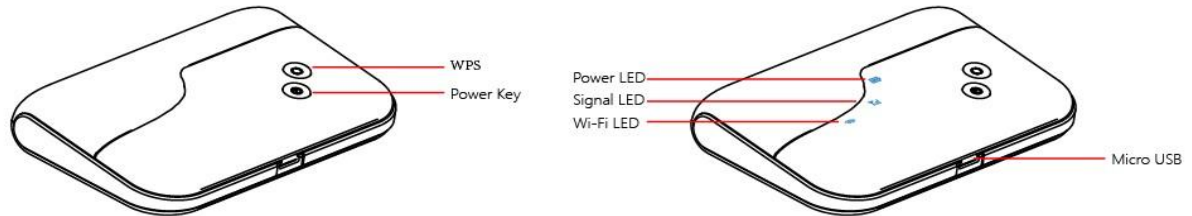


# TD0301 User Manual

## Interface



## Key Button

| Key   | Illustrate                                                                                                                    |
|-------|-------------------------------------------------------------------------------------------------------------------------------|
| Power | On/Off, power on after press 3 seconds; power off after press 3 seconds                                                       |
| WPS   | On/Off, enable/disable the WPS function of Wi-Fi after press 3 seconds                                                        |
| Reset | Software reset after short click<br>Reload to default settings after press 6 seconds<br>Hardware reset after press 12 seconds |

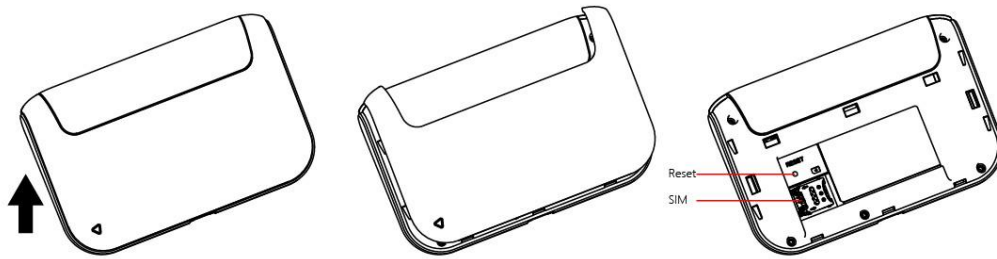
## LED Indication

| Indicator   | Working status                                                                                                                                                                           |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WiFi LED    | Blue light active for Wi-Fi enabled<br>Blue light flash quickly for the WPS function is enabled<br>Off for Wi-Fi disabled                                                                |
| Signal LED  | Blue light active for 2G/3G/4G network registered<br>Red light active for 2G/3G/4G network not registered<br>Blue light flash slowly for data connection established                     |
| Battery LED | Red light active for battery low without charging<br>Purple light flash for battery charging<br>Blue light flash for battery changing full<br>Blue light active for battery normal state |

## Installation

---

Follow the diagram to install the SIM card.



Tips: Always switch the device off and disconnect the charger before removing the SIM card.

1. Remove the back cover.
2. Insert the SIM card. Ensure that the contact area on the card is facing down and that the beveled corner on the card is facing the beveled corner on the holder.
3. Finally cover the back.

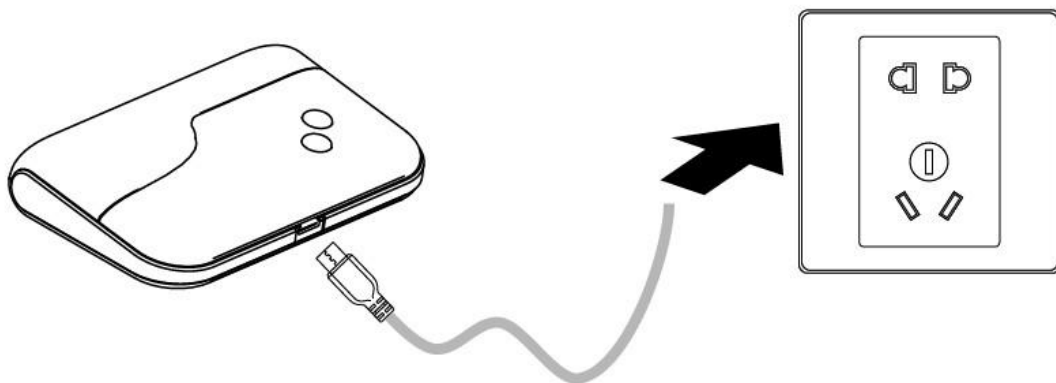
## Charge

---

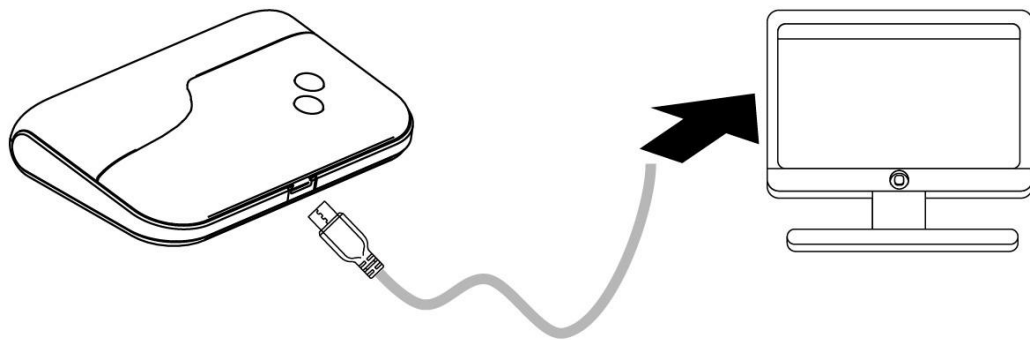
Your battery has been partially charged at the factory. If the device indicates a low charge, do the following:

1. Connect the charger to an outlet.
2. Connect the USB charger plug to your device's USB port.
3. When the device indicates a full charge, disconnect the charger from the device, then from the outlet.

### One : Using charge adapter



## Two : Using USB port



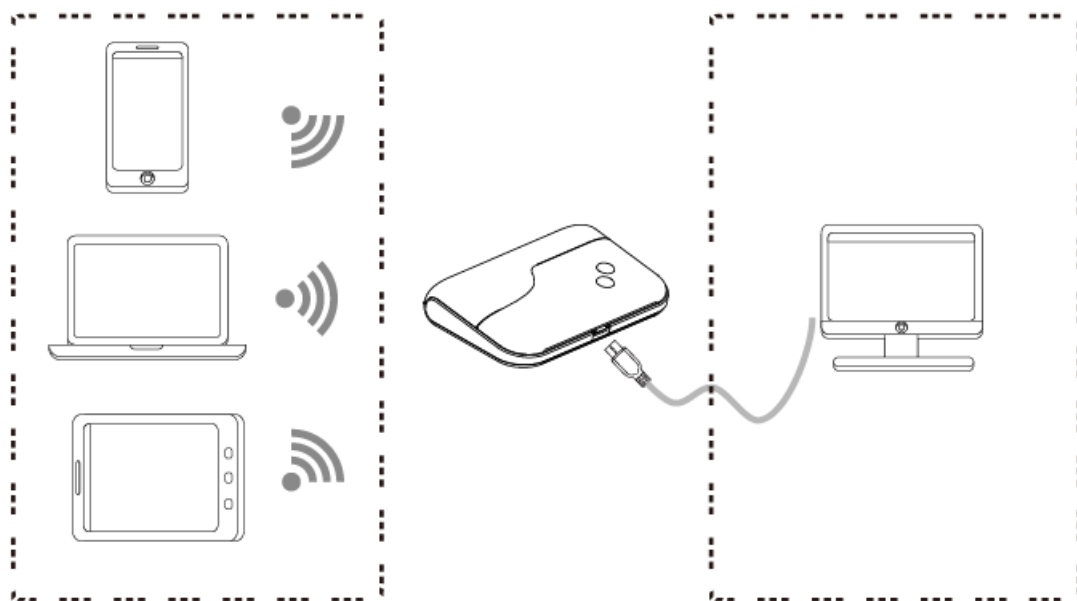
## TD0301 Usage

---

TD0301 supports 4G/3G/2G networks. Insert the SIM card, Wi-Fi devices and the computers can access the Internet through TD0301, enjoy high-speed network services. Smart phones, tablet computers, game consoles and other Wi-Fi devices can be connected with the TD0301 Wi-Fi connection for Internet access.

Computers & laptops etc. may be connected to the TD0301 via USB cable for Internet Access.

**TD0301 connectsto computer via a USB cable for the first time, you need to follow the prompts.**

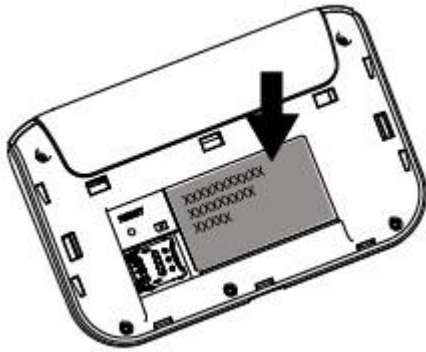


## Wi-Fi wireless Internet access

---

In order for a Wi-Fi device to establish a connection with the TD0301 for the first time, you will need to select the TD0301SSID (Wi-Fi name) & enter the relevant Wi-Fi password, which you may find them in the following ways:

