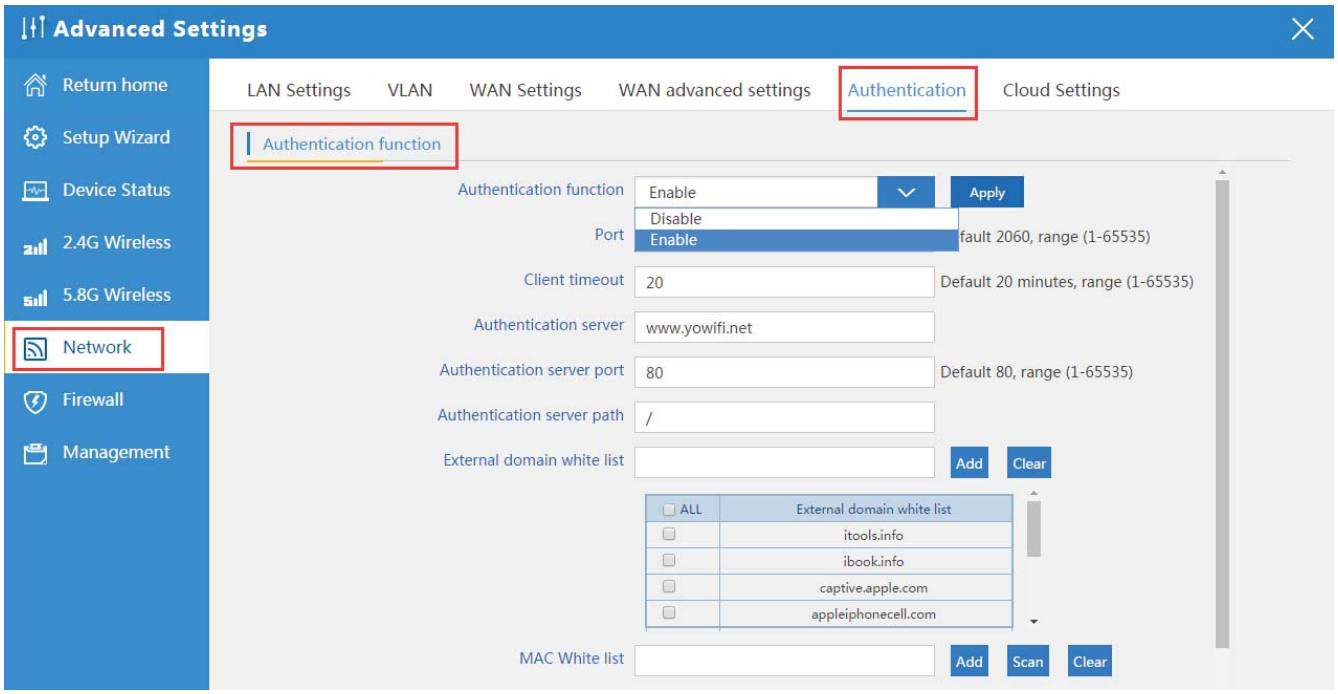
In this part, user can config MAC clone, web remote control, VPN pass through...



P42, WAN advanced Settings

Authentication:

If enable this function, then config an authentication server for it first, after that, user should do authentication, then access into internet.

