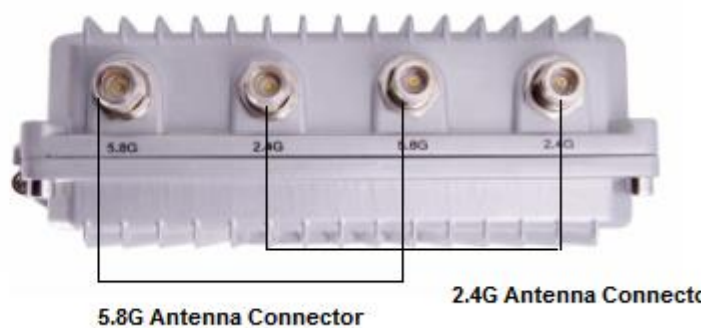


## Инструкция по настройке QWO-80-AC



## Способ установки AP



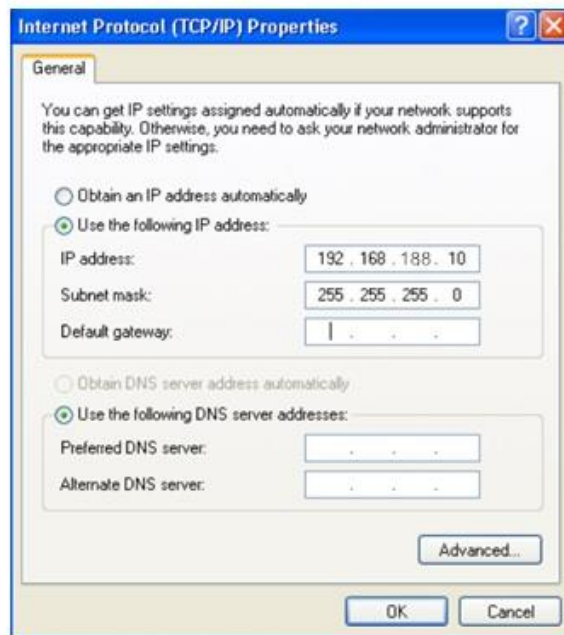
Кнопка **Reset**, нажатие в течение 15с сбрасывает **AP** к заводским настройкам.

**WAN/PoE Port**, подключение кабеля от блока **PoE**

Разъёмы для подключения внешних антенн

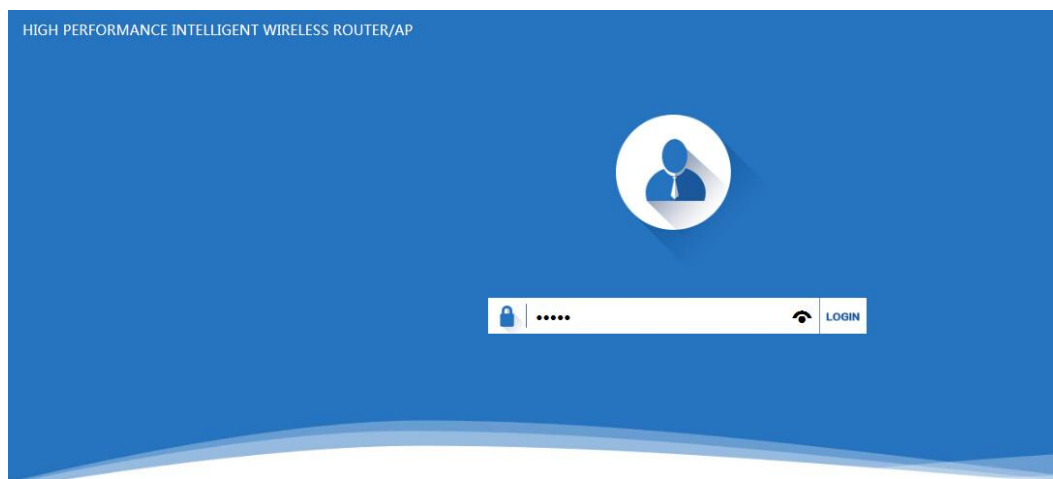
Перед настройкой подключить **AP** кабелем к порту блока **PoE**, компьютер подключить к порту **LAN** блока **PoE**.

Настроить сетевой **IP** адрес компьютера:

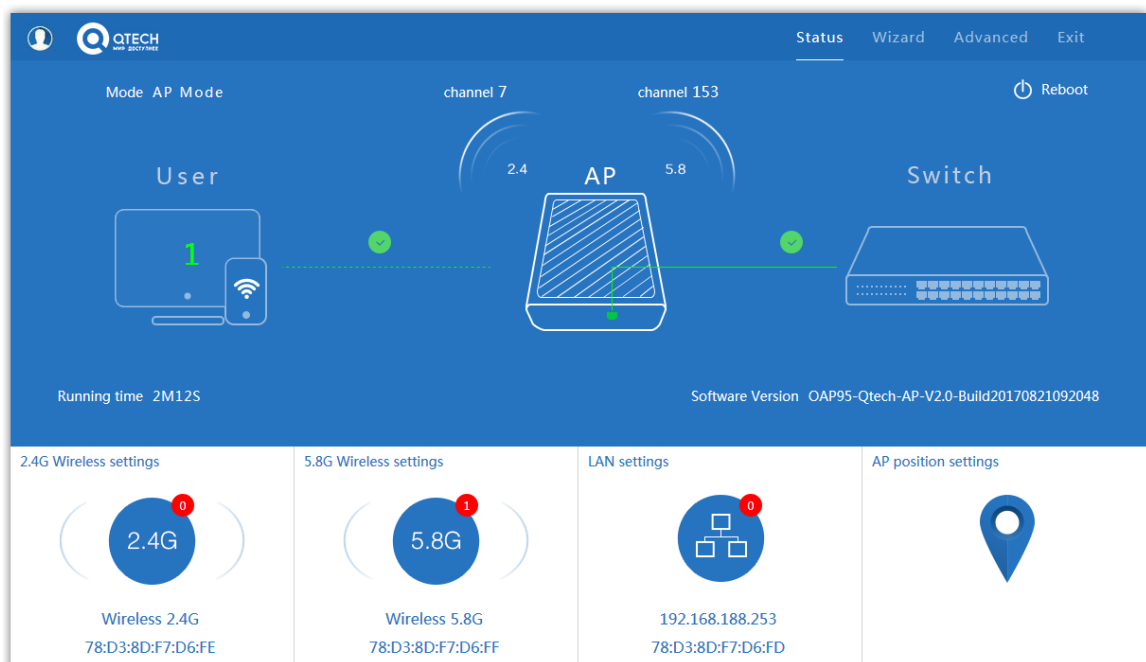


В адресной строке IE браузера прописываем адрес **AP 192.168.188.253** в окне авторизации вводим **login : Admin**,

