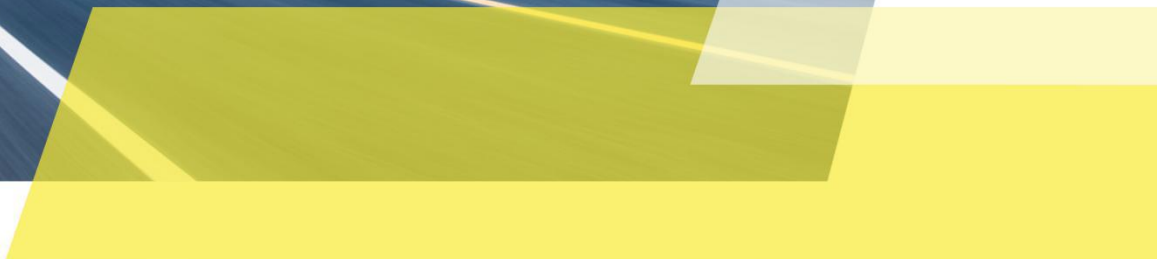# Portal Authentication Configuration Sample

Background

In a public environment, such as hotel, shopping mall and park, a strong and stable wireless network is simply an expectation. Captive portal authentication is very popular among public environment such as cafe, shopping mall and hotel, it will display an advertisement page when customers connect to Wi-Fi signal so they will get latest promote information or voucher. Now, Wi-Tek provide a seamless Wi-Fi Solutions to build the reliable, cost-effective and business valuable wireless networks that meet the requirement of guests and increase user satisfaction.

This article will introduce how to configure the portal authentication.