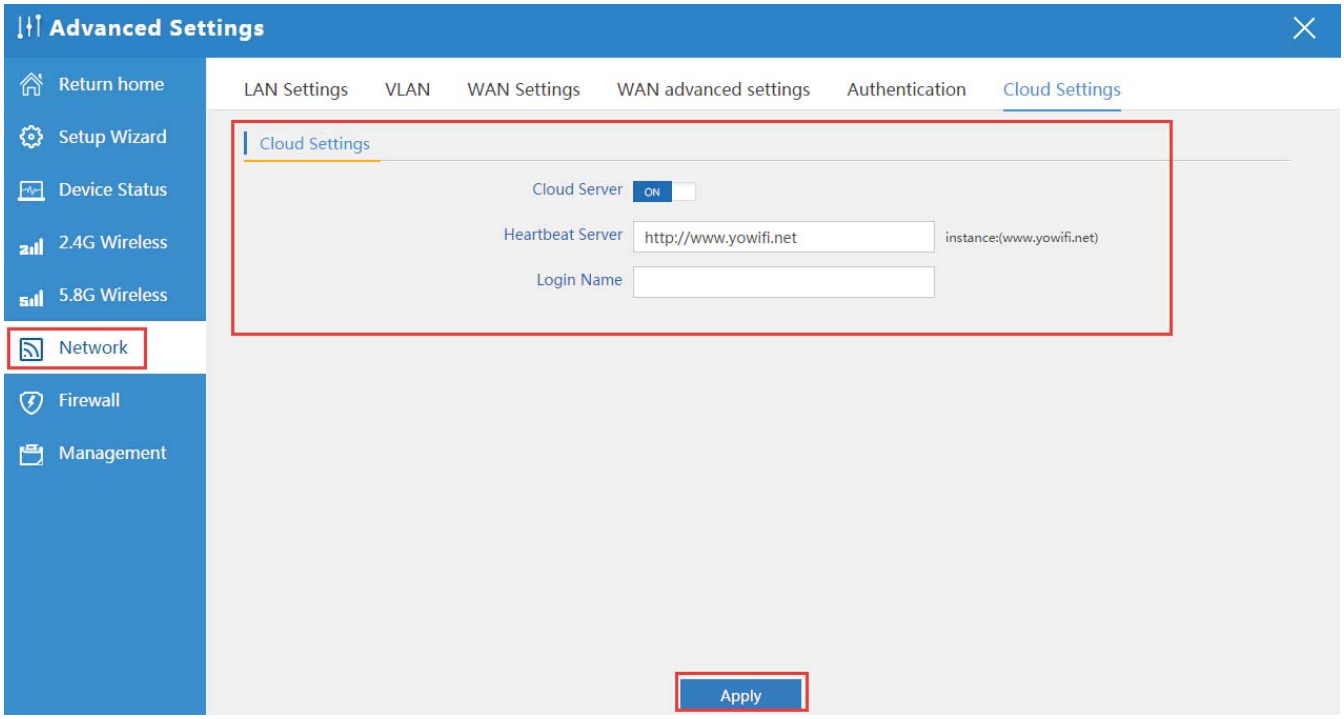


P43, Authentication

Cloud Settings:

After access into cloud server, it can do authentication, accounting, data analysis for agent/merchant.

Just input the cloud server's IP address and Login Name of this cloud server.