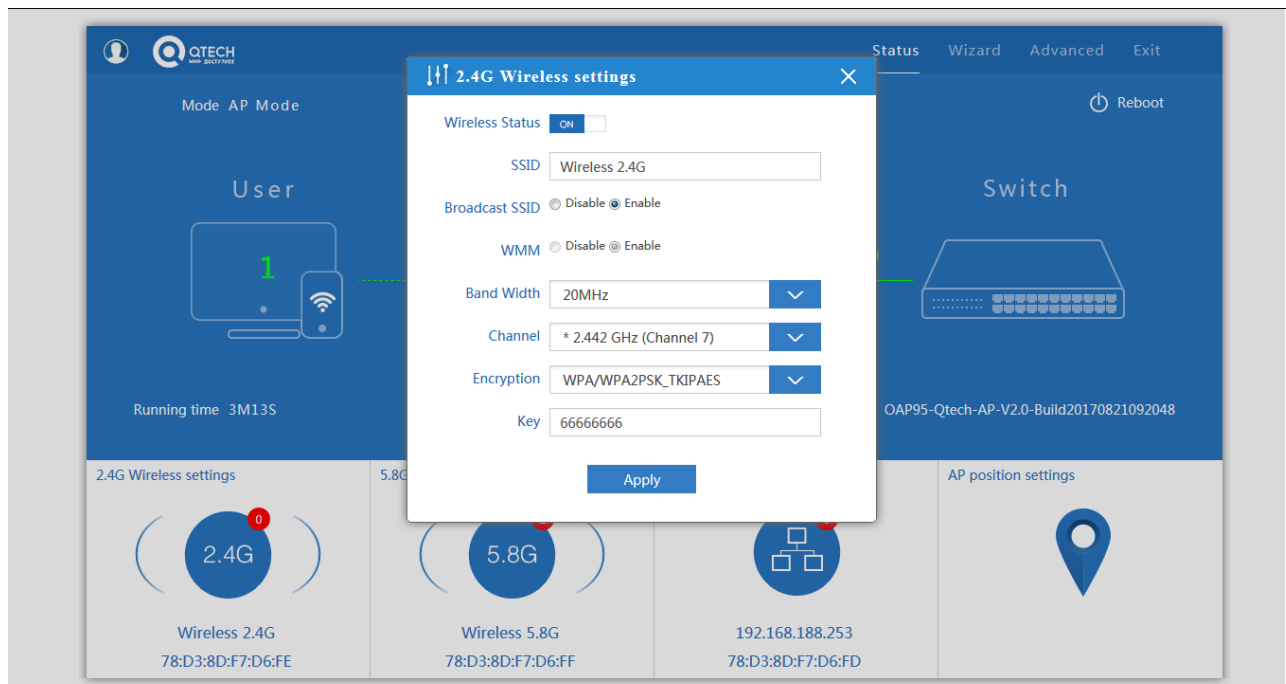
**Passwords: admin**



В случае правильной авторизации попадаем на страницу **Status**



По умолчанию точка настроена в режиме **AP**



**Вкладка**

**2.4G** содержит основные настройки беспроводной сети диапазона 2.4ГГц

**SSID** – идентификатор сети

**Band Width** – ширина спектра канала

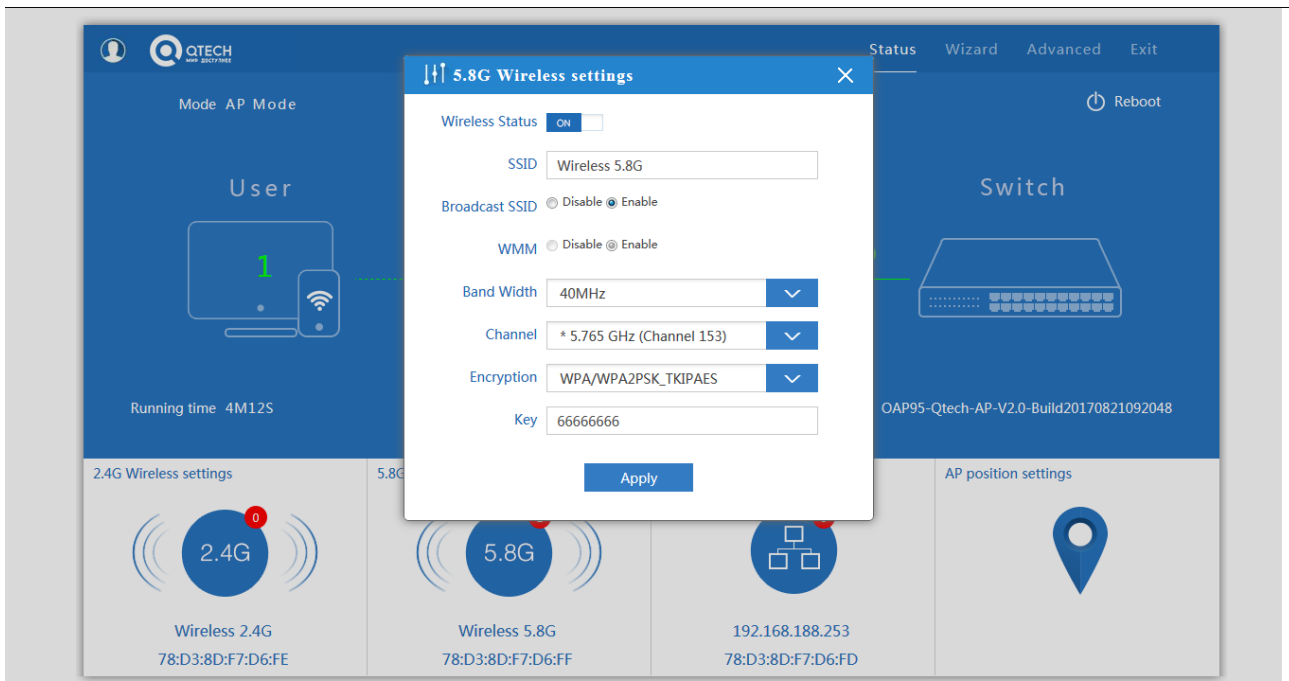
**Channel** – выбор канала

**Encryption** – метод шифрования

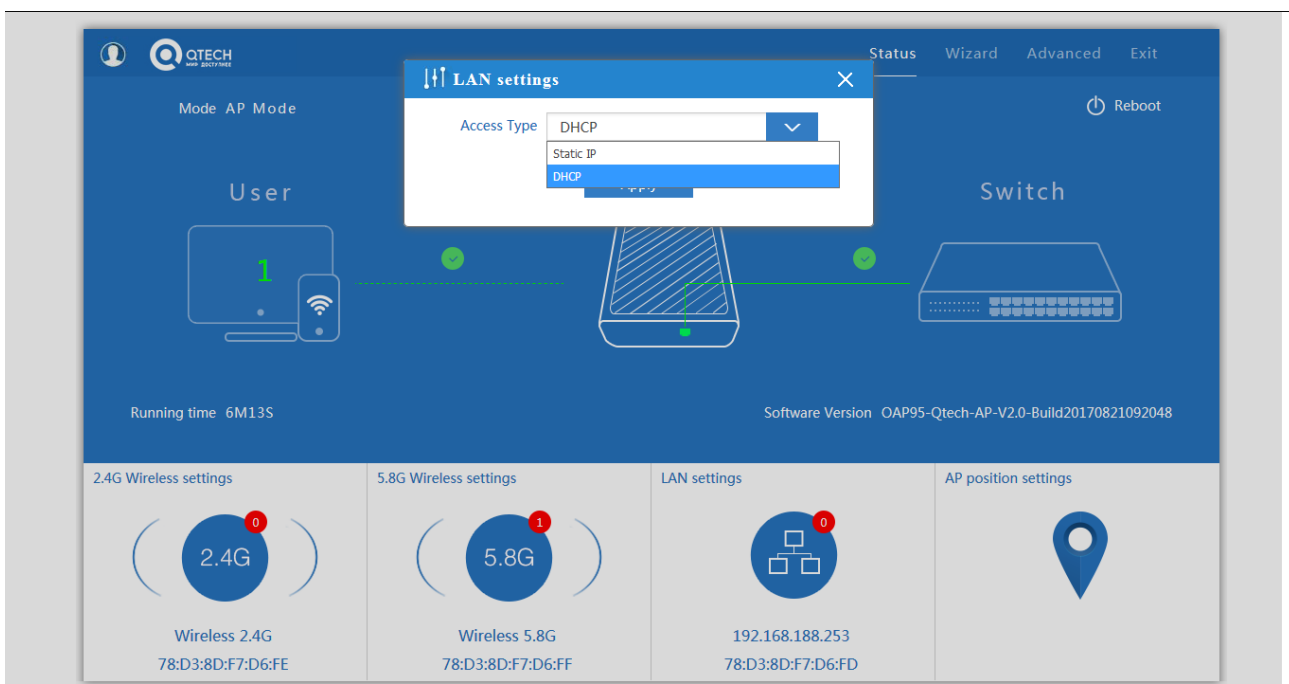