One Key Auth

This authentication method does not need login account to get internet access, customers scan the Wi-Fi signal on phone, laptop or tablet, click on connect, the advertisement page will appear for a certain while, click on login, it will guide you to the URL as your definition, then customers will enjoy the fun from Internet.
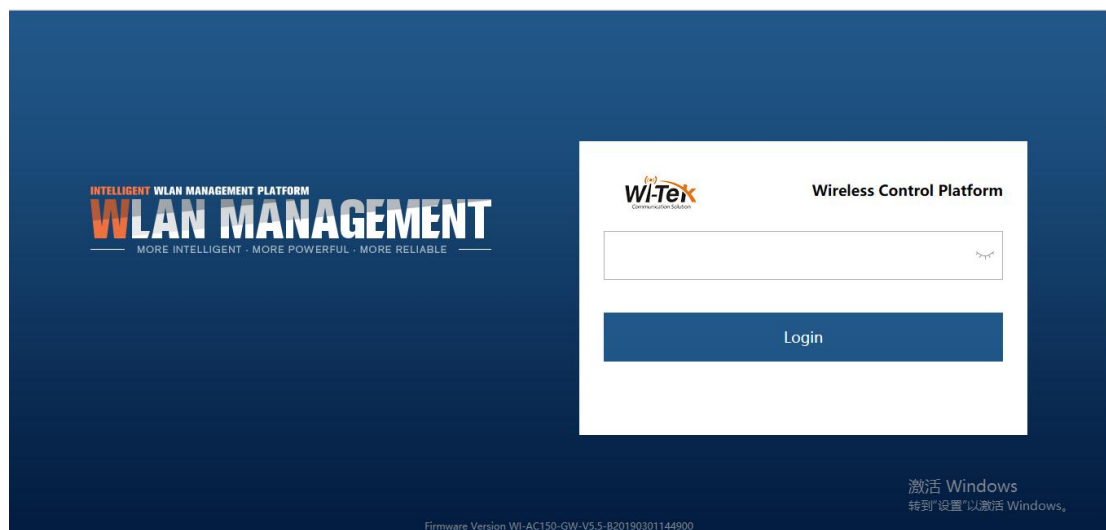
● Application Scenario
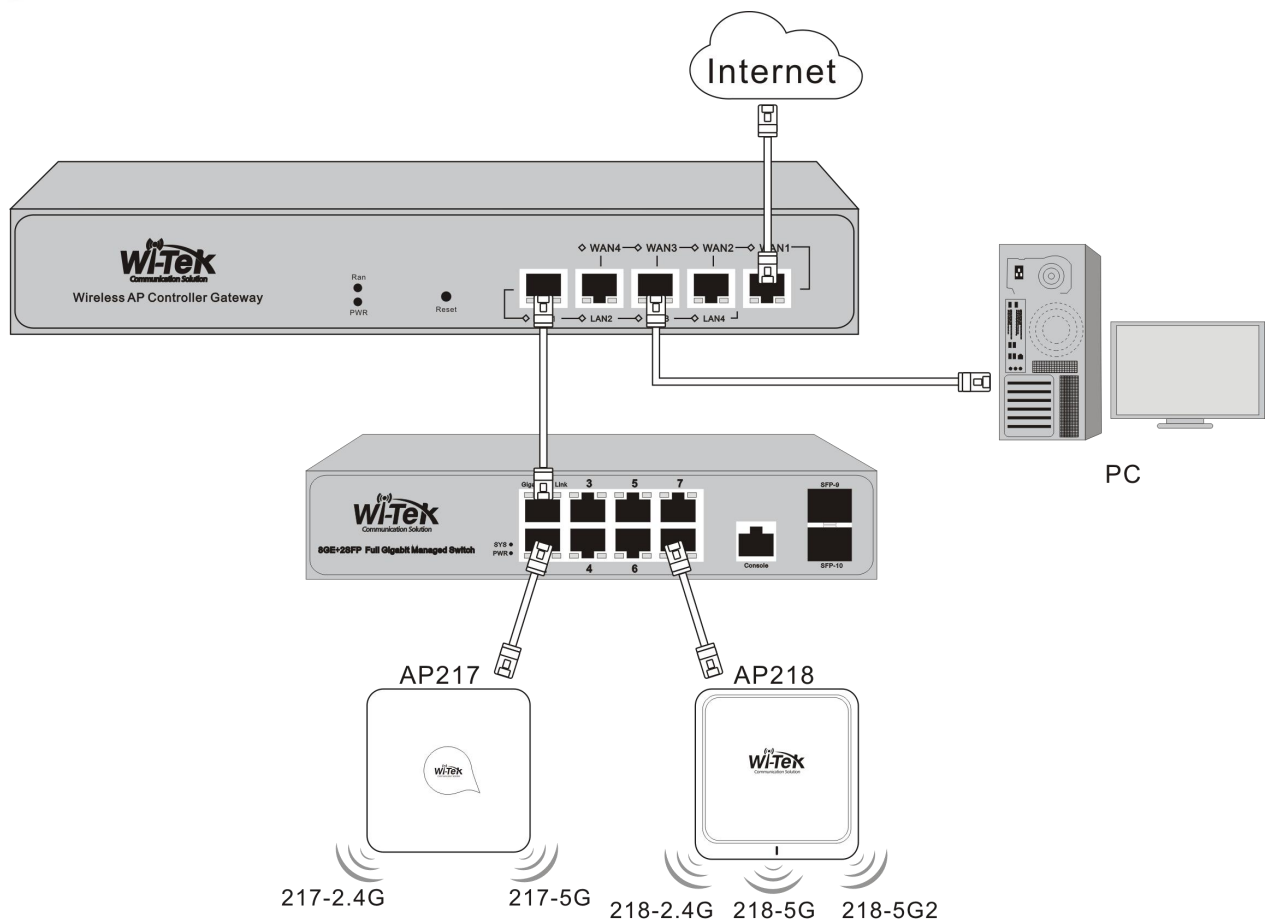
Note: There are two connection type on the AC controller refer to different scenario.