**Method one: on the nameplate view the default SSID and Wi-Fi password**

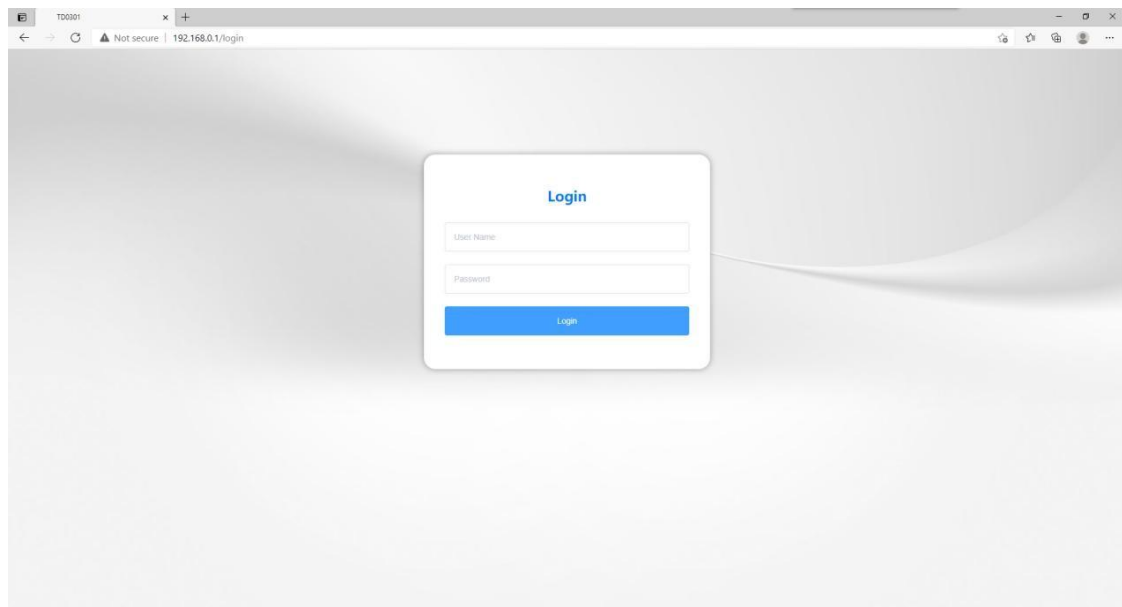


**Method Two: Login management page view**

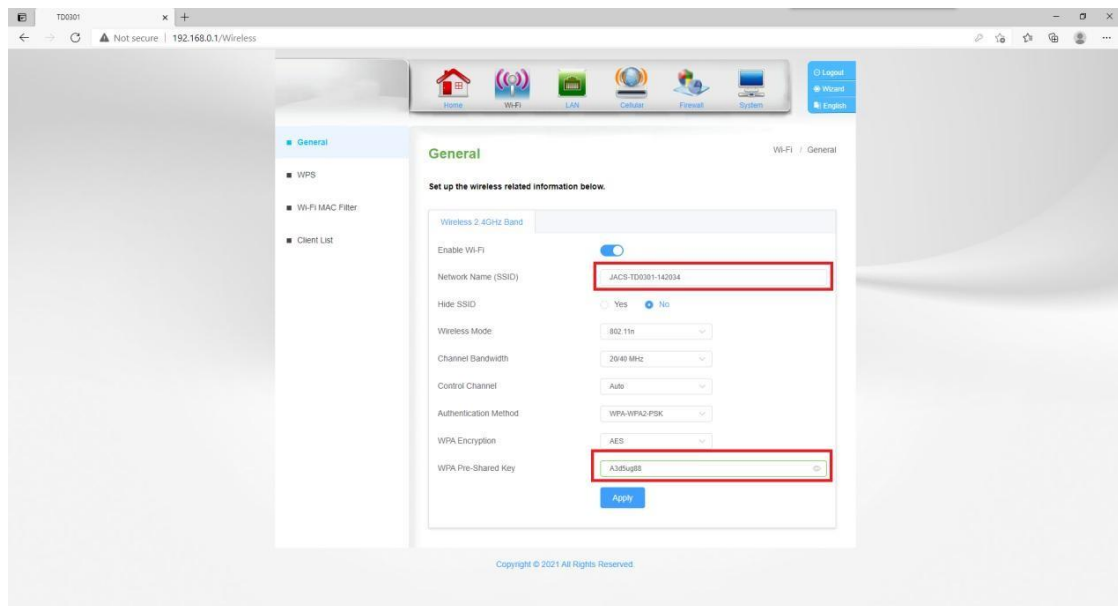
1. On computer, open your browser, input <http://192.168.0.1> and enter.

- The default Account is admin
- The default Password isadmin

Enter the Account and Password, login the administration pages



2. Enter the Wi-Fi menu, view the default SSID and Wi-Fi password

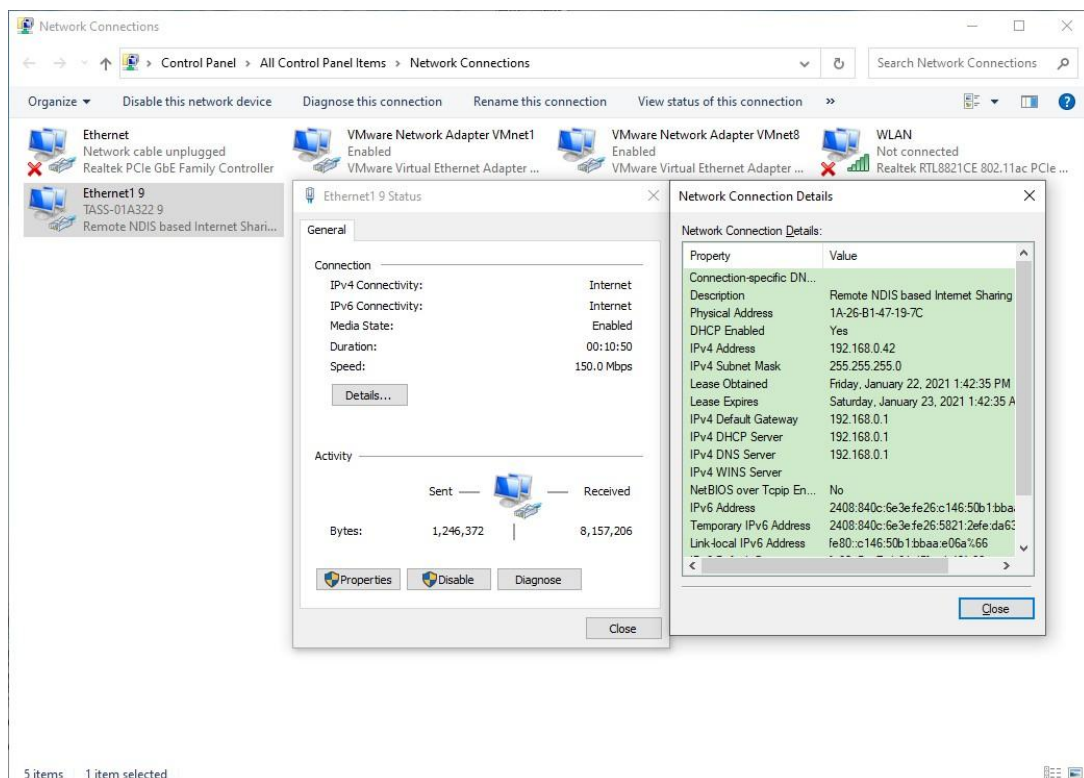


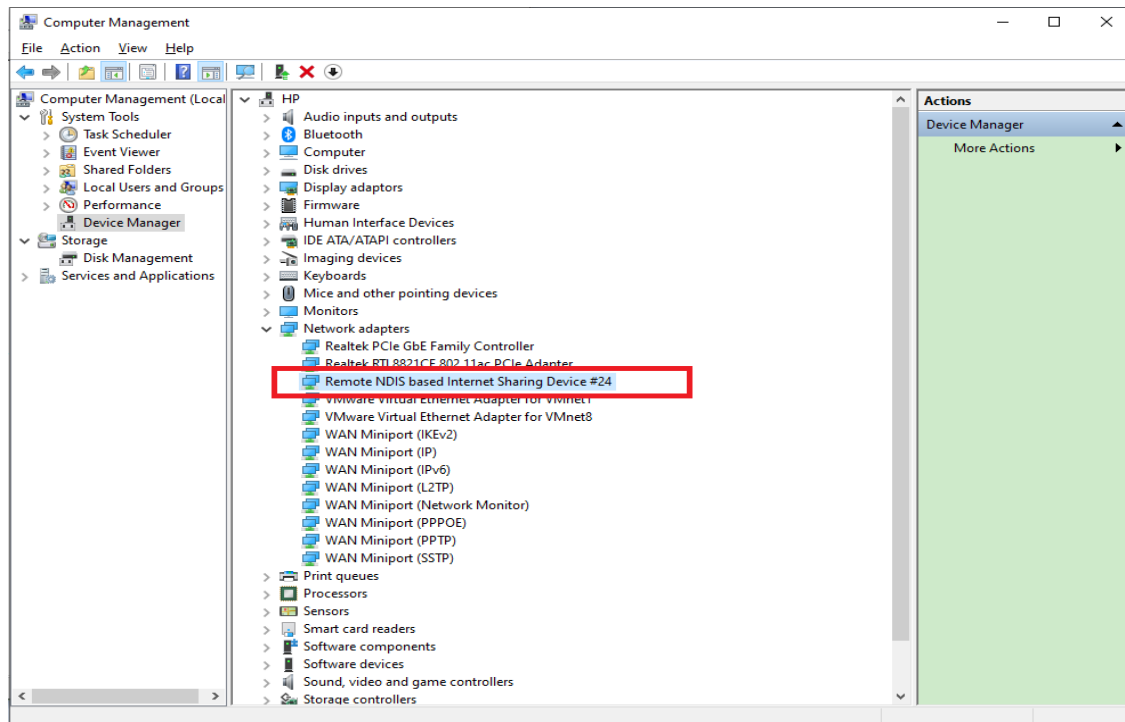
★ Recommend that you start using TD0301 administration pages after setting a convenient landing memorizing SSID and a higher safety factor Wi-Fi passwords.

## Install the driver and connecting the device

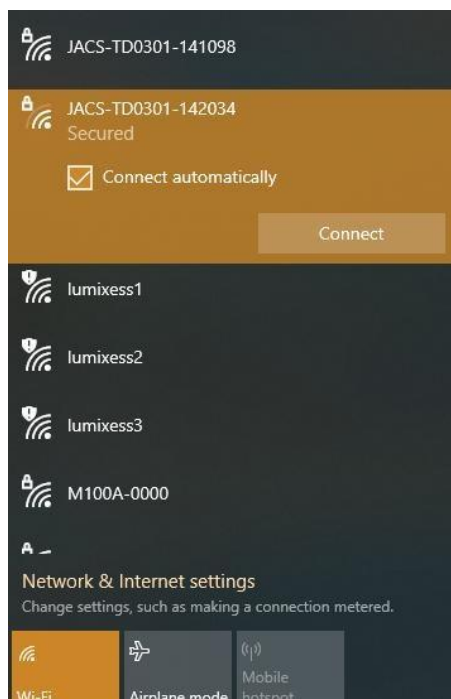
### USB Connection: Windows 10 for example

1. Keep TD0301 powering on, Plug the device into your computer, it will install the default RNDIS driver automatically.
2. Check the network card is installed correctly, like the following pictures

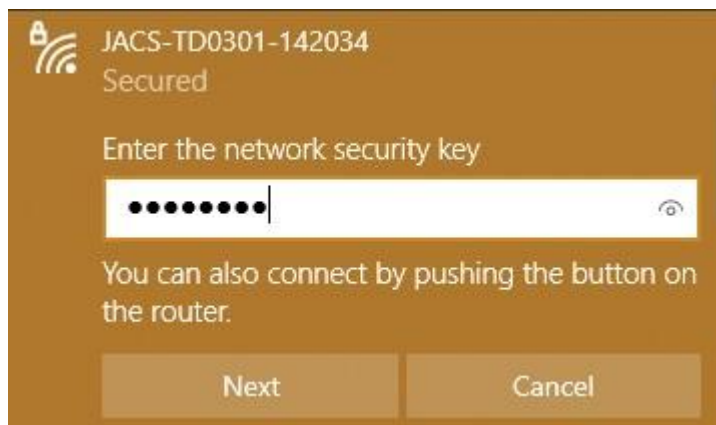




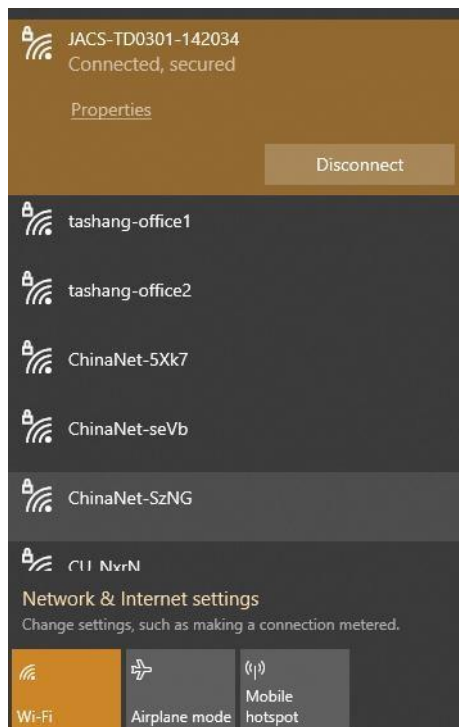
**Establish Wi-Fi connection:** you must ensure that the computer equipped with a wireless network card. If the computer showed the presence of Wi-Fi connectivity, the wireless LAN is available. Otherwise, you need to check your wireless network card is working properly. In the Wi-Fi list, select the SSID consistent with TD0301 Wi-Fi, click Connect. Then enter the correct Wi-Fi password, click ok. A moment later, Wi-Fi connection is displayed next to the name, Wi-Fi connection is successful.