**Key** – ключ шифрования

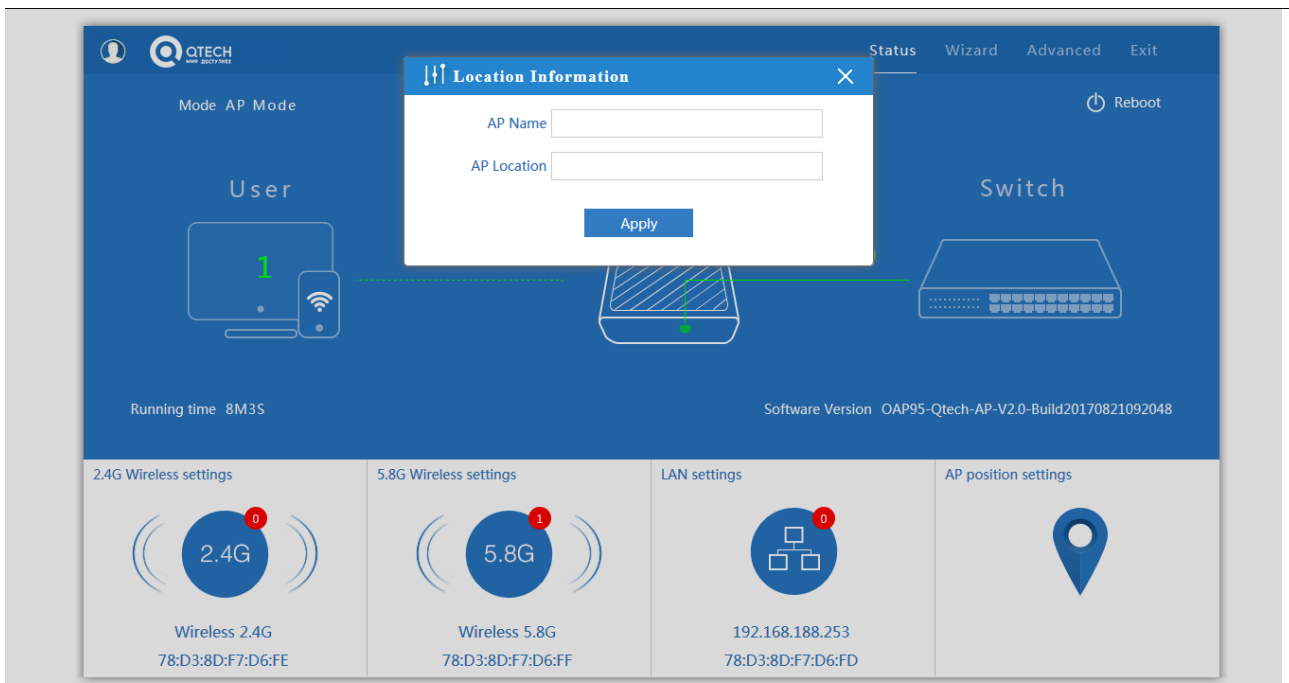
**Вкладка 5.8G** содержит основные настройки беспроводной сети диапазона 5.8ГГц

При изменении любых настроек необходимо нажать кнопку **Apply**



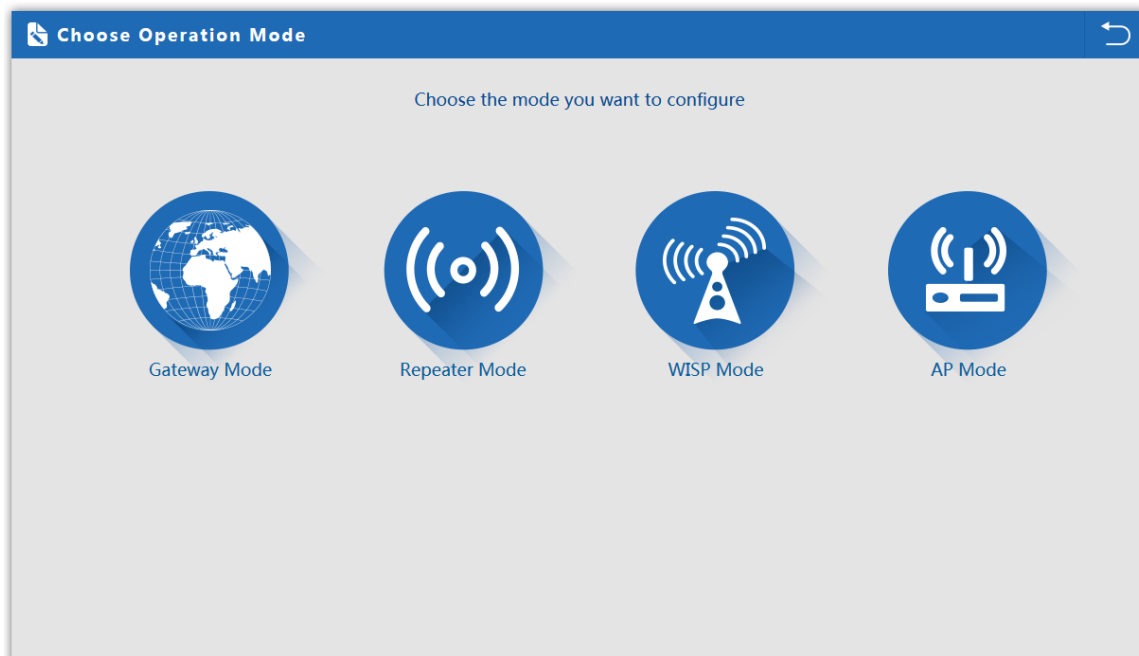
**Вкладка LAN setting** содержит настройки IP адреса





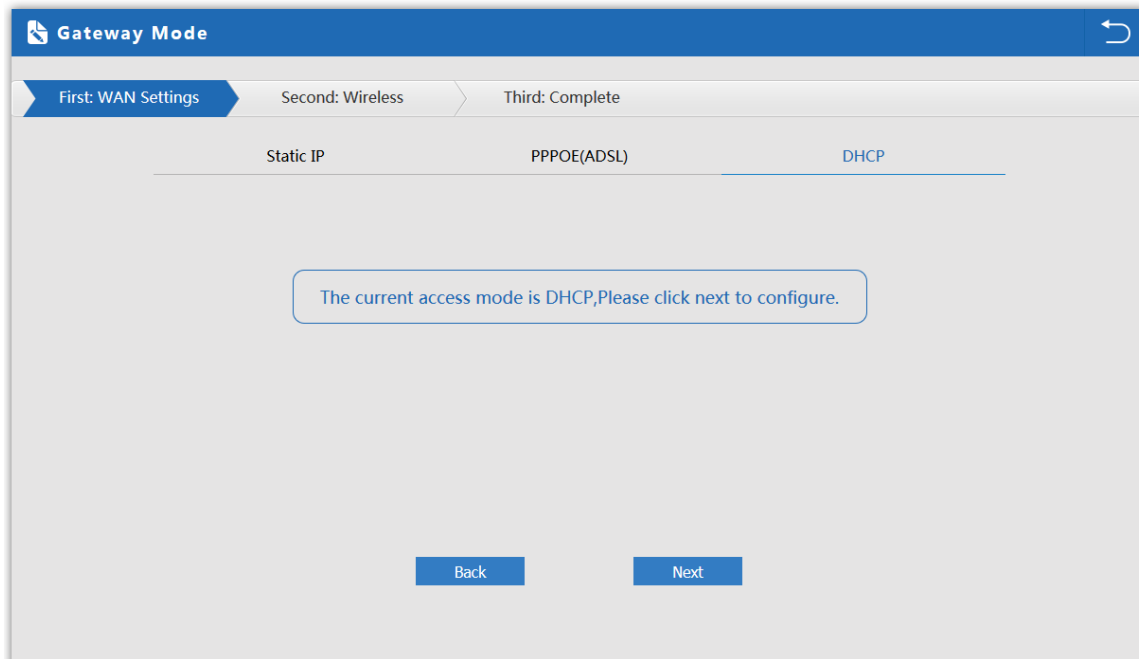
Вкладка **Location Information** настраивается местоположение и имя точки