1. Internet/Router connect to LAN port of AC: Sometimes, in SMB scenario, internet environment has already established, in order to simplify the network environment, we connect router to LAN port of AC directly, under this circumstance, only the AC function is available, AC controller can only manage the AP devices such as SSID, password, channel, Tx power.
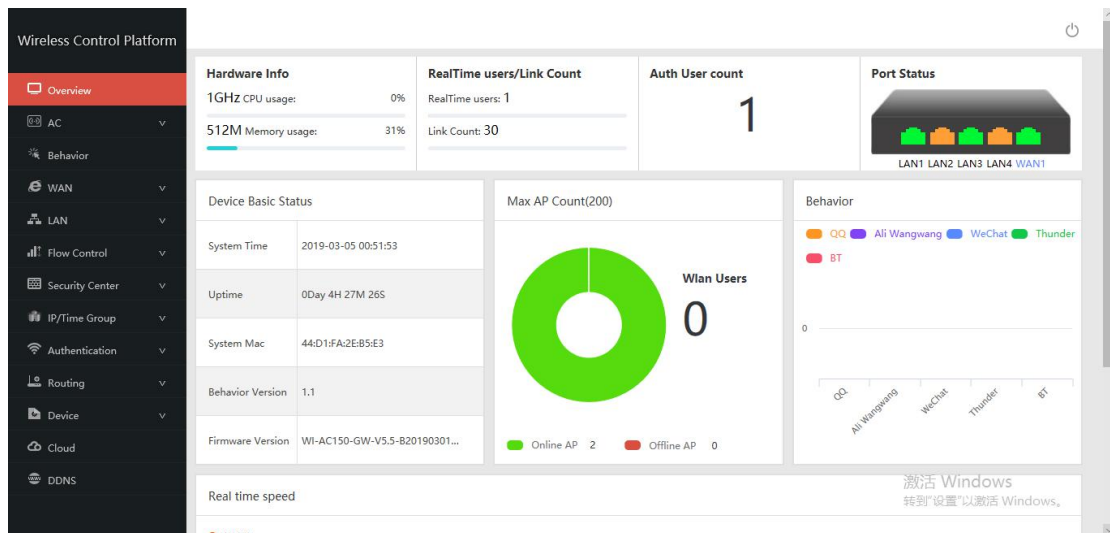
2. Internet/Router connect to WAN port of AC: The internet environment is simplified or there's no gateway/router, need more function on AC controller, such as portal authentication, access control, flow control, routing.