1. Enter the correct Wi-Fi password, click Next

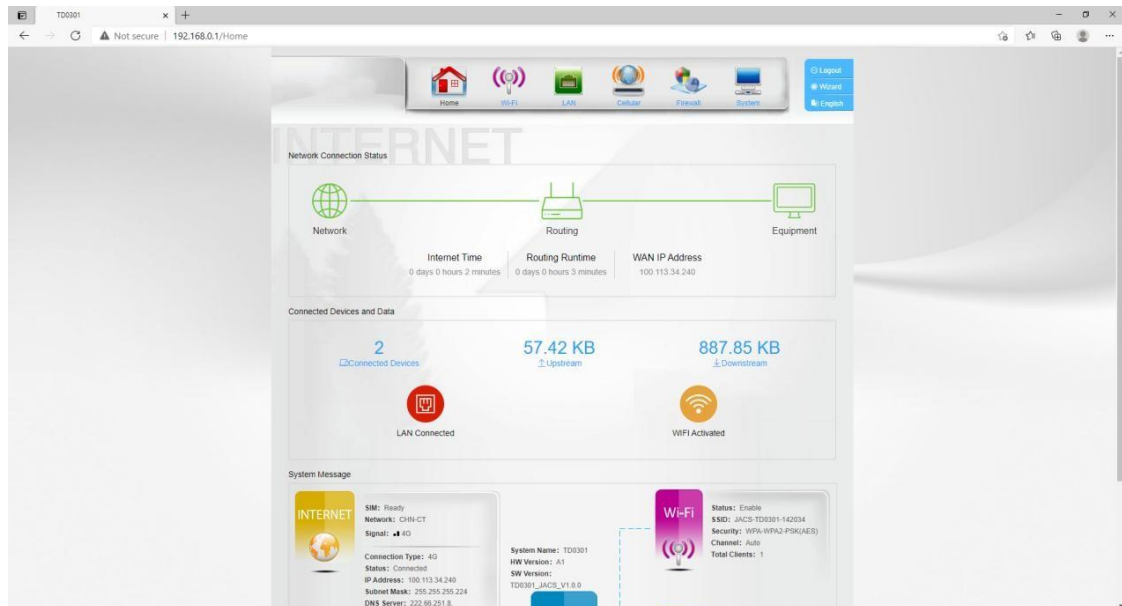


2. After a moment, the prompt “Connected” is displayed below the name, it means the connection is established.



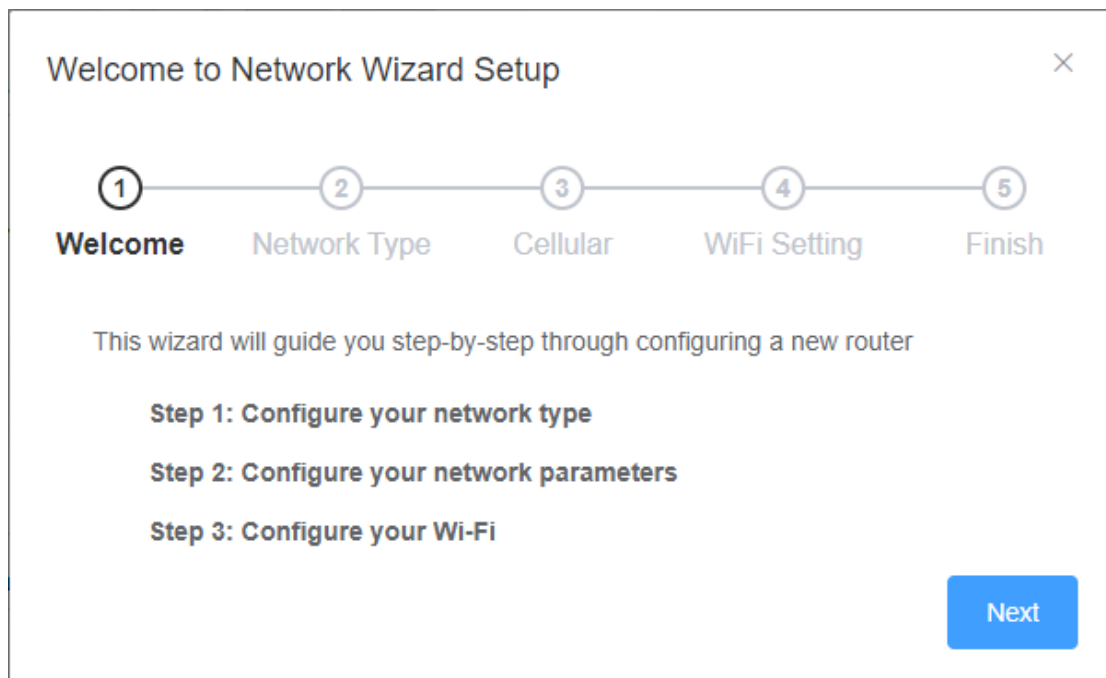
# WebUI

- Home



First part of the main display network connection status, connected devices and data, system message, such as IP address, system run time, traffic statistics, SIM card status, type and quality of the network signal, whether it is roaming, with or without a new message, and so on.

- Wizard





Welcome to Network Wizard Setup

✓

2

3

4

5

WelcomeNetwork TypeCellularWiFi SettingFinish

The wizard page selects the Internet access method

☒ Cellular (4G LTE/3G)

Previous

Next

Welcome to Network Wizard Setup

✓

✓

3

4

5

WelcomeNetwork TypeCellularWiFi SettingFinish

This wizard page sets up cellular network related information

Allow Data Roaming

☐

Connection Mode

Auto

Previous

Next

Welcome to Network Wizard Setup

✓

✓

✓

4

5

WelcomeNetwork TypeCellularWiFi SettingFinish

This wizard page sets the basic parameters of the router wireless network

Network Name (SSID)

TASS-01A322

WPA Pre-Shared Key

.....

Previous

Next

Welcome to Network Wizard Setup

✓

✓

✓

✓

5

WelcomeNetwork TypeCellularWiFi SettingFinish

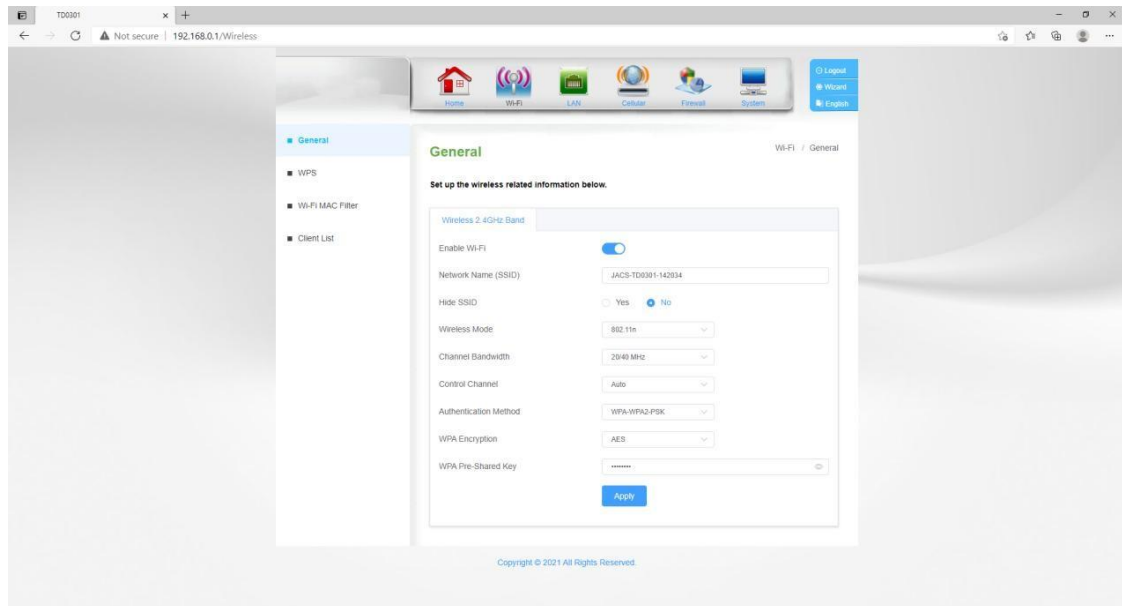
Congratulations! You have completed the basic parameter settings, please click "Finish" to save the parameters for the settings to take effect.

Finish

You can quickly set network type, parameters and Wi-Fi settings through the wizard function.

## ● Wi-Fi

### 1. General



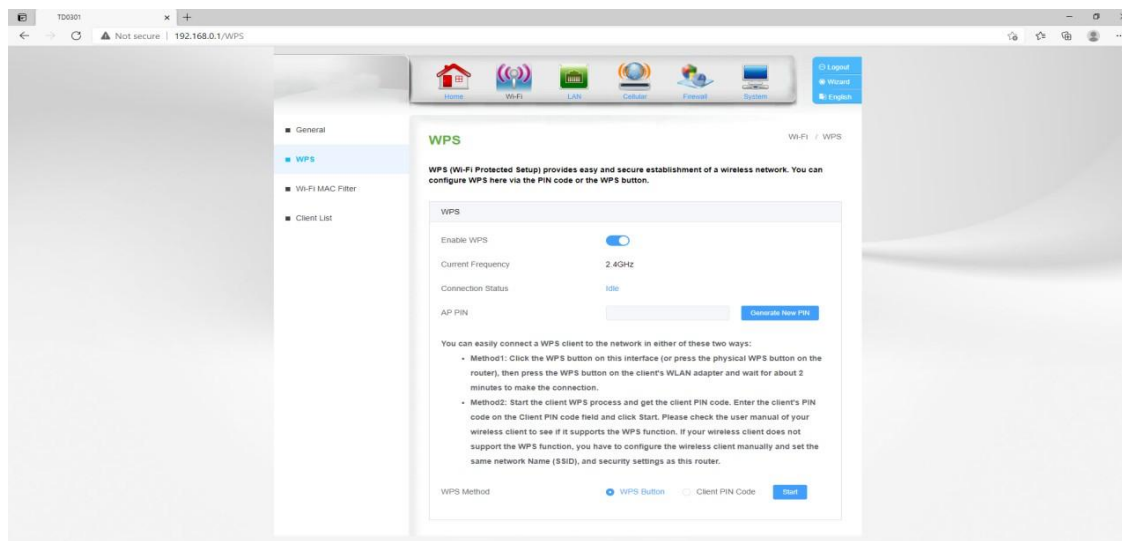
You can setup the Wi-Fi related information in this page,such as SSID, password, B/G/N mode,Channeland so on.

### 2. WPS

WPS (Wi-Fi Protected Setup) provides easy and secure establishment of a wireless network. You can configure WPS here via the PIN code or the WPS button,premise is your wireless card support WPS function.

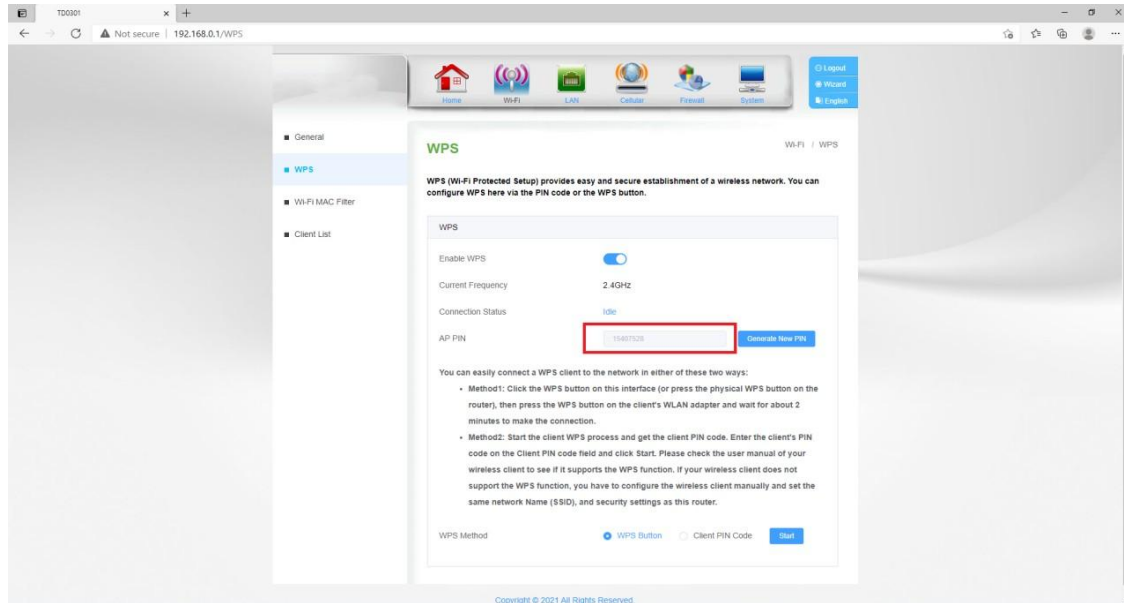
TD0301 supports three kinds of WPS authentication:**AP PIN**, **WPS Button**and **Client PIN Code**.