Конфигурация с помощью мастера **Wizard**

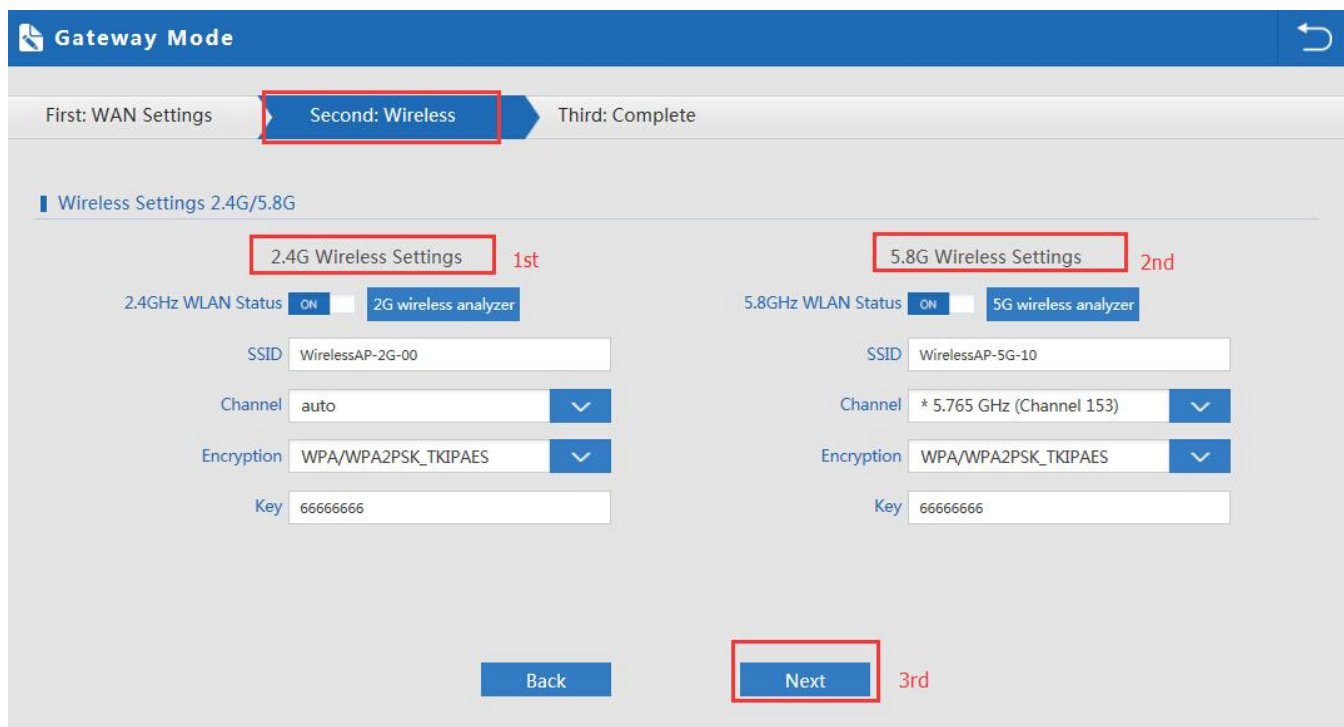


## Gateway Mode:

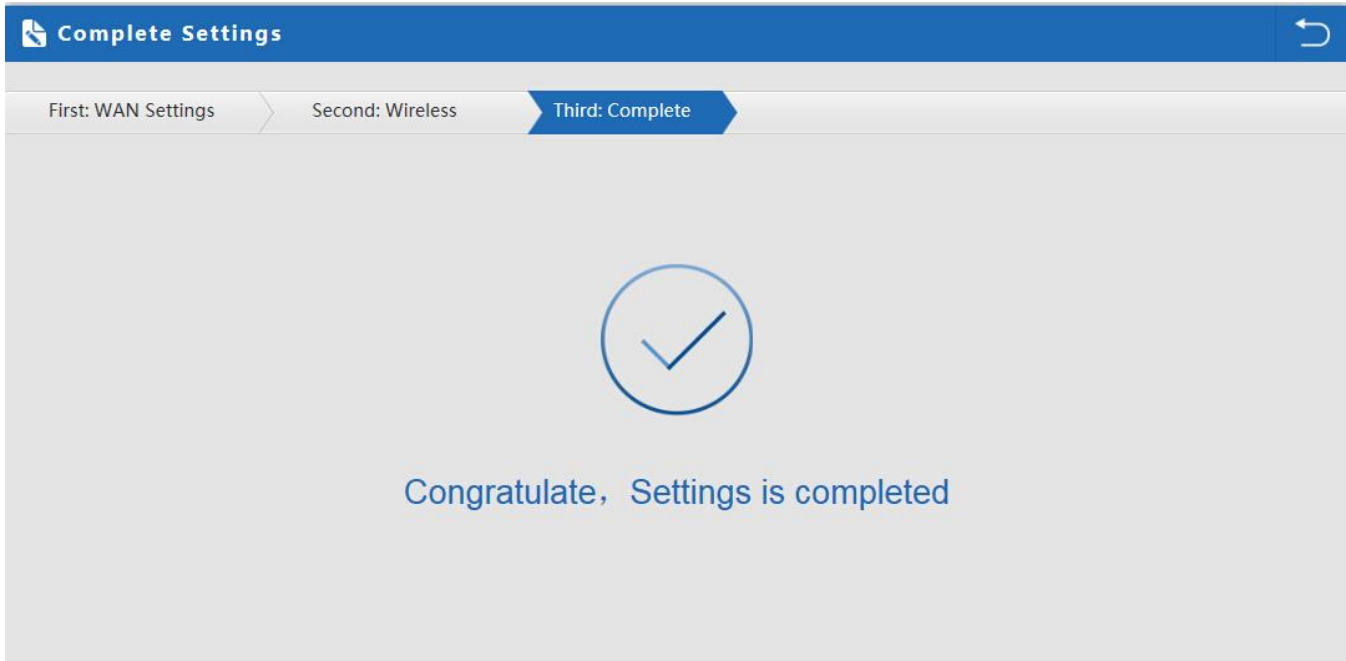
Режим подключения к **WAN**



Настройка WAN в режиме **Gateway**



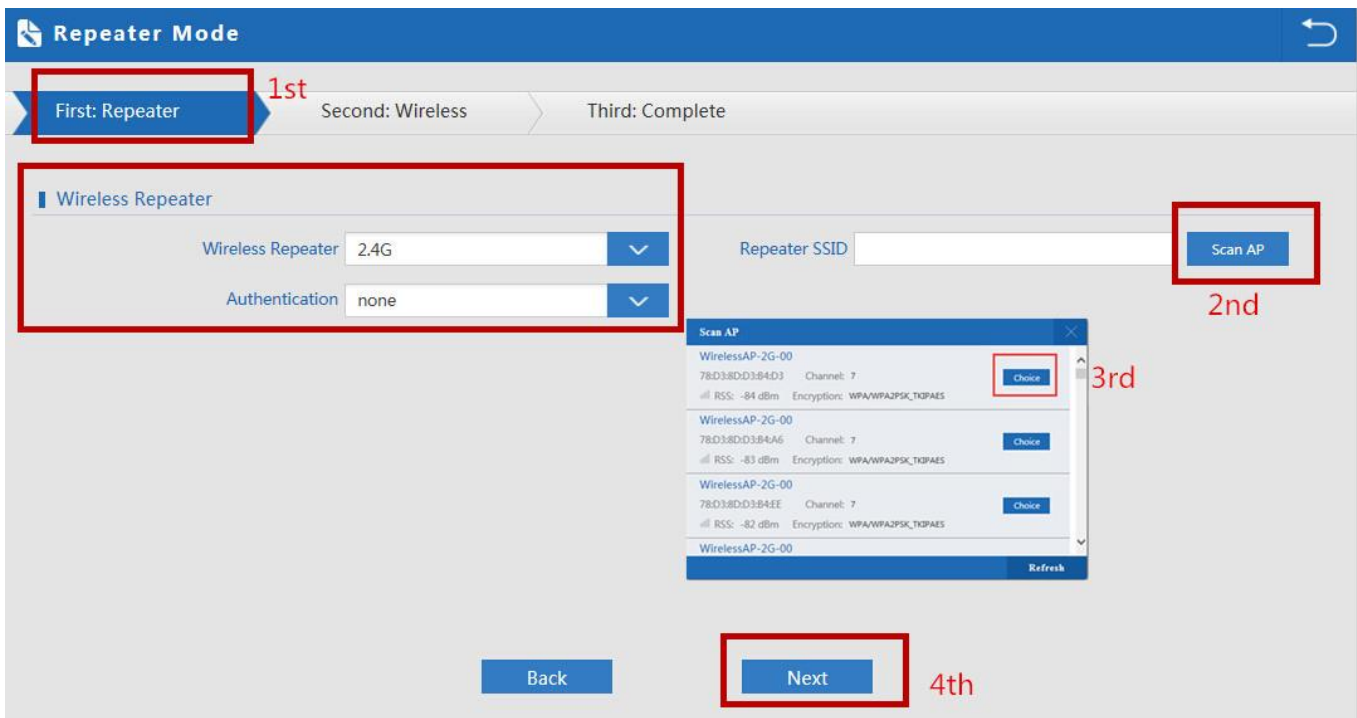
Настройка беспроводной сети в режиме **Gateway**