In this article, we need to configure portal authentication, so the Internet should connect to the WAN port of AC controller.
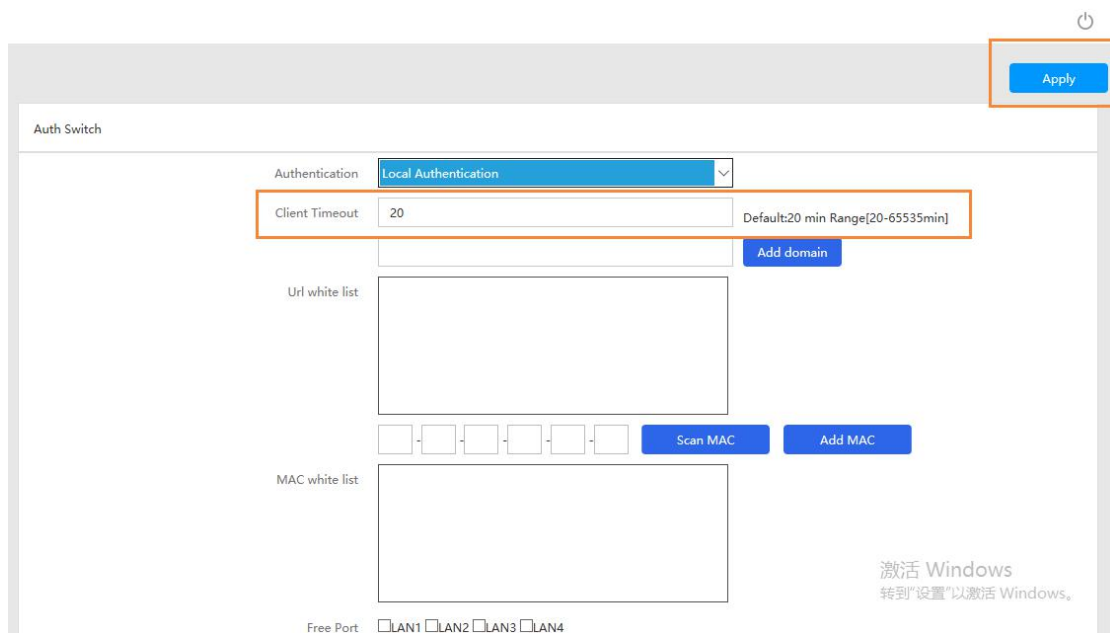
Step 1. On PC, please launch a browser, such as Google Chrome, Firefox, type 192.168.10.1 into address bar, press enter, Wi-Tek management page will pop up.
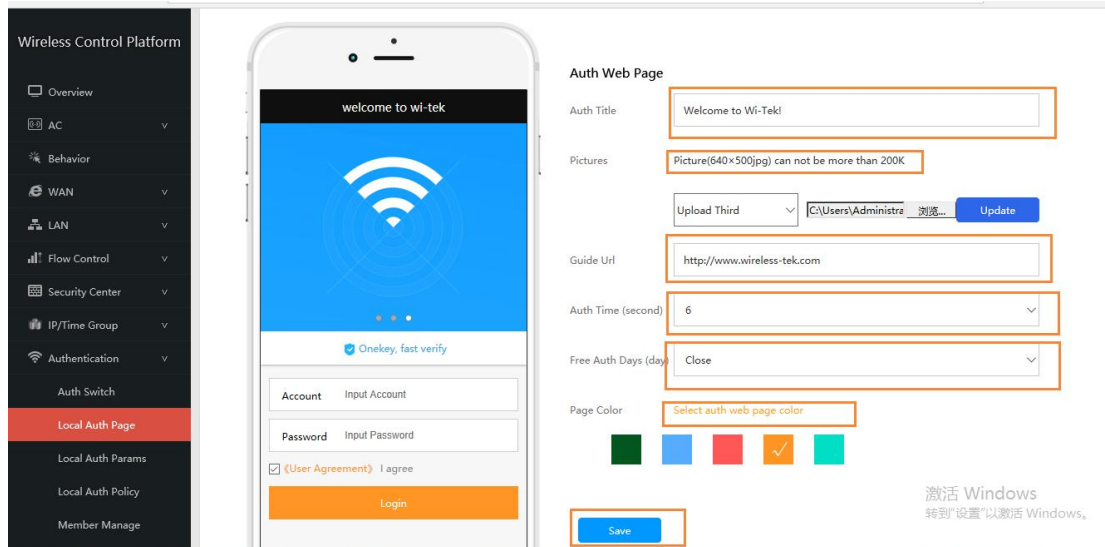

The default password is admin, after type in login password, click on **[Login]**, you will get in Wi-Tek management page.

Step 2. On the left side column, please go to **[Authentication]-[Auth Switch]**, please enable authentication, select **[Local Authentication]**. If you don't need definite the white list for URL or access devices, just skip it and leave them empty. Set up the client timeout interval, then click on **[Apply].**

Step 3. On the left side, please go to **[Local Auth Page]** to customize your advertisement page.

Auth Title: Customize the tile of the advertisement page.

Picture: Upload the advertisement picture for promotion or introduction.

Note: Picture(640×500jpg) can not be more than 200K

Guide URL: After authentication, it will guide customers to a website, you can type into your official website or Facebook page.

Auth Time: It determines how long will the advertisement page lasts.