Default is **WPS Button**.



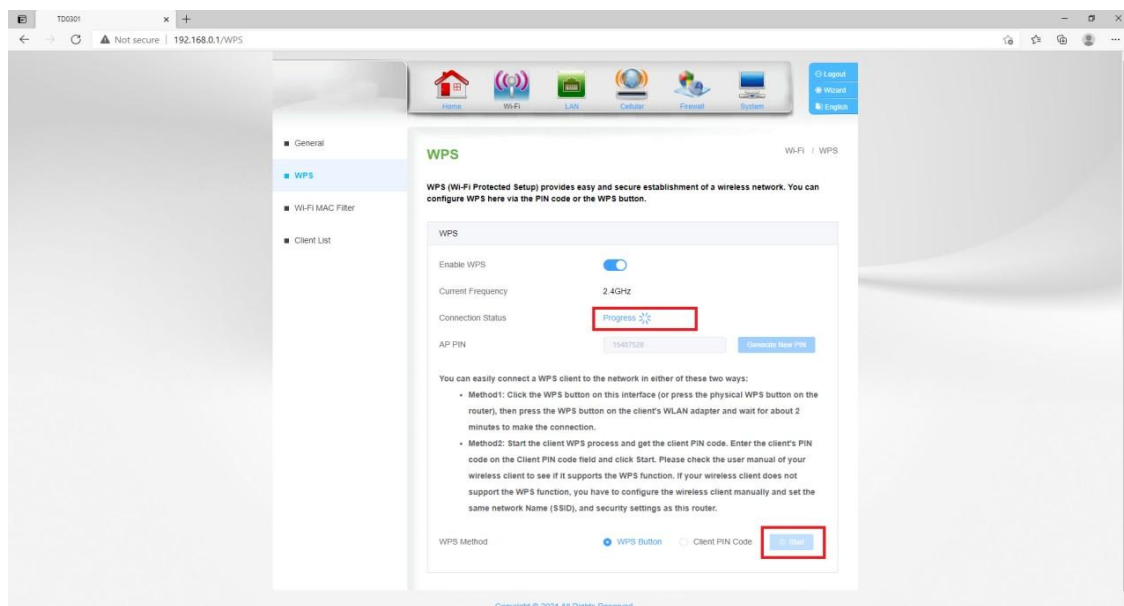
## ●AP PIN authentication:

You can click button “**Generate New PIN**” to get a PIN, then share it to your wireless client to connect TD0301.

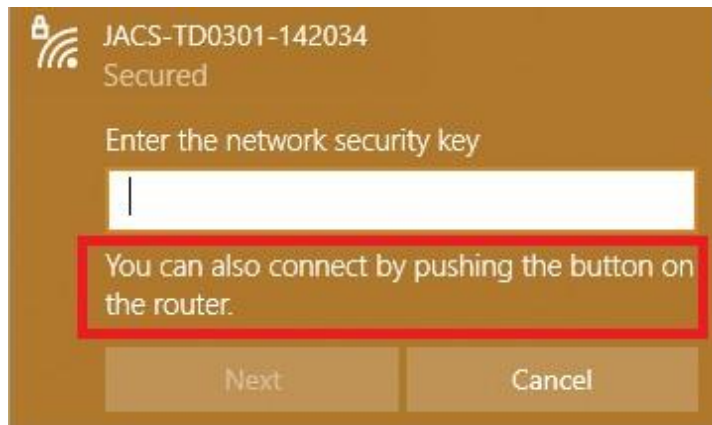


## ●WPS Button authentication:

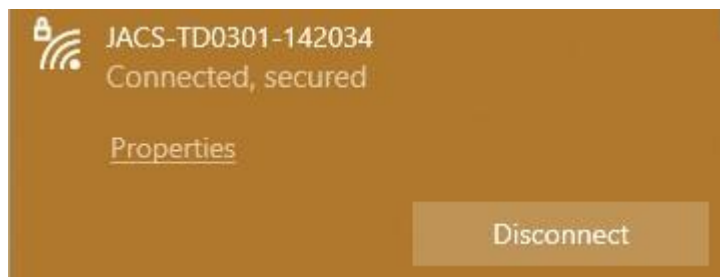
The first scenario: Please click the **WPS button** on this interface (or press the physical WPS button on the router), then press the WPS button on the wireless client and wait for about 2 minutes to make the connection.



The second scenario: When you find the SSID of the router (Win10 for example), it prompts as below:

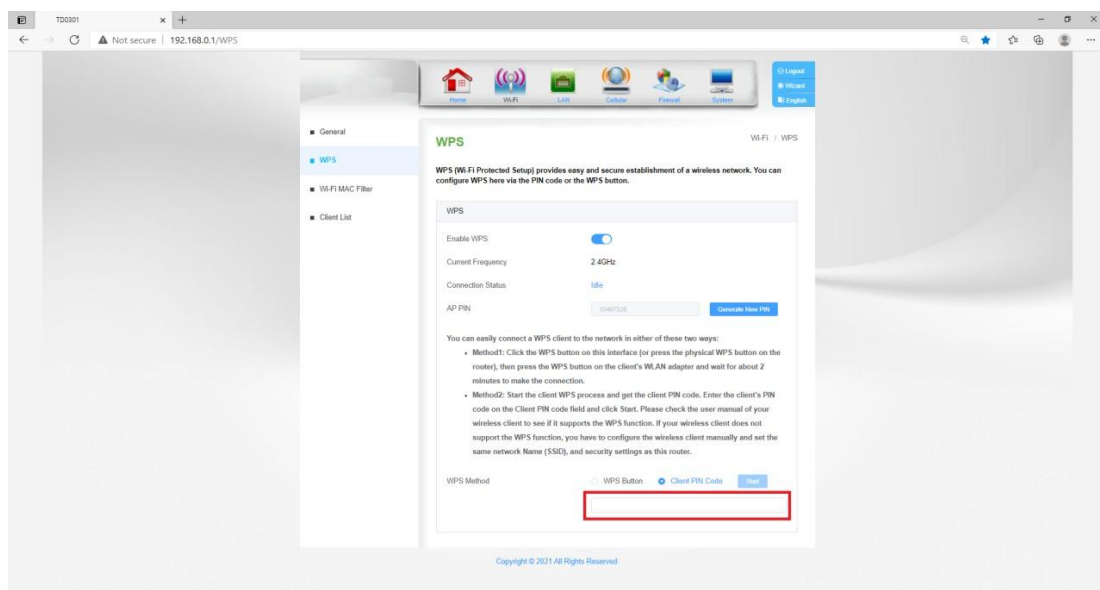


You can press the WPS button on the TD0301 until the Wi-Fi light flashes quickly, to activate the WPS, then you can see the connecting process.



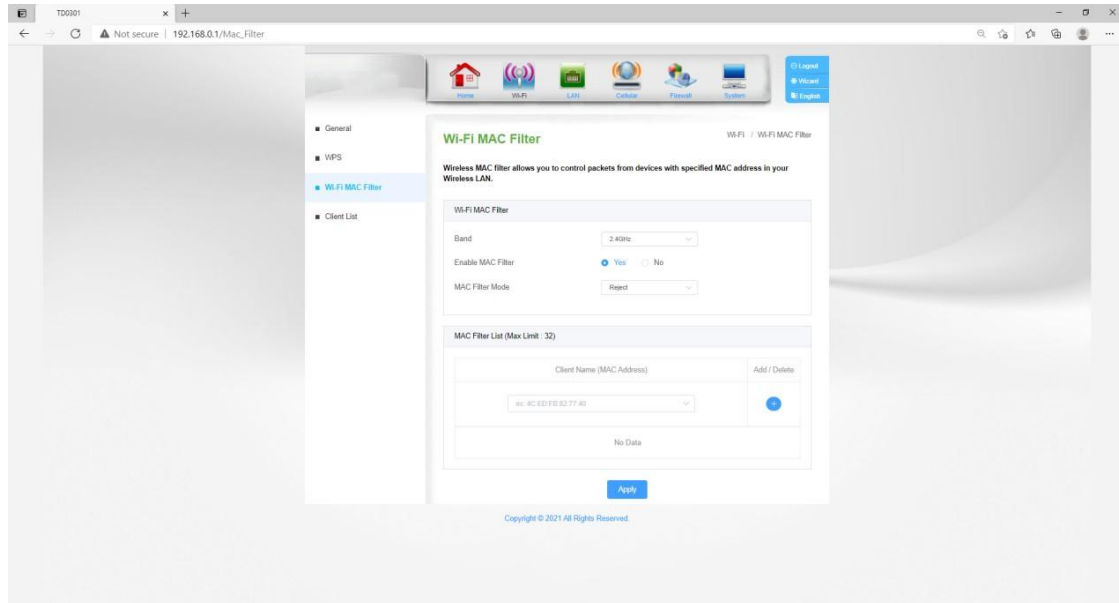
#### ● Client PIN Code:

Start the client WPS process and get the client PIN code. Enter the client's PIN code on the **Client PIN code** field and click **Start**. Please check the user manual of your wireless client to see if it supports the WPS function.



### 3. Wi-Fi MAC Filter

Wireless MAC filter allows you to control packets from devices with specified MAC address in your Wireless LAN.

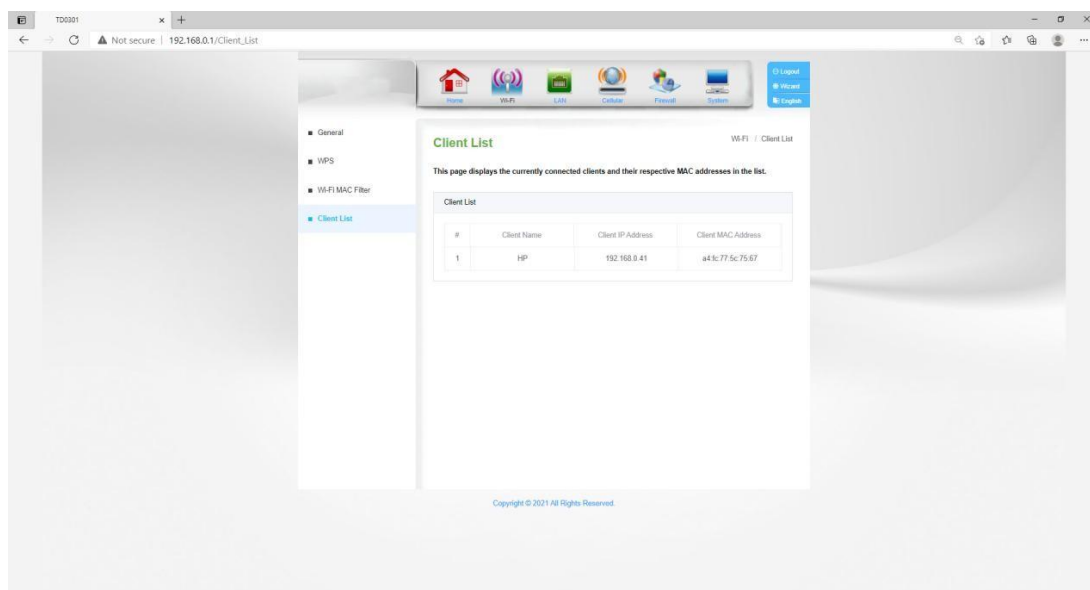


You can enable or disable this function on this page.