Завершение настроек в режиме **Gateway**

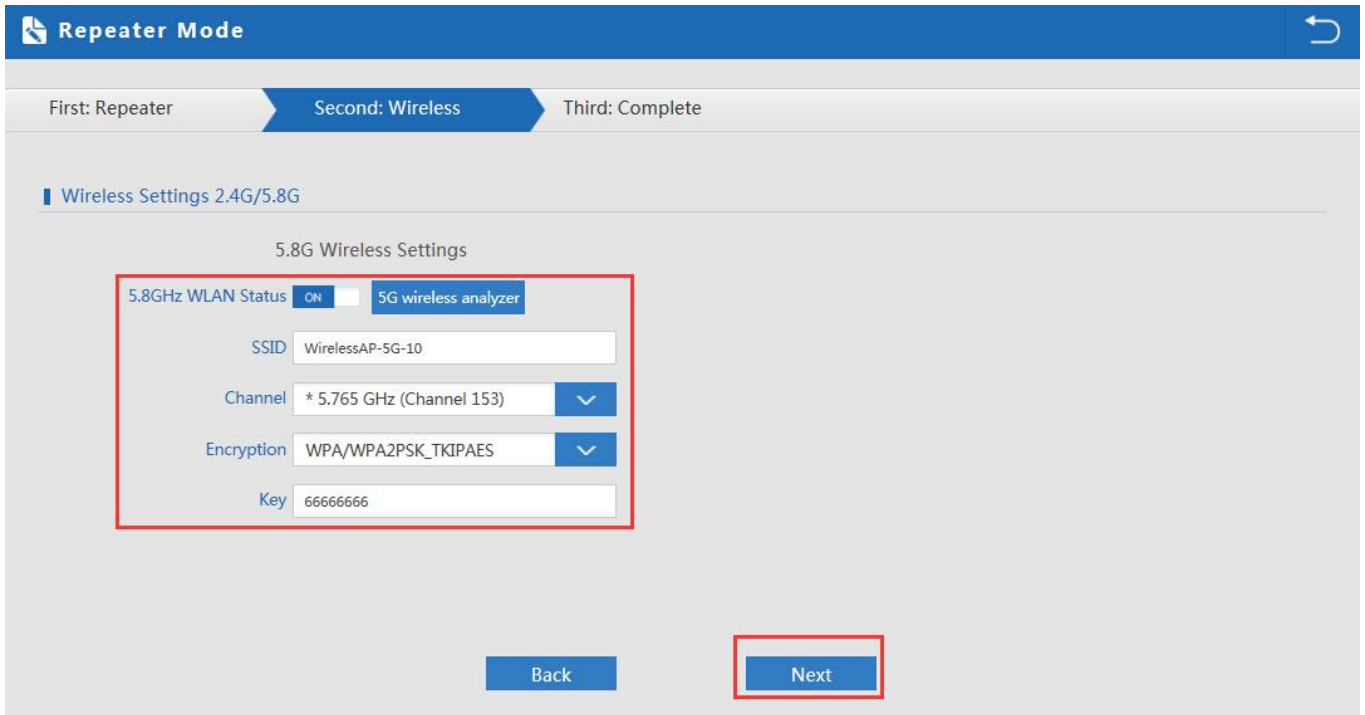
### Режим Repeater mode

Режим **Repeater**: точка подключается к AP беспроводным мостом транслируя в прозрачном режиме настройки AP увеличивая зону покрытия.