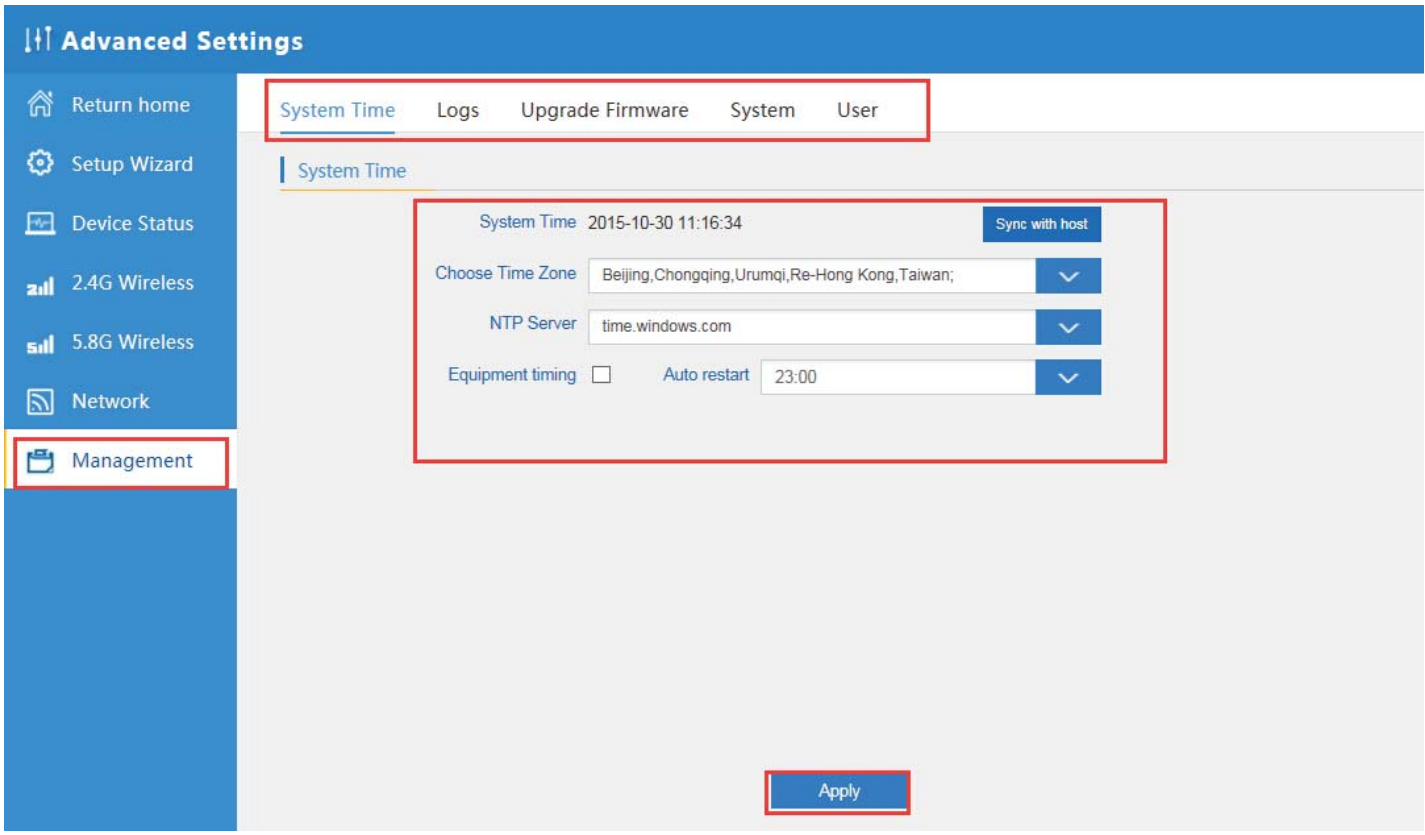


P44, Cloud Settings

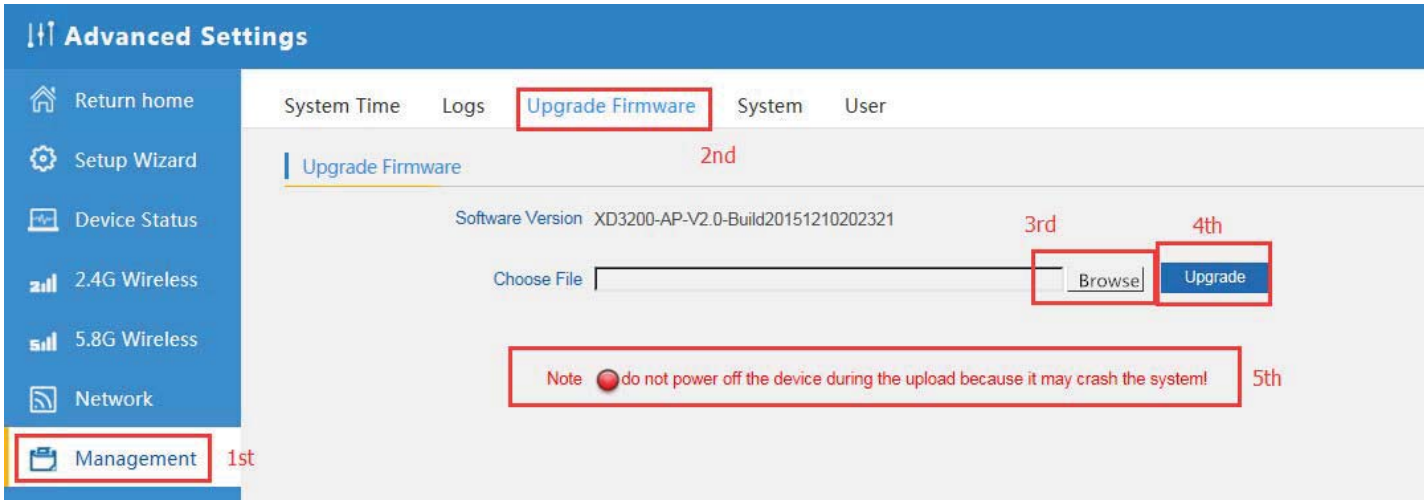
Management:

In this part, show the system time, Logs, upgrade firmware, system, user info.

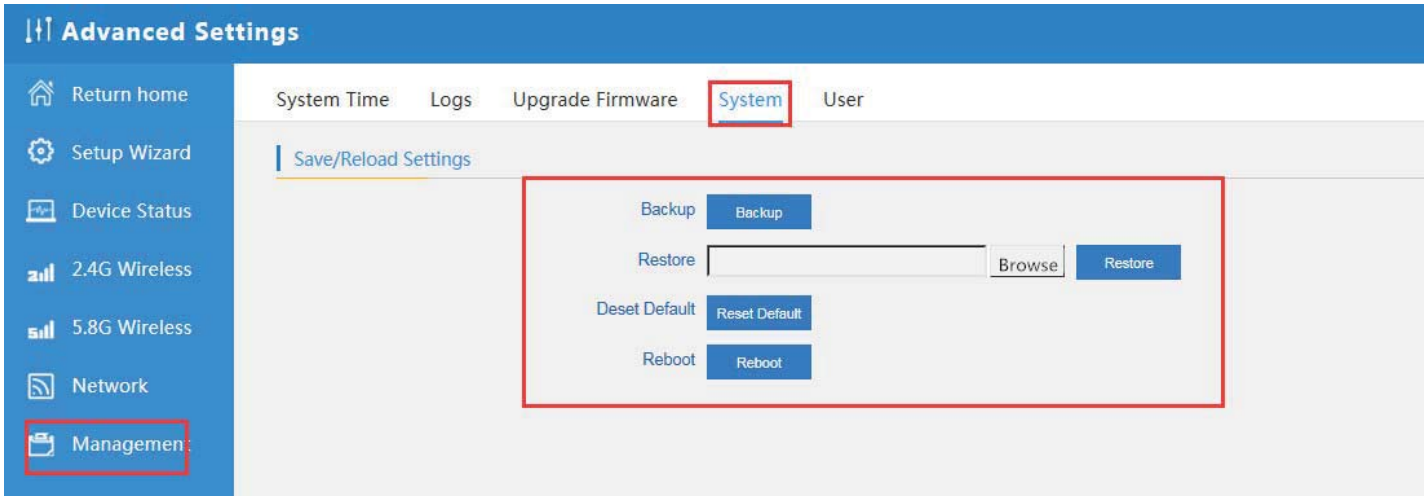
And we show System time, how to upgrade firmware and system page to users:



P41 System Time



P42 Firmware Upgrade

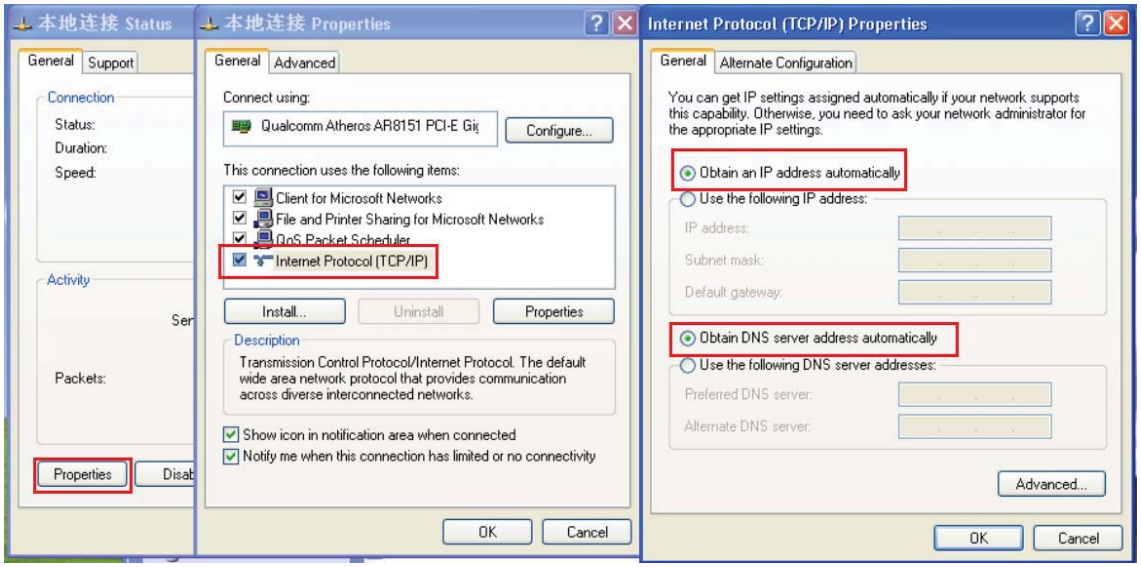


P43 System info

4th Share Internet and Obtain IP address automatically

Set computer's TPC/IP as Obtain an IP address automatically, Obtain DNS server address automatically as following picture showed.

the computer will obtain the IP address from router or base station to get Internet.



Trouble Shooting:

F 1 The Failure phenomenon and solution

Failure phenomenon	Solution
SYS Indicator off	Pls make sure the power is correct

Can’t land to Wireless Router through Web page	Pls check the IP address of computer and Wireless Router to see whether they are in same networking segment, The method is click “start”-“Run” input“cmd”， ping 192.168.188.253 to test the Wireless Router connectivity. Reset Wireless Router and load it again; Pls make sure the IP address 192.168.188.253 is not occupied by other device in Wireless Router’s networking; Check computer and cable problem, recommend to use 10/100M UTP unshielded cable; Clean up Arp binding from “Start”-“Run” input“cmd” arp –d Clean the IE Brower’s temporary files and Cache file。
Can’t scan the Wireless Router	Scan it several times more； Make sure there are 5G signal existed. Reset the Wireless Router, scan it again after Wireless Router restart；
The connection of Wireless Router is success, but the computer can’t share internet	Pls Check the computer’s IP address and DNS setting. If it is dynamin, set the network card as automatically obtain. If it is static IP, pls contact with ISP for correct IP address and DNS address.
How to Reset Wireless Router	Press the “Reset” button more than 15 seconds after power on. The Wireless Router will restore factory default after the Wireless Router restart.

Warning：

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.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment 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 radiate 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.
NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

Note:

The entire operation of this product must be limited to indoor use and should not be used outdoors.