Free Auth Day: Host can definite which day doesn't need to be authenticated.
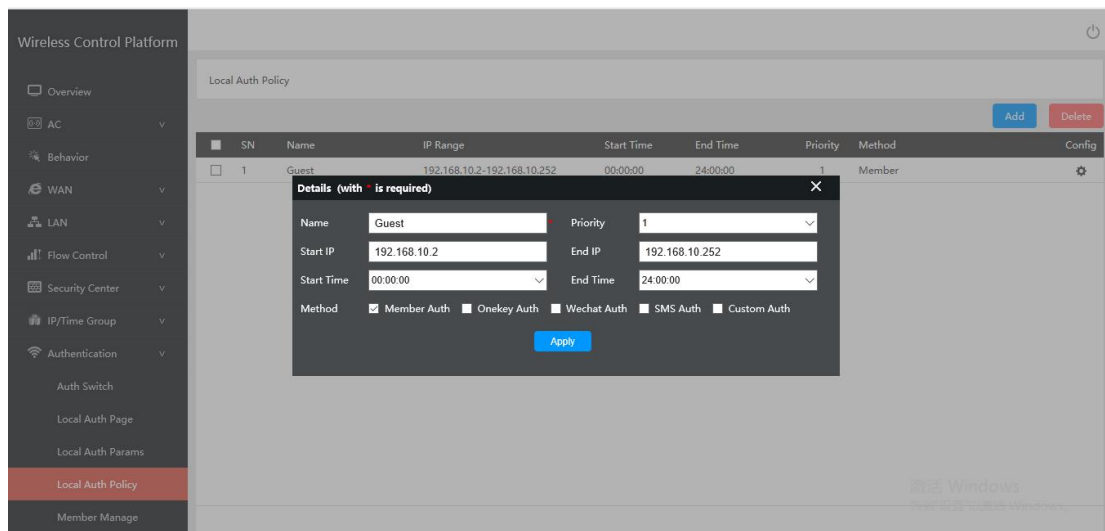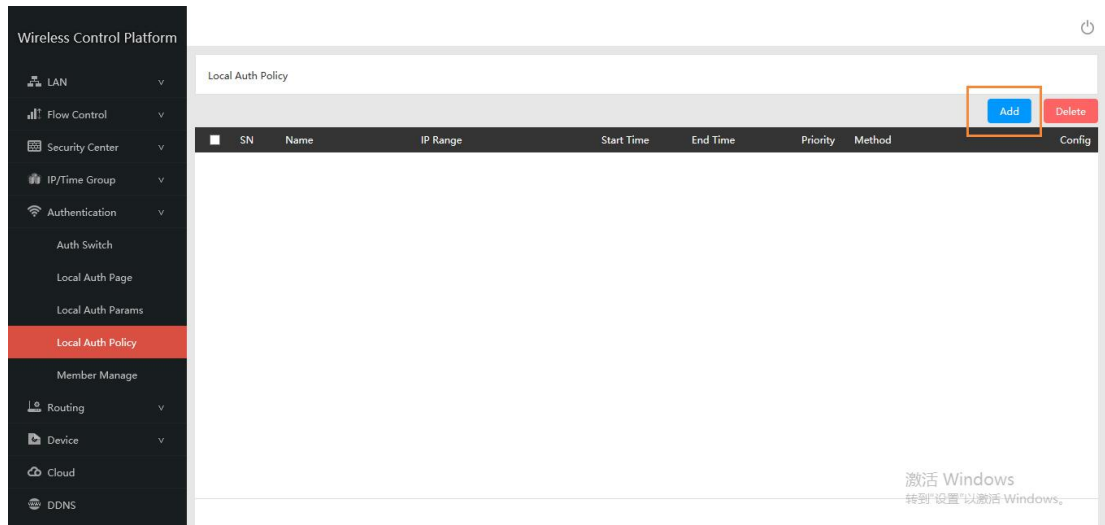
Page Color: Customize a page color.

After setup all the information, please click on **[Save]**.