Настройка беспроводной сети 2.4ГГц в режиме **Repeater mode**



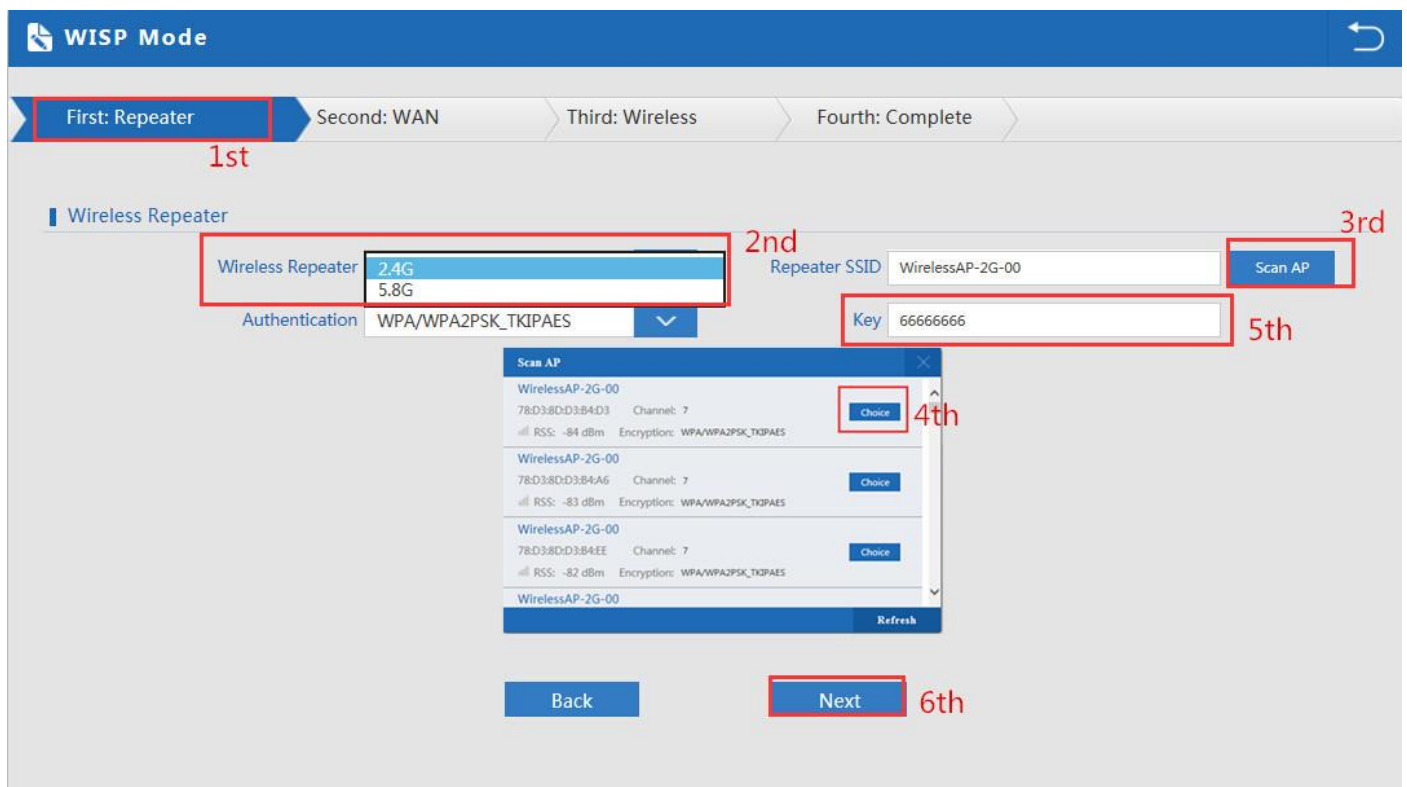


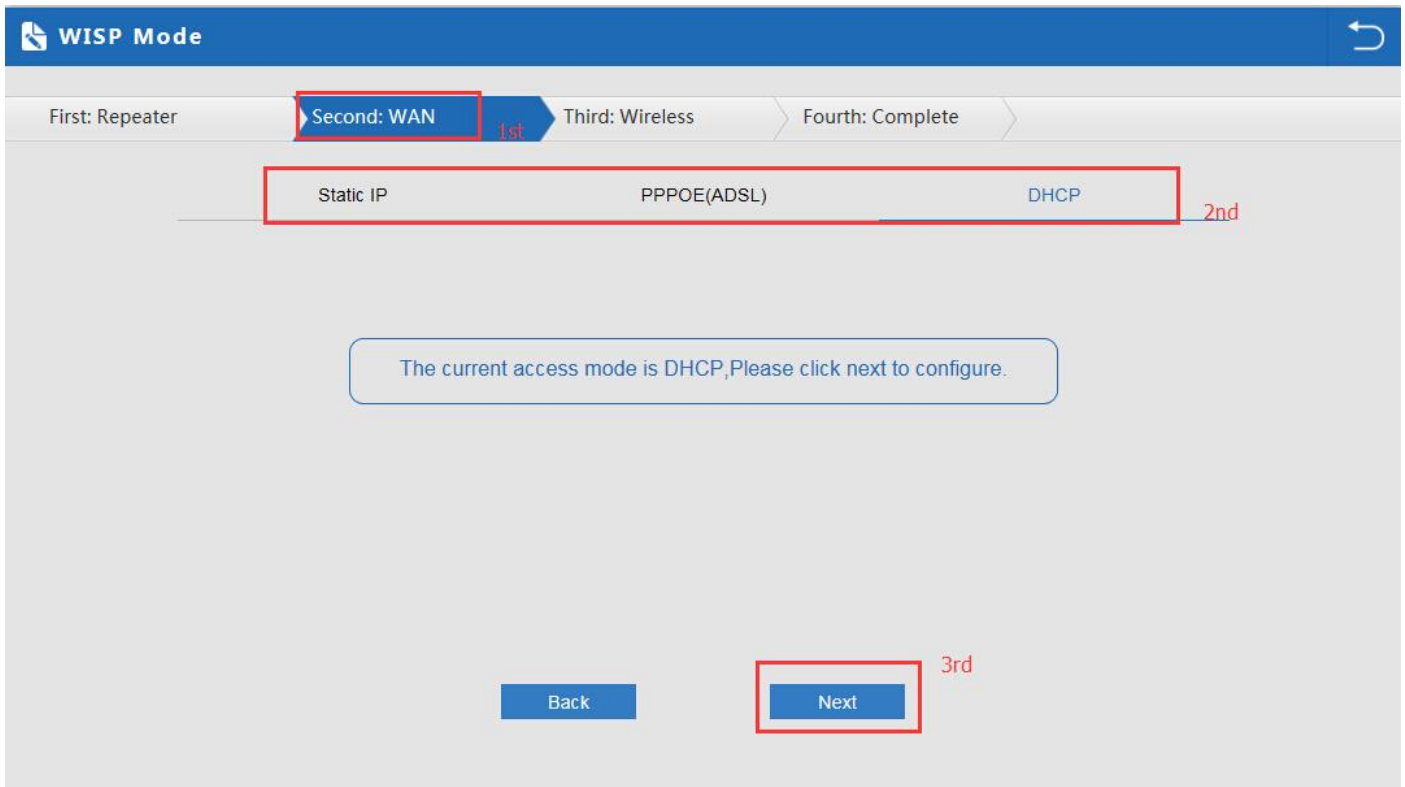
Настройка беспроводной сети 5.8ГГц в режиме **Repeater mode**

### Режим WISP

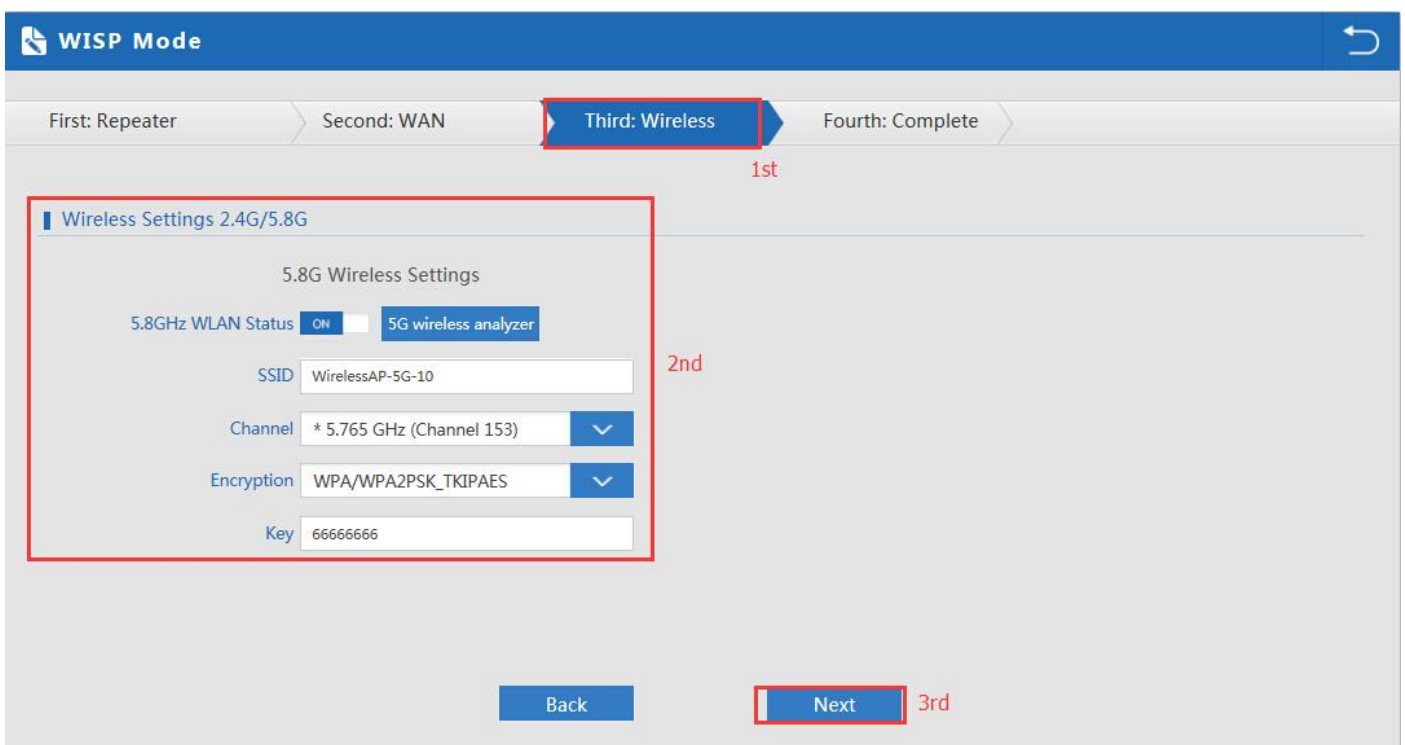
Режим **WISP** используется для подключения к беспроводной точке провайдера по радио для выхода в WAN интернет

Настройте правильный **SSID в WISP** режиме





Настройка WAN в WISP режиме



Настройка беспроводной сети 5.8ГГц в WISP режиме

## Режим AP точки доступа

Режим **AP**: беспроводное подключения клиентов к AP для выхода в сеть WAN интернет

The screenshot shows the 'AP Mode' configuration interface. At the top, there is a blue header with 'AP Mode' and a back arrow. Below the header, a progress bar indicates three steps: 'First: Wireless' (highlighted with a red box), 'Second : LAN', and 'Third:Complete'. The main content area is divided into two sections: 'Wireless Settings 2.4G/5.8G' and 'Location Information'. The 'Wireless Settings' section is further divided into '2.4G Wireless Settings' and '5.8G Wireless Settings'. In the 2.4G settings, '2.4GHz WLAN Status' is 'ON', '2G wireless analyzer' is selected, SSID is 'WirelessAP-2G-00', Channel is '\* 2.442 GHz (Channel 7)', Encryption is 'WPA/WPA2PSK\_TKIPAES', and Key is '66666666'. In the 5.8G settings, '5.8GHz WLAN Status' is 'ON', '5G wireless analyzer' is selected, SSID is 'WirelessAP-5G-10', Channel is '\* 5.765 GHz (Channel 153)', Encryption is 'WPA/WPA2PSK\_TKIPAES', and Key is '66666666'. The 'Location Information' section has 'AP Location' and 'AP Name' text boxes. At the bottom, there are 'Back' and 'Next' buttons, with 'Next' highlighted by a red box.