- **Accept Mode:** It only allows the devices in the list to connect to the router.
- **Reject Mode:** The devices which mac address in the filter list will be prohibited connect to the TD0301.

### 4. Client List

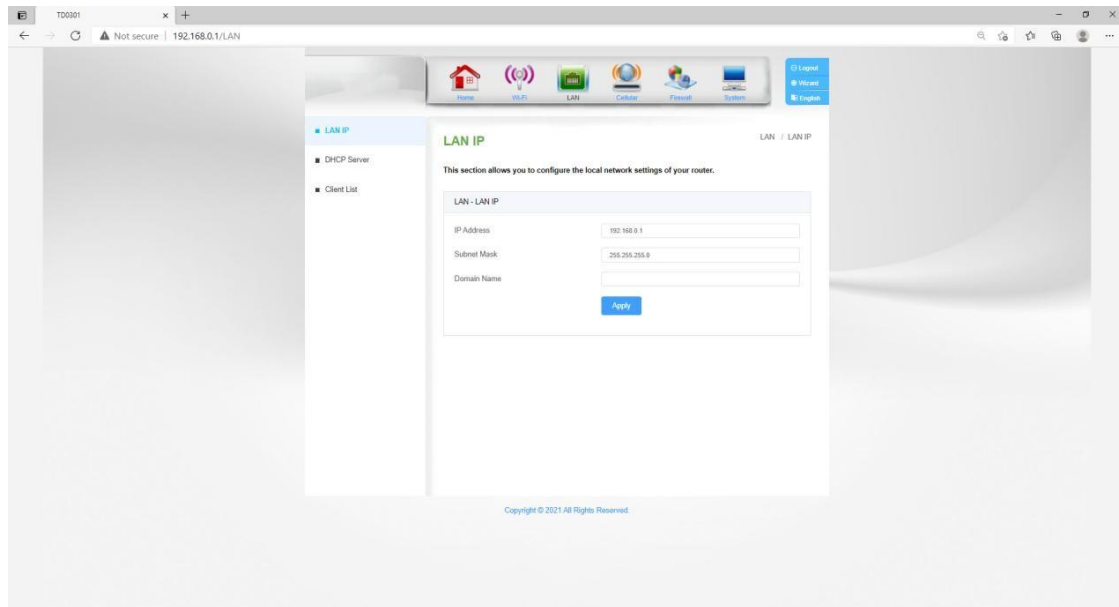
This page displays the currently connected clients and their respective MAC addresses in the list.



- LAN

## 1.LAN IP

This section allows you to configure the local network settings of your router.



- **IP Address:** The IP address of router.

- **Subnet Mask:** The subnet mask for router.

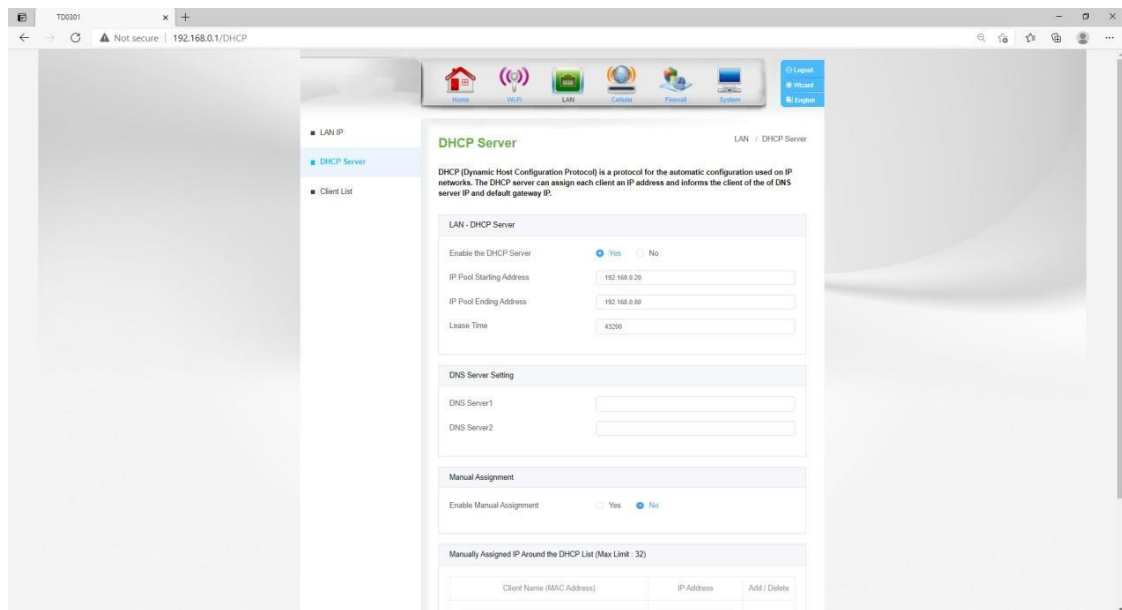
- **Domain Name:** You can specify a domain name for router to instead of IP address to login this management UI.

## 2.DHCP Server

**DHCP** (Dynamic Host Configuration Protocol) is a protocol for the automatic configuration used on IP networks. The DHCP server can assign each client an IP address and informs the client of the of DNS server IP and default gateway IP.

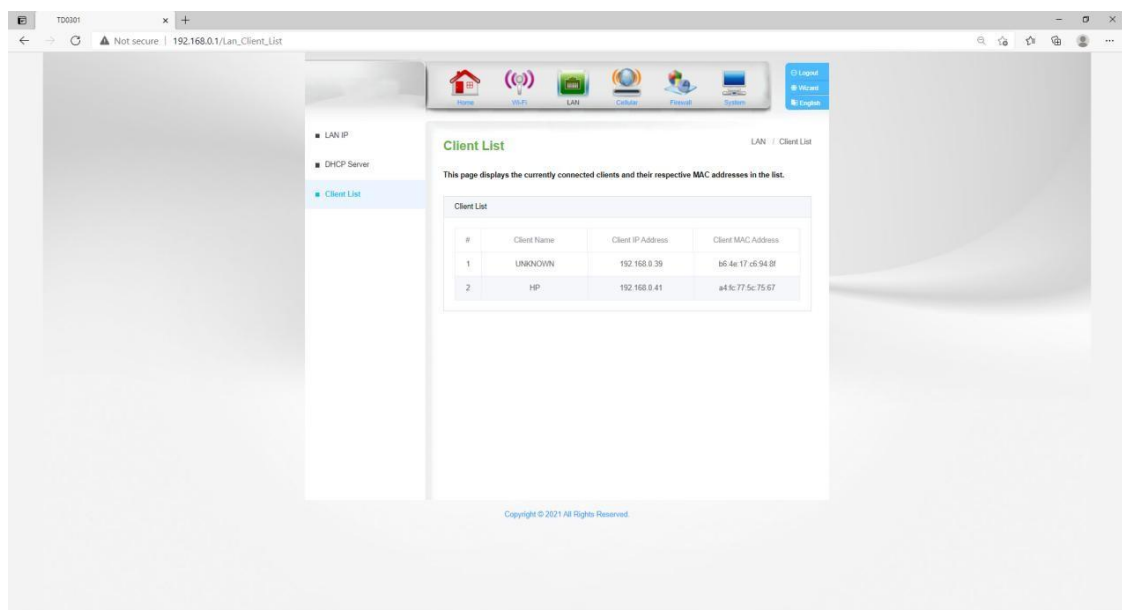
If this function is enabled, you can assign the range of IP pool and lease time for client, and the DNS server address.

You also can assign the IP address for client manually.



### 3. Client List

This page displays the currently connected clients and their respective MAC addresses in the list.

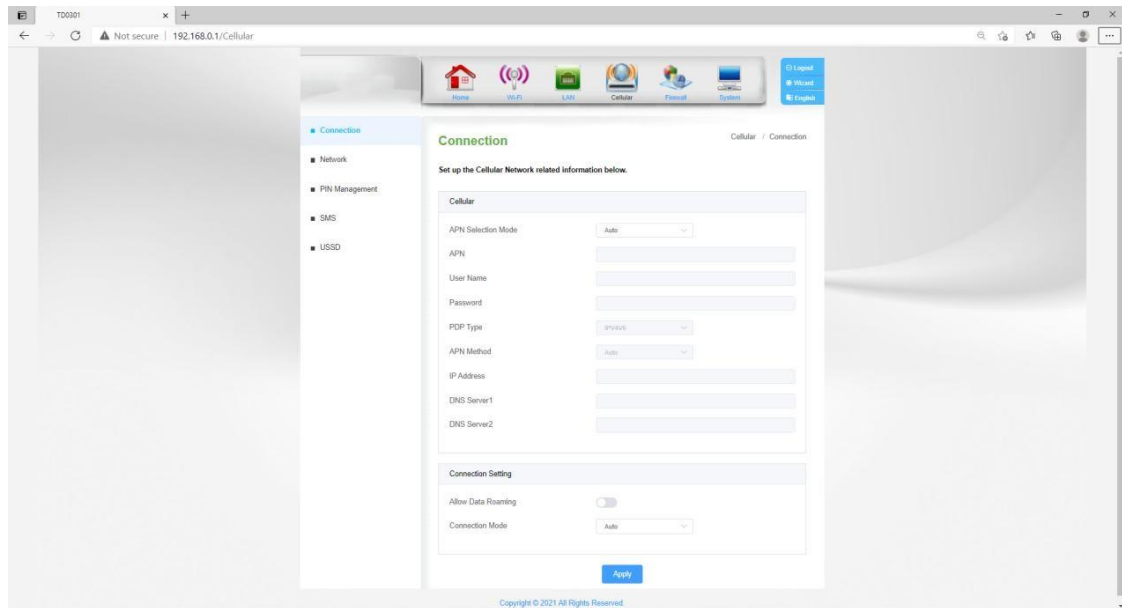


## ● Cellular

### 1.Connection

Set up the cellular network related information.





**Cellular:** You can customize the network configuration or manually add the new APN and set default APN.

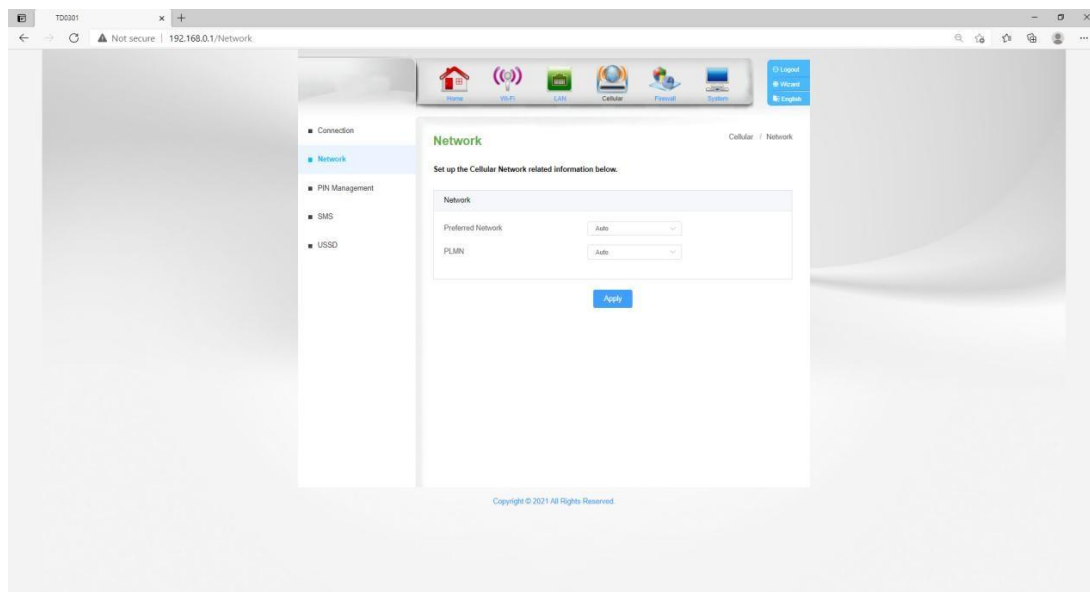
**ConnectionSetting:** You can set allow data roaming or not.