Step 4. On the left side menu, please go to **[Local Auth Params]** to select the authentication type-**[Onekey Auth].** Enable the status, then click on **[Apply]**.
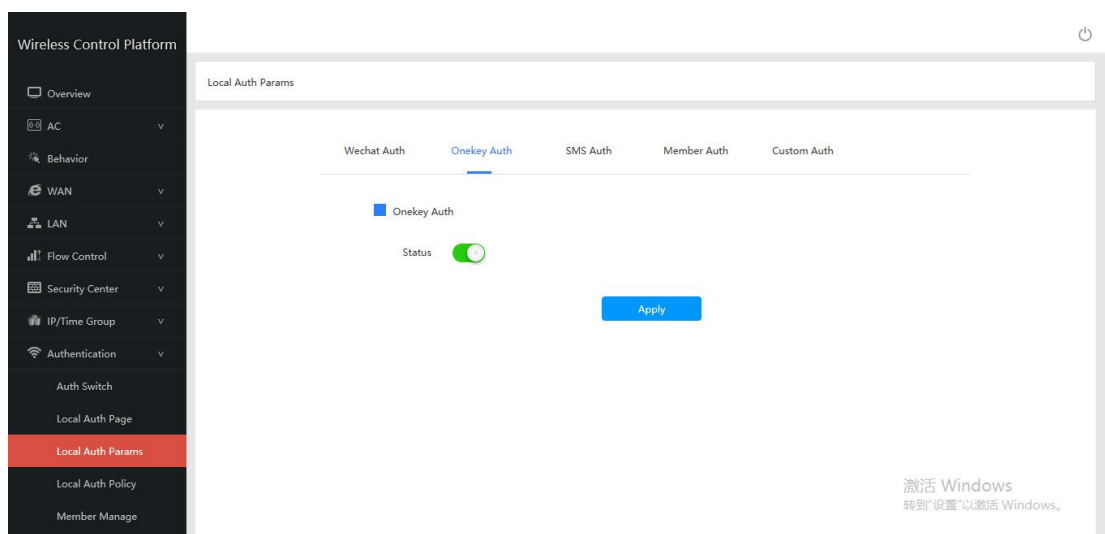
Step 5. On the left side menu, please go to **[Local Auth Policy]** to definite the

authentication policy. Click on **[Add]** to add a policy.

Please name the group who need to be authenticated, setup the priority of this authentication type, if there's no other authentication type configured, fill in 1.
Start IP-End IP: Assigned IP address of the devices which connected to the Wi-Fi signal from AP.
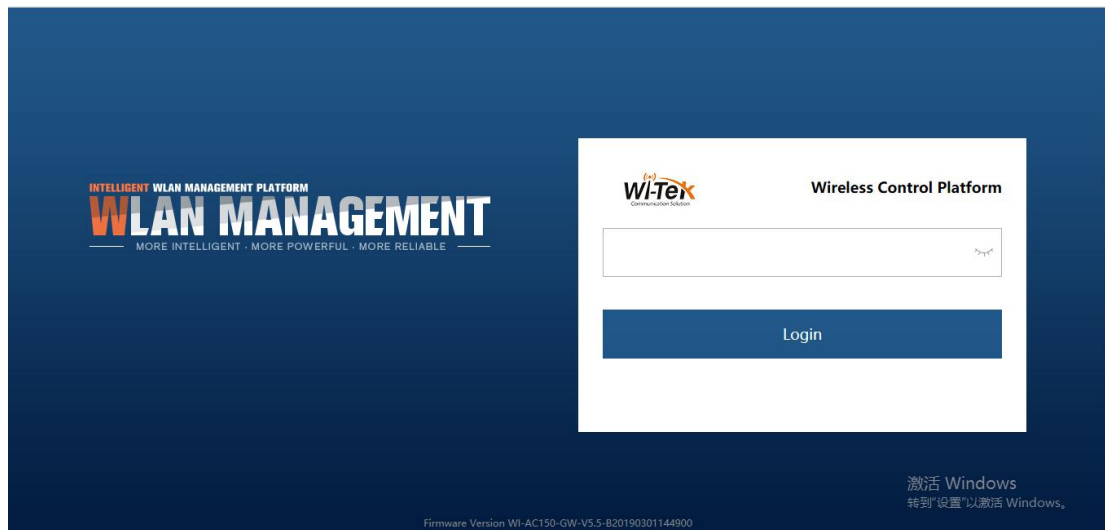**Method**: Please select Onekey Auth.