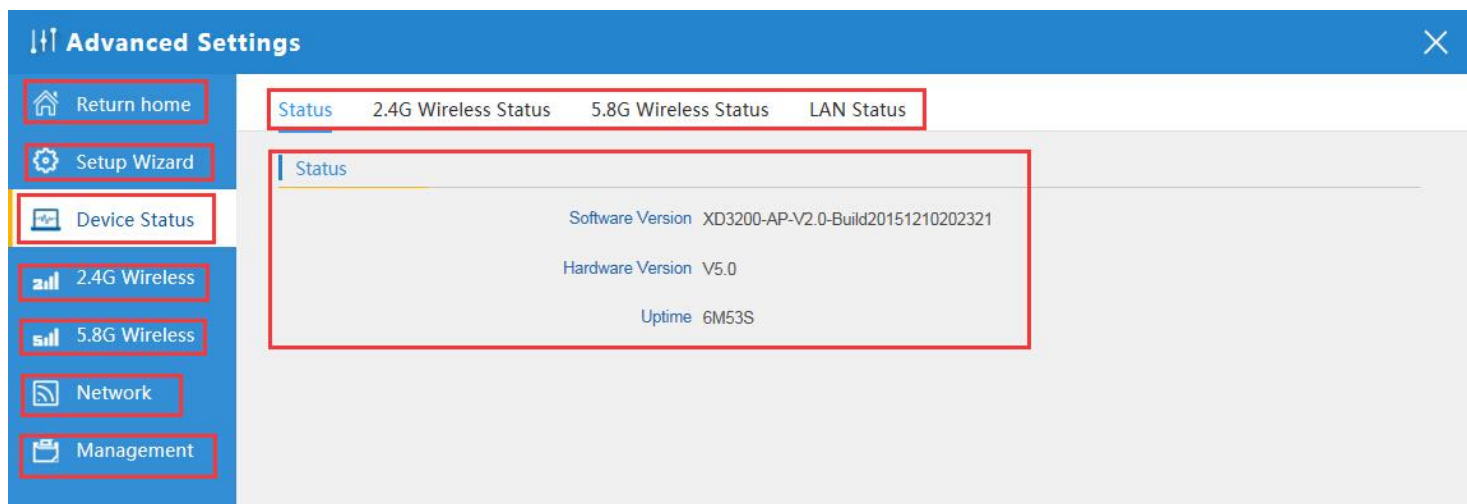
Настройка параметров беспроводной сети 2.4ГГц-5.8ГГц в **режиме AP**

The screenshot shows the 'AP Mode' configuration interface, specifically the 'LAN setting' section. At the top, there is a blue header with 'AP Mode' and a back arrow. Below the header, a progress bar indicates three steps: 'First: Wireless', 'Second : LAN' (highlighted with a red box), and 'Third:Complete'. The main content area is titled 'LAN setting' and contains an 'Access Type' dropdown menu with 'Static IP' and 'DHCP' options. The 'Static IP' option is selected and highlighted by a red box. At the bottom, there are 'Back' and 'Next' buttons, with 'Next' highlighted by a red box.

Настройка LAN в **режиме AP**

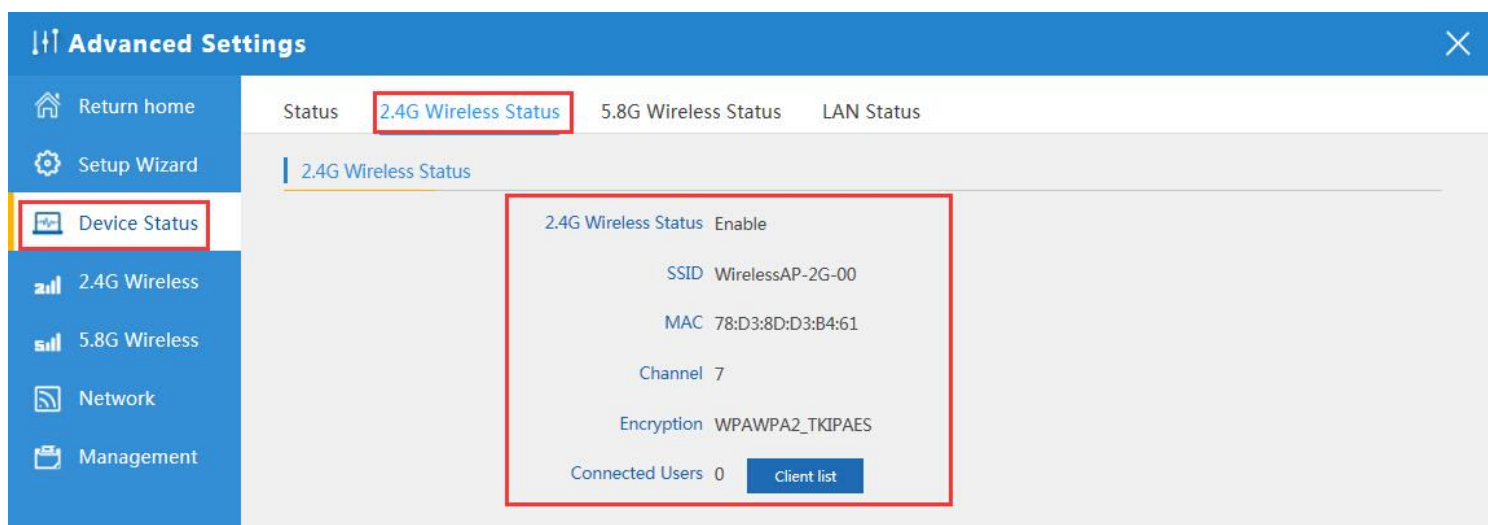
## Advanced Setting:

В расширенных настройках пользователь может проверить версию прошивки, состояние беспроводной сети и LAN, обновление прошивки, сброс настроек



The screenshot shows the 'Advanced Settings' interface. On the left is a navigation menu with options: Return home, Setup Wizard, Device Status, 2.4G Wireless, 5.8G Wireless, Network, and Management. The main content area has a tabbed interface with 'Status', '2.4G Wireless Status', '5.8G Wireless Status', and 'LAN Status'. The 'Status' tab is active, displaying the following information:

Software Version	XD3200-AP-V2.0-Build20151210202321
Hardware Version	V5.0
Uptime	6M53S



The screenshot shows the 'Advanced Settings' interface with the '2.4G Wireless Status' tab selected. The navigation menu is the same as in the previous screenshot. The main content area shows the following configuration details for the 2.4G wireless network:

2.4G Wireless Status	Enable
SSID	WirelessAP-2G-00
MAC	78:D3:8D:D3:B4:61
Channel	7
Encryption	WPAWPA2_TKIPAES
Connected Users	0

A 'Client list' button is visible next to the 'Connected Users' count.

Состояние беспроводной сети 2.4ГГц

The screenshot shows the 'Advanced Settings' interface. The left sidebar contains navigation options: 'Return home', 'Setup Wizard', 'Device Status' (highlighted with a red box), '2.4G Wireless', '5.8G Wireless', 'Network', and 'Management'. The main content area has tabs for 'Status', '2.4G Wireless Status', '5.8G Wireless Status' (highlighted with a red box), and 'LAN Status'. Under the '5.8G Wireless Status' tab, the following information is displayed:

- 5.8G Wireless Status: Enable
- SSID: WirelessAP-5G-10
- MAC: 78:D3:8D:D3:B4:62
- Channel: 153
- Encryption: WPAWPA2\_TKIPAES
- Connected Users: 0
- Client list button

Состояние беспроводной сети 5.8ГГц

The screenshot shows the 'Advanced Settings' interface. The left sidebar contains navigation options: 'Return home', 'Setup Wizard', 'Device Status' (highlighted with a red box), '2.4G Wireless', '5.8G Wireless', 'Network', and 'Management'. The main content area has tabs for 'Status', '2.4G Wireless Status', '5.8G Wireless Status', and 'LAN Status' (highlighted with a red box). Under the 'LAN Status' tab, the following information is displayed:

- LAN IP: 192.168.188.253
- Subnet Mask: 255.255.255.0
- MAC: 78:D3:8D:D3:B4:60
- Manage server IP: 192.168.188.1
- DHCP Status: Disable
- DHCP address range: 192.168.188.2 — 192.168.188.252
- Assigned IP: 0
- Client list button

Состояние LAN

## Вкладка 2.4G Wireless Setting:

**Advanced Settings**

Return home | Setup Wizard | Device Status | **2.4G Wireless** | 5.8G Wireless | Network | Management

**2.4G Basic Settings** | 2.4G Virtual AP | 2.4G Access Control | 2.4G Advanced Settings

**Wireless Basic Settings**

Wireless Status: ON | 2G wireless analyzer

SSID: WirelessAP-2G-00

Broadcast SSID:  Disable  Enable

WMM:  Disable  Enable

**Channel**

Band Width: 20MHz

Channel: \* 2.442 GHz (Channel 7)