And you also can set **Connection Mode**.

- **AutoMode:** When you turn on TD0301 without additional operations, the device will connect to the network automatically.

- **Manual Mode:** You need to connect to the network manually after opening the TD0301 management page.

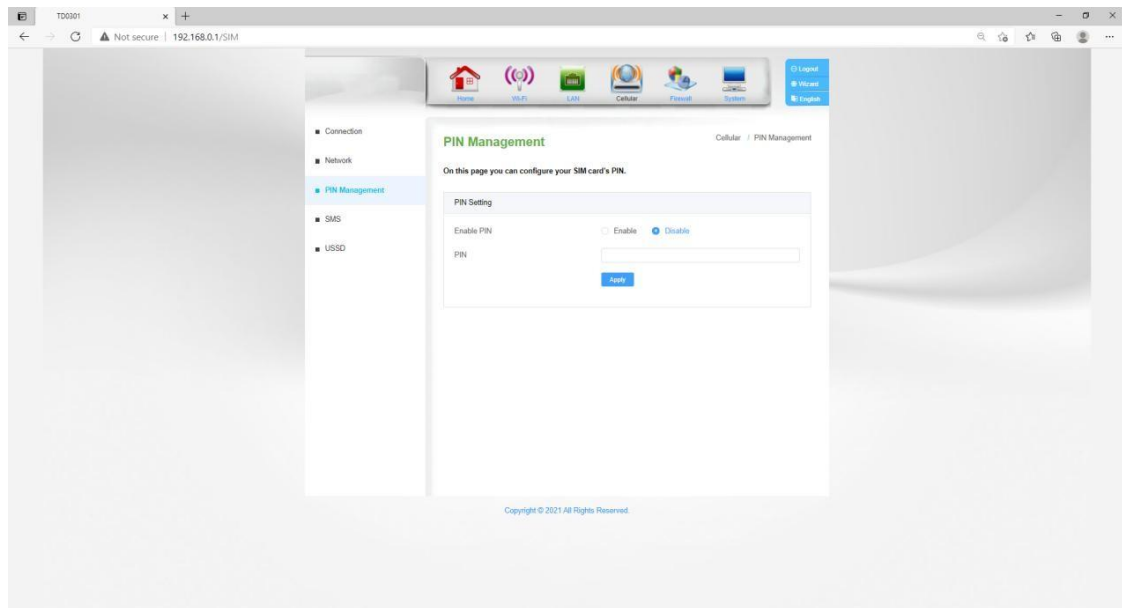
## 2. Network



- Preferred Network:** You can set preferred network on this page, the default is **Auto**, and other options are **GSM**, **WCDMA**, and **LTE**.

- PLMN:** Default is **Auto**. If you select **Manual**, you should click button **Search** to get available networks and choose one to register by manual.

### 3. PIN Management



When you enable the PIN function of your SIM card, if you reboot the device, you need to login management page, and the page will prompt you to enter the correct PIN code, then you can use the SIM card.

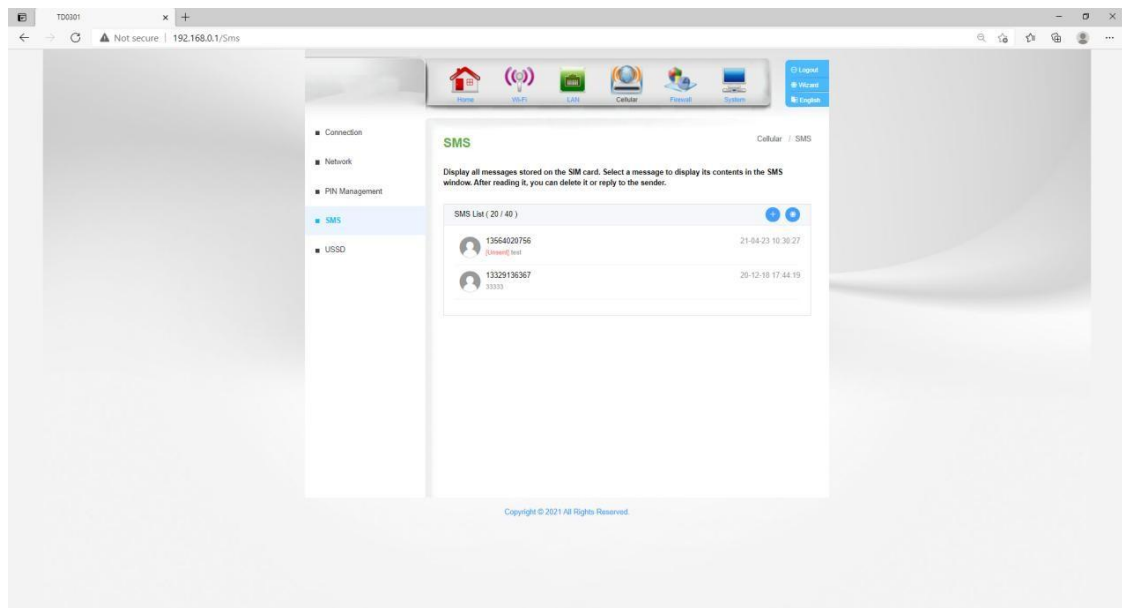
If you input wrong PIN code more than 3 times, it will prompt you to enter PUK code to unlock your SIM card.

PIN / PUK code supplied with the SIM card provided by your carrier, please consult your carrier.

**Attention: If you use the wrong PUK code to try more than 10 times, your SIM card will be blocked permanently.**

### 4. SMS

Display all messages stored on the SIM card. Select a message to display its contents in the SMS window. After reading it, you can delete it or reply to the sender.

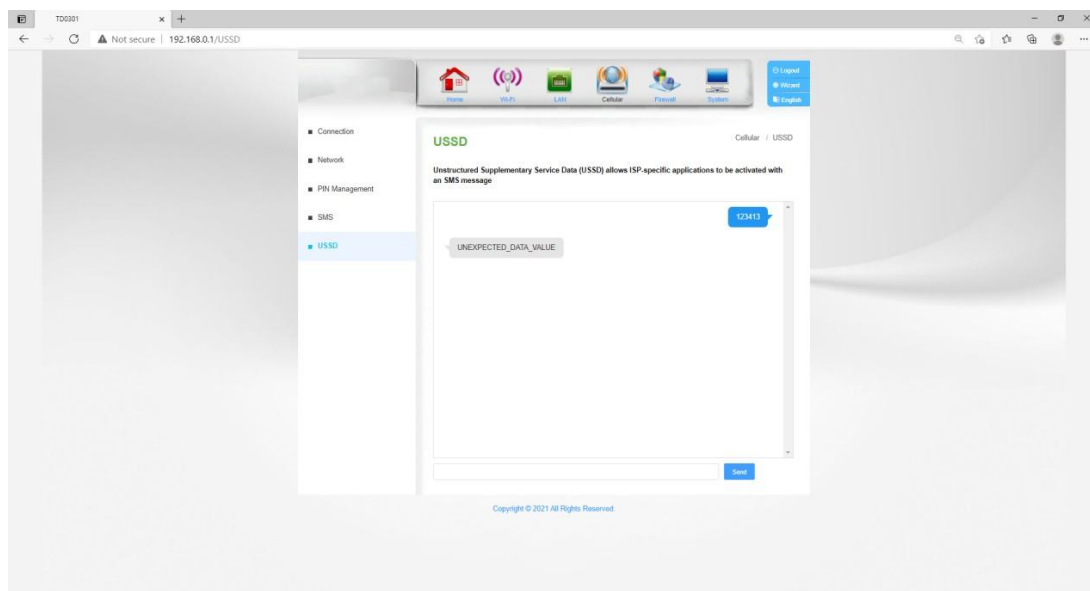


You can send to no more than 5 numbers and 10 text messages at same time, the phone number is separated by „,“.

Also you can setting the SMS center, storage location of messages, and so on.

## 5. USSD

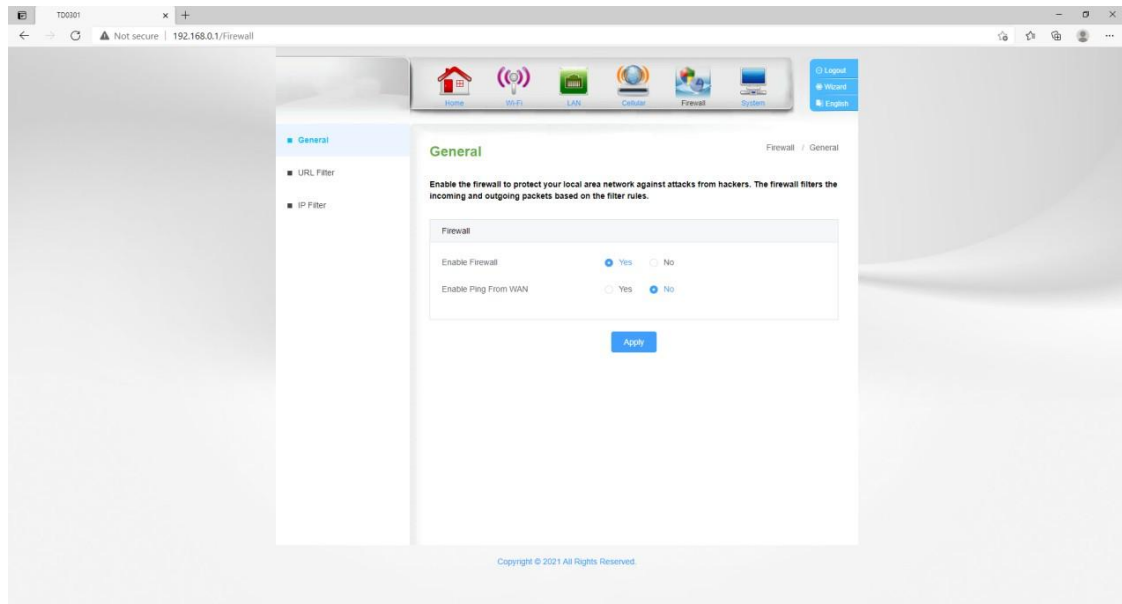
**Unstructured Supplementary Service Data (USSD)** allows ISP-specific applications to be activated with an SMS message



## ● Firewall

### 1.General

Enable the firewall to protect your local area network against attacks from hackers. The firewall filters the incoming and outgoing packets based on the filter rules.