Please click on **[Apply]**. All the one key authentication configuration step done.
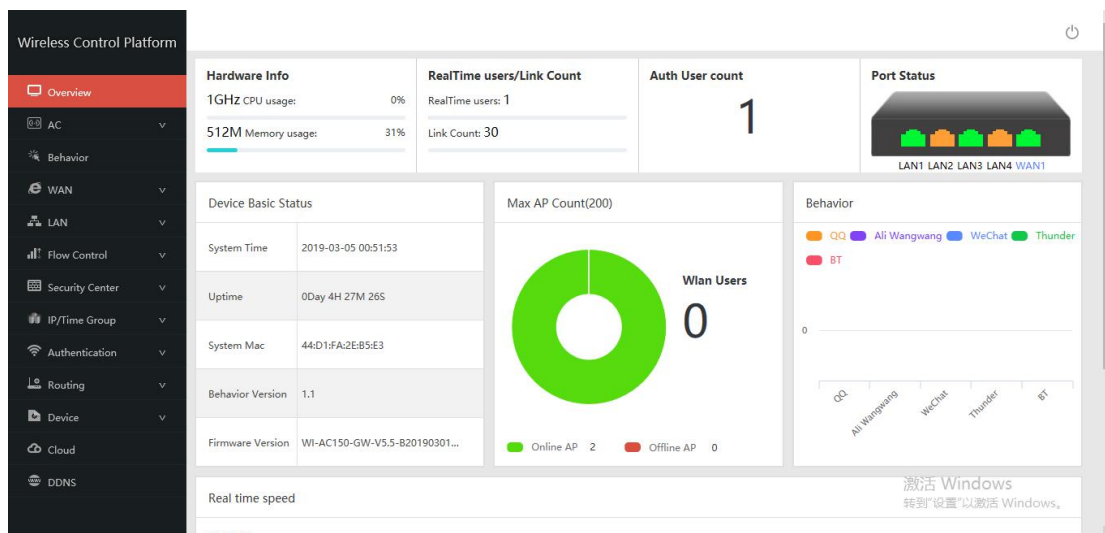
Member Auth

In some hotel application, in order to build a safer internet environment, hotel always refer to provide more complex authentication method, such as each