**Authentication**

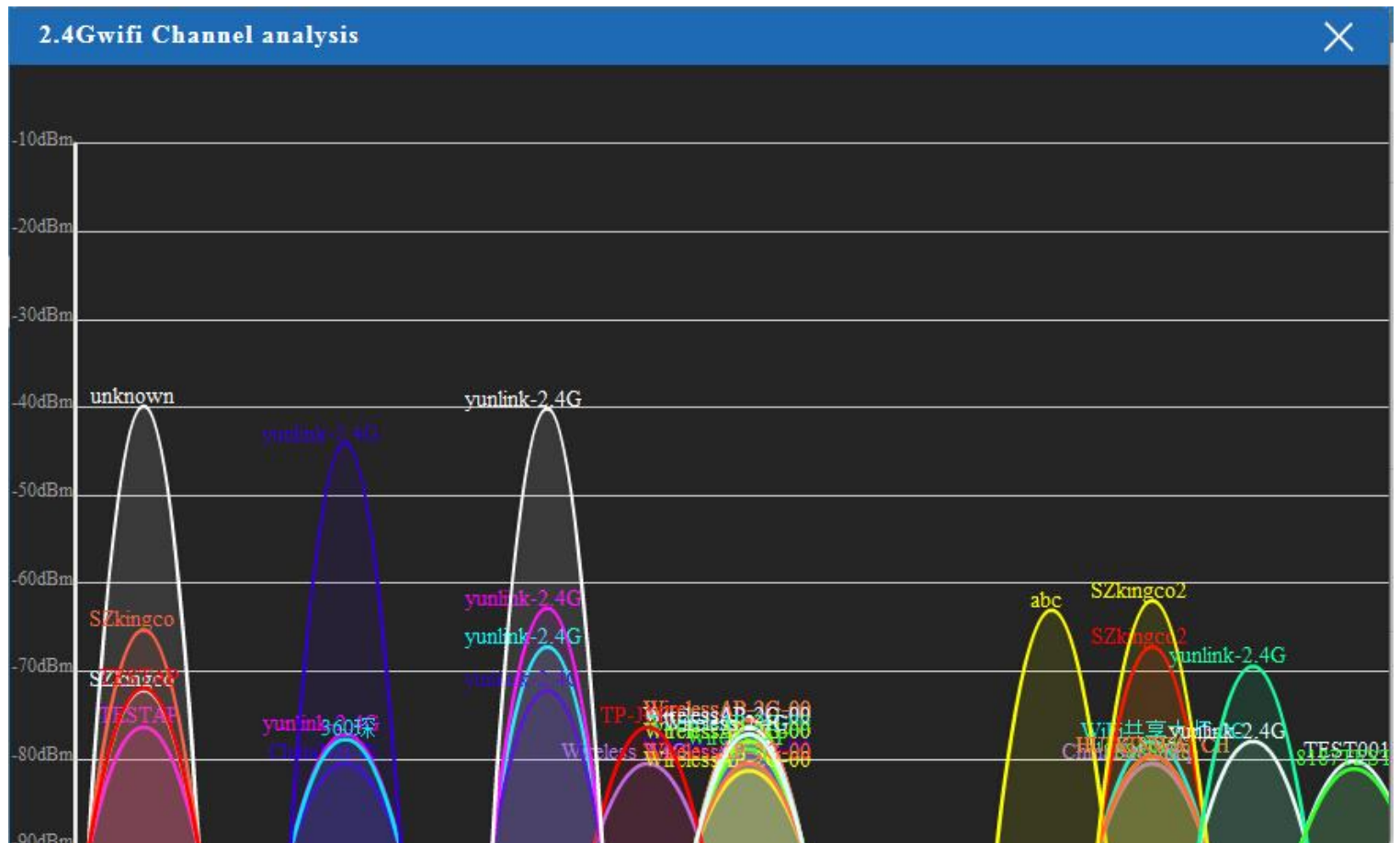
Encryption: WPA/WPA2PSK\_TKIPAES

Key: 66666666

Apply

Настройка беспроводной сети 2.4ГГц

Анализатор Wi-Fi 2.4ГГц





## Virtual AP

The screenshot shows the 'Advanced Settings' interface for a Virtual AP. The left sidebar contains navigation options: Return home, Setup Wizard, Device Status, 2.4G Wireless (highlighted), 5.8G Wireless, Network, and Management. The main content area is titled '2.4G Virtual AP' and contains three tabs: '2.4G Basic Settings', '2.4G Virtual AP' (selected), and '2.4G Advanced Settings'. Under the selected tab, there are three columns for 'Virtual VAP1', 'Virtual VAP2', and 'Virtual VAP3'. The 'Virtual VAP1' column is active and shows the following settings: 'Wireless Status' is set to 'OFF'; 'SSID' is 'WirelessAP-2G-01'; 'Broadcast SSID' has radio buttons for 'Disable' and 'Enable' (with 'Enable' selected); 'WMM' has radio buttons for 'Disable' and 'Enable' (with 'Enable' selected); and 'Encryption' is set to 'none'. A blue 'Apply' button is located at the bottom center of the configuration area.

В 2.4G беспроводной сети есть 3 виртуальных точки доступа, если требуется виртуальный SSID, тогда пользователи могут настроить его на этой вкладке

## 2.4G Access Control

The screenshot shows the 'Advanced Settings' interface for '2.4G Access Control'. The left sidebar is the same as in the previous screenshot, with '2.4G Wireless' highlighted. The main content area has tabs for '2.4G Basic Settings', '2.4G Virtual AP', '2.4G Access Control' (selected), and '2.4G Advanced Settings'. Under the selected tab, there is a 'Wireless Access Control' section. It features an 'Access Control' dropdown menu with three options: 'MAC Access All' (selected), 'Allow Listed', and 'Deny Listed'. A blue 'Apply' button is positioned to the right of the dropdown menu.

Контроль доступа

## 2.4G Advanced Settings:

**Advanced Settings**

Return home | Setup Wizard | Device Status | **2.4G Wireless** | 5.8G Wireless | Network | Management

2.4G Basic Settings | 2.4G Virtual AP | 2.4G Access Control | **2.4G Advanced Settings**

**2.4G Advanced Settings**

Regional: China | Channel(1-13)  
MODE: 802.11B/G  
RF Output Power: 100%  
Packet Threshold: 2346 (256-2346)  
RTS Threshold: 2346 (256-2346)  
Ack Timeout control: 64 (0-255)us  
Beacon interval: 100 (100-1000)ms  
MAX User: 64 (Range 0-64 0 not limited)  
Coverage Threshold: -90 (-65dBm~-90dBm)  
Aggregation:  ON | Short GI:  ON | User isolation:  OFF

Apply

Расширенные настройки беспроводной сети 2.4ГГц

## 5.8G Wireless Setting

**Advanced Settings**

Return home | Setup Wizard | Device Status | 2.4G Wireless | **5.8G Wireless** | Network | Management

5.8G Basic Settings | 5.8G Virtual AP | 5.8G Access Control | **5.8G Advanced Settings**

**Wireless Basic Settings**

Wireless Status:  ON | 5G wireless analyzer  
SSID: WirelessAP-5G-10  
Broadcast SSID:  Disable  Enable  
WMM:  Disable  Enable

**Channel**

Band Width: 80MHz  
Channel: \* 5.765 GHz (Channel 153)

**Encryption**

Encryption: WPA/WPA2PSK\_TKIPAES  
Key: 66666666

Apply





## Настройка VLAN

### Management:

**Advanced Settings**

Return home Setup Wizard Device Status 2.4G Wireless 5.8G Wireless Network **Management**

System Time Logs Upgrade Firmware System User

System Time

System Time 2015-10-30 11:16:34 Sync with host

Choose Time Zone Beijing, Chongqing, Urumqi, Re-Hong Kong, Taiwan;

NTP Server time.windows.com

Equipment timing  Auto restart 23:00

Apply

### Настройка системного времени

**Advanced Settings**

Return home Setup Wizard Device Status 2.4G Wireless 5.8G Wireless Network **Management**

System Time Logs Upgrade Firmware System User

Upgrade Firmware 2nd

Software Version XD3200-AP-V2.0-Build20151210202321 3rd 4th

Choose File Browse Upgrade

Note do not power off the device during the upload because it may crash the system! 5th

### Обновление прошивки

**Advanced Settings** ✕

System Time   Logs   Upgrade Firmware   **System**   User

Save/Reload Settings

Backup

Restore

Deset Default

Reboot

Return home  
Setup Wizard  
Device Status  
2.4G Wireless  
5.8G Wireless  
Network  
**Managemen**

Сохранение, восстановление конфигурации, сброс к заводским настройкам, перезагрузка.