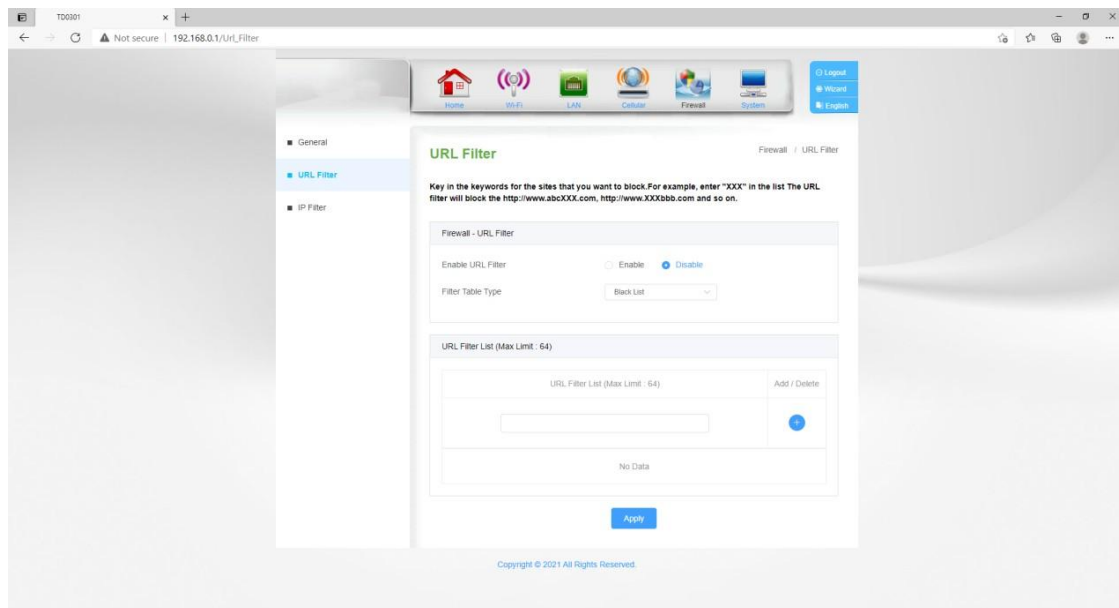


●**Enable Firewall:** You can enable or disable the firewall function. Default is disable. Also you can setting the matching packets rule to receive or reject.

●**Enable Ping From WAN:**Enable or disable ping function for WAN. Default is disable.

### 2. URL Filter

Key in the keywords for the sites that you want to block. For example, enter "XXX" in the list The URL filter will block the <http://www.abcXXX.com>, <http://www.XXXbbb.com> and so on.



### 3.IP Filter

IP Filter blocks the LAN to WAN packet exchanges and restricts devices from using specific network services.

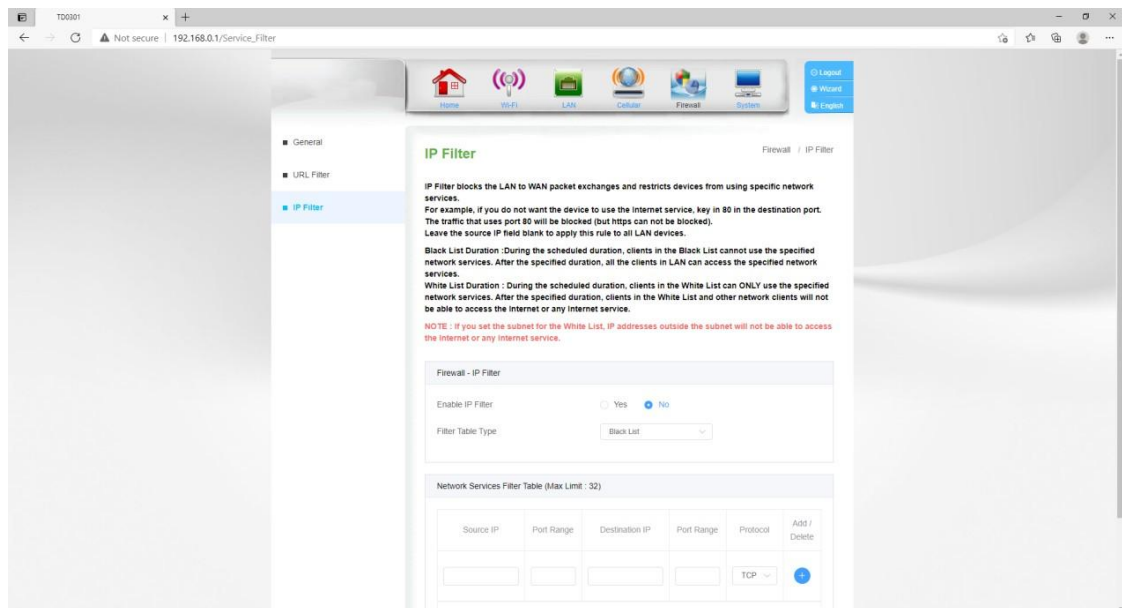
For example, if you do not want the device to use the Internet service, key in 80 in the destination port. The traffic that uses port 80 will be blocked (but https cannot be blocked).

Leave the source IP field blank to apply this rule to all LAN devices.

**Black List Duration:** During the scheduled duration, clients in the Black List cannot use the specified network services. After the specified duration, all the clients in LAN can access the specified network services.

**White List Duration:** During the scheduled duration, clients in the White List can ONLY use the specified network services. After the specified duration, clients in the White List and other network clients will not be able to access the Internet or any Internet service.

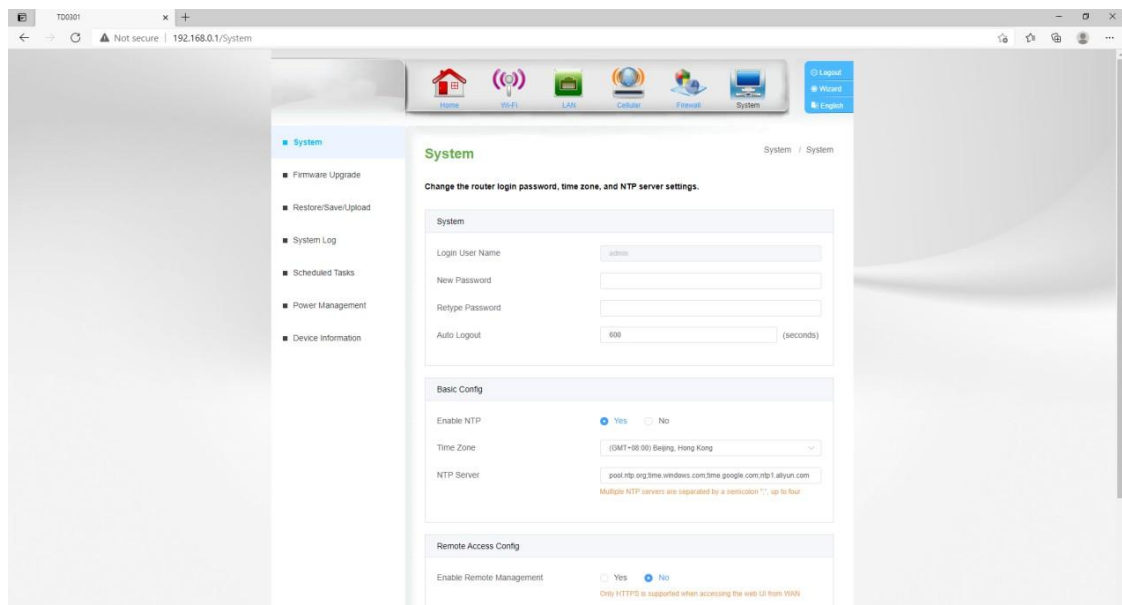
**NOTE:** If you set the subnet for the White List, IP addresses outside the subnet will not be able to access the Internet or any Internet service.



## ● System

### 1.System

Change the router login password, time zone, and NTP server settings.



●**System:** You can modify the login password for administrator interface. Also you can setting the time to logout the UI automatically.

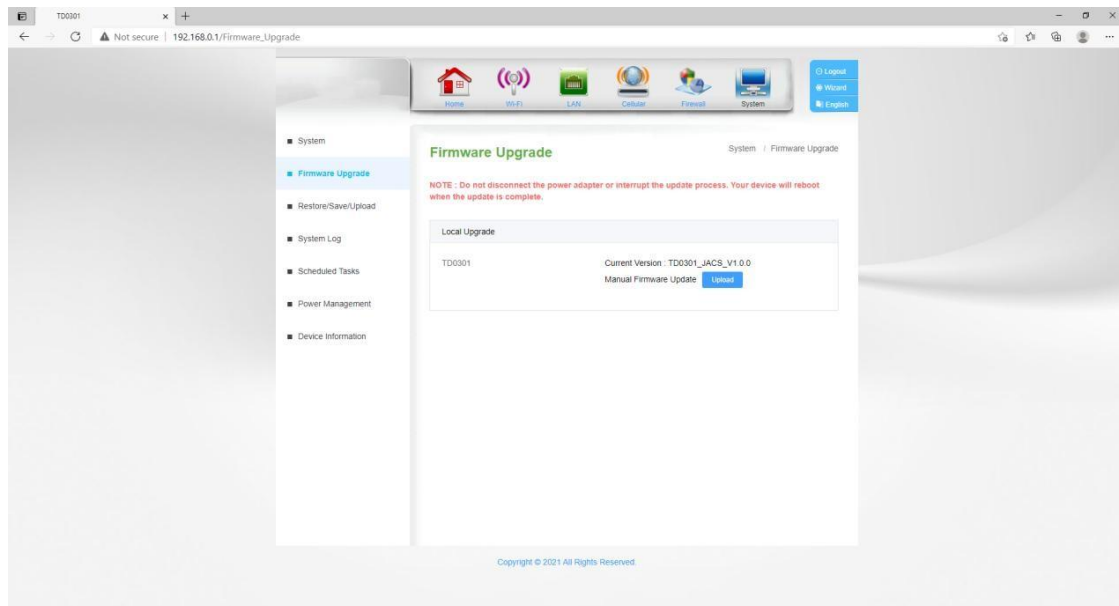
●**Basic Config:** Config time zone and NTP server.

●**Remote Access Config:** Enable or disable remote access, and set IP address, port.

## 2. Firmware Upgrade

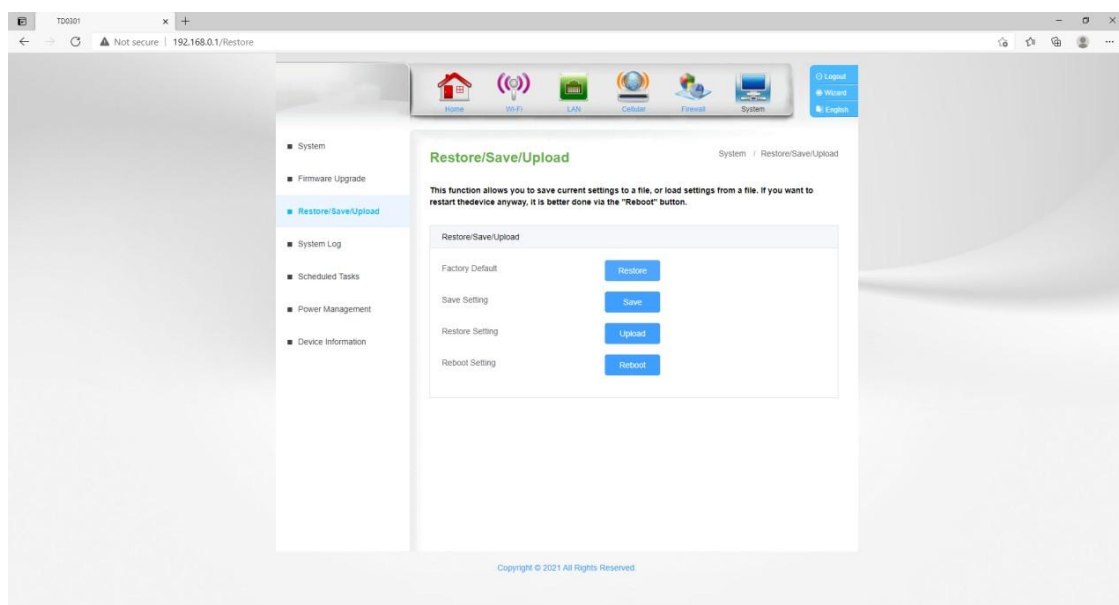
You can upgrade the firmware on this page. Click “**Upload**” button to get the file which extension name is “bin” file to upgrade.

**NOTE:** Do not disconnect the power adapter or interrupt the update process. Your device will reboot when the update is complete.



## 3. Restore/Save/Upload

This function allows you to save current settings to a file, or load settings from a file. If you want to restart the device anyway, it is better done via the "Reboot" button.



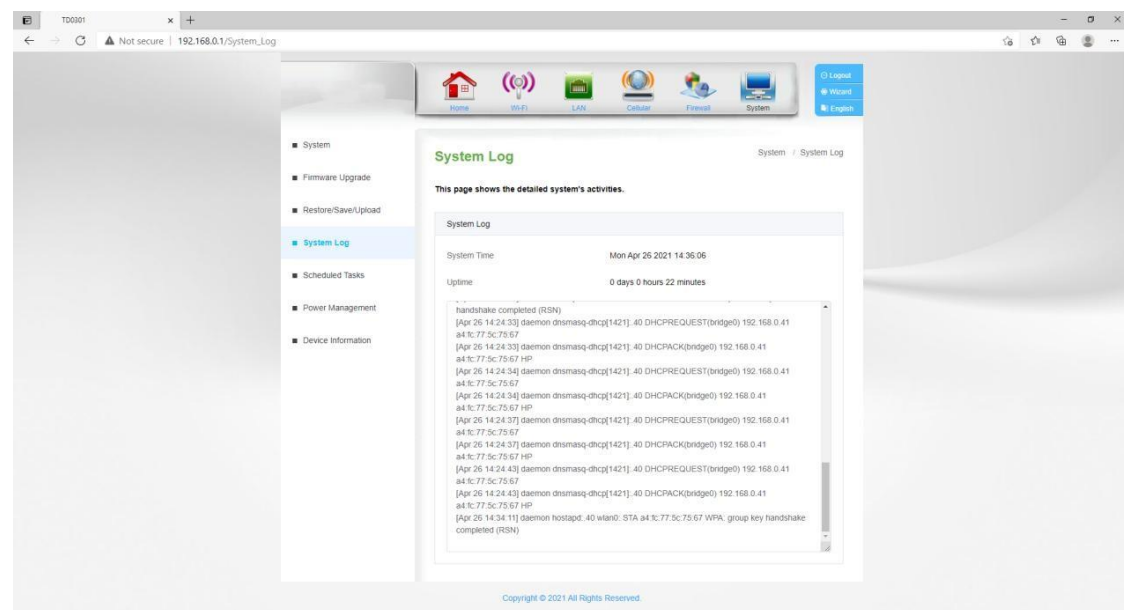
●**Factory Default:** Restore the factory settings, all the personal configuration will be deleted, all

configuration pages will be restored to the factory defaults.

- **Save Setting:** Save the current settings to a file.
- **Restore Setting:** Restore the settings from a file.
- **Reboot Setting:** Restart router.

## 4. System Log

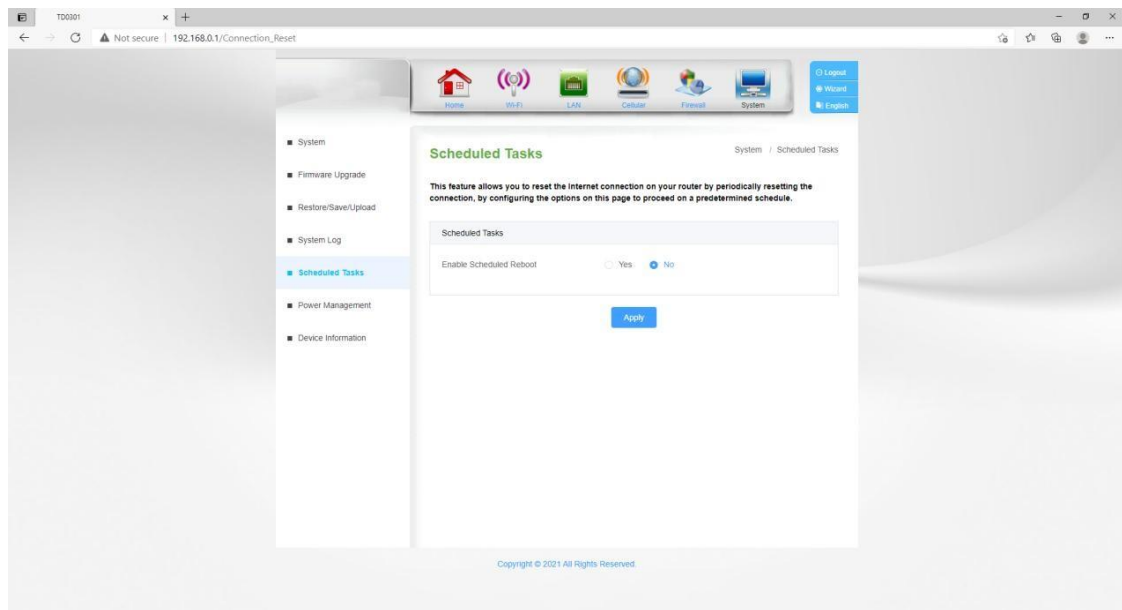
This page shows the detailed system's activities.



## 5. Scheduled Tasks

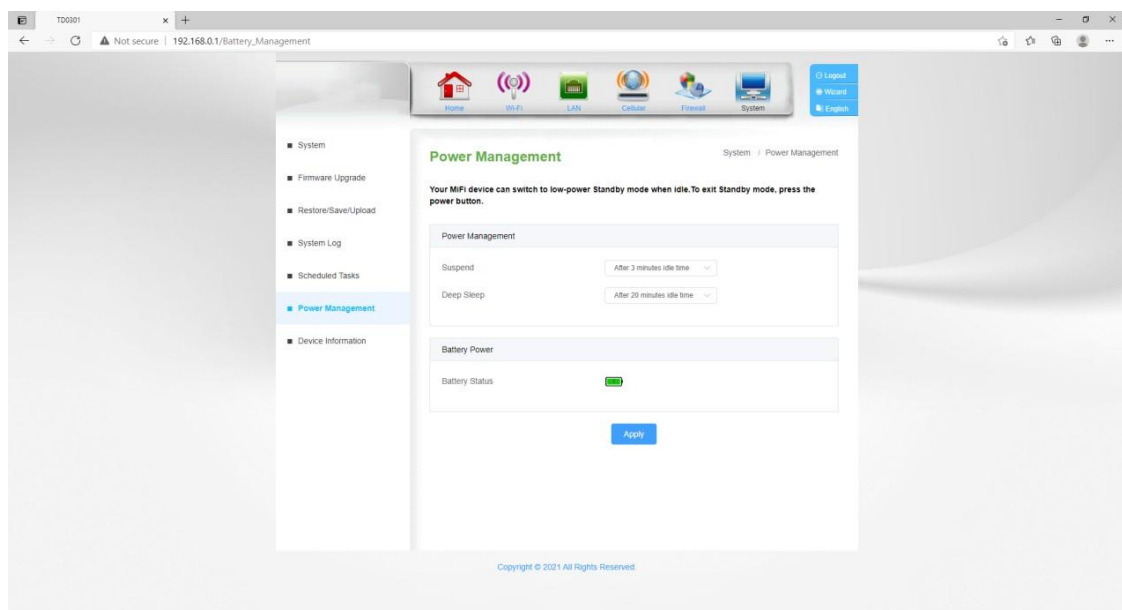
This feature allows you to reset the Internet connection on your router by periodically resetting the connection, by configuring the options on this page to proceed on a predetermined schedule.





## 6.Power Management

Your MiFi device can switch to low-power Standby mode when idle. To exit Standby mode, press the power button.



### Power Management

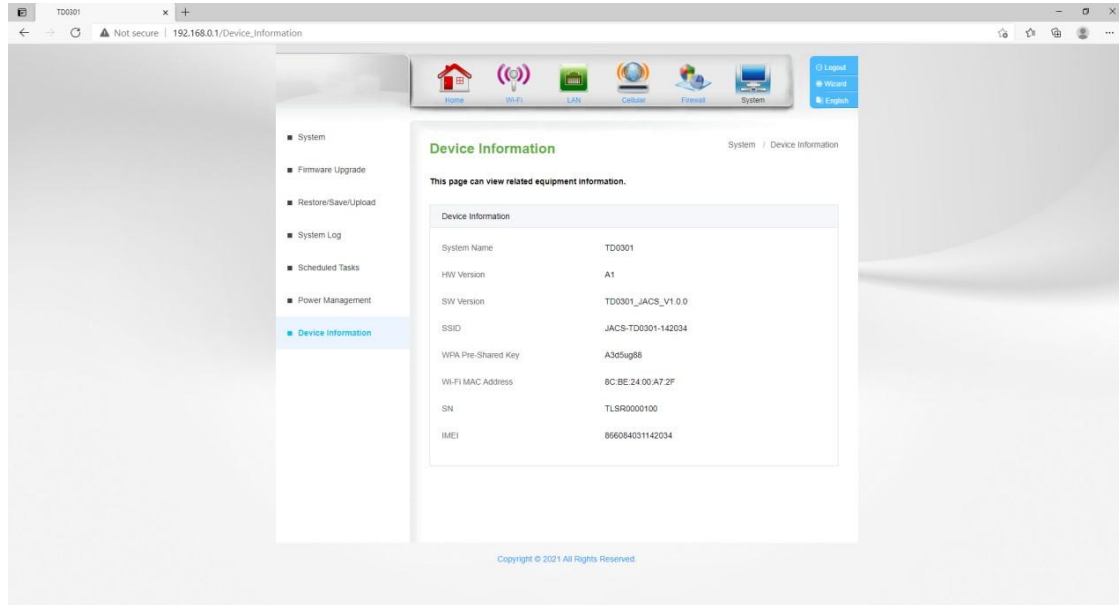
- **Suspend:** Set the time to enter into standby mode, when there is no Wi-Fi client connected to router. “Never” is disable this function.
- **Deep Sleep:** Set the time to enter into deep sleep mode, when there is no Internet access and no Wi-Fi client connected to this device. “Never” is disable this function.

### Battery Power

- **Battery Status:** Indicate the battery status.

## 7. Device Information

This page can view related equipment information.



### Warning

·Please only use original accessories provided with purchase. Use of unauthorized chargers or other accessories may cause damage to the device and can result in fire, explosions, or other hazards.

·Please keep the device in a dry and cool environment and do not let the device come into contact with water. Extreme high or low-temperatures may cause damage to the device.

·Please do not expose the device to high temperature environments or heating, such as strong sunlight, heaters, microwaves, ovens, or water-heaters etc.

An overheated battery might cause explosion.

·When charging is complete or the device is fully charged, please disconnect the

charger from the device and unplug the charger from the power outlet.

·The built-in battery is non-removable. Please do not attempt to change or disassemble the battery by yourself. This may result in damage to the battery or the device. The battery can only be replaced by an official authorized service provider.

- Notice: Using the wrong model of battery may result in an explosion. Please make sure to dispose of used batteries as instructed.
- Device Working Temperature: The device should be kept at a working temperature of 0°C to 35°C. For the user's safety, please avoid using the device in a high-temperature environment for long periods of time, as this leads a shorter device lifetime. The device will stop charging automatically when the battery temperature reaches 45°C, and shut down automatically when battery temperature is more than 55°C.
- We are only responsible for the function of the device' s official operating system and update system. The use of any other systems or software from unofficial third parties might cause security risks.

### **FCC Statement**

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

### **FCC Radiation Exposure Statement**

- This device complies with FCC SAR exposure limits set forth for an uncontrolled environment. SAR compliance for using the equipment in close proximity to the human body has been evaluated at 5mm. This equipment must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.
- 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.