room has one login account for Wi-Fi access. How to achieve this requirement with Wi-Tek AC controller? The following article will guide you through the configuration.
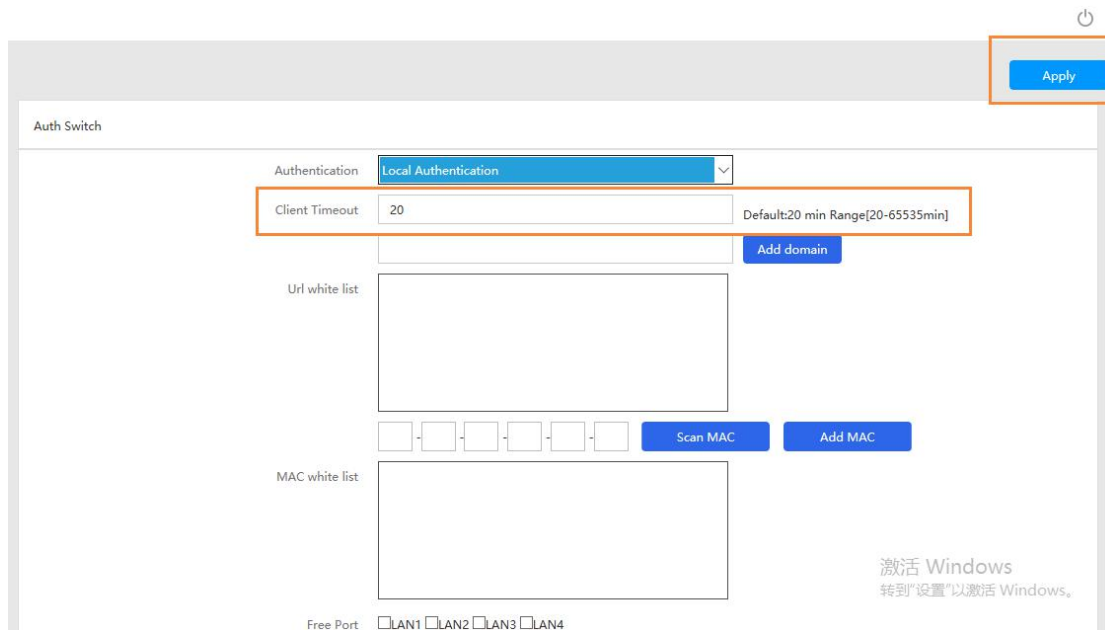
Step 1. On PC, please launch a browser, such as Google Chrome, Firefox, type 192.168.10.1 into address bar, press enter, Wi-Tek management page will pop up.
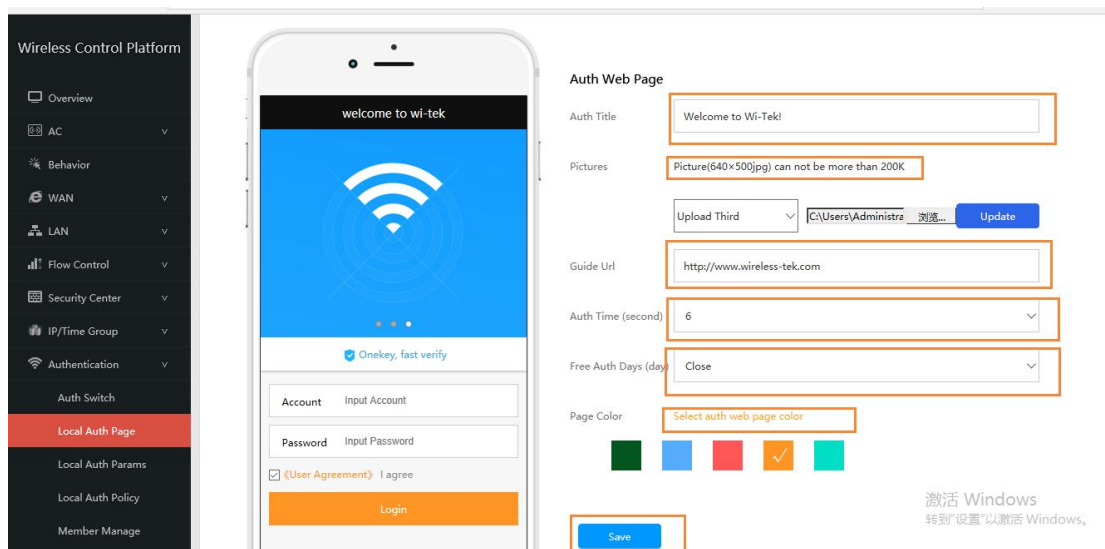

The default password is admin, after type in login password, click on **[Login]**, you will get in Wi-Tek management page.

Step 2. On the left side column, please go to **[Authentication]-[Auth Switch]**, please enable authentication, select **[Local Authentication]**. If you don't need definite the white list for URL or access devices, just skip it and leave them empty. Set up the client timeout interval, then click on **[Apply].**

Step 3. On the left side, please go to **[Local Auth Page]** to customize your advertisement page.

Auth Title: Customize the tile of the advertisement page.
Picture: Upload the advertisement picture for promotion or introduction.
Note: Picture(640×500jpg) can not be more than 200K
Guide URL: After authentication, it will guide customers to a website, you can type into your official website or Facebook page.
**Auth Time**: It determines how long will the advertisement page lasts.
**Free Auth Day**: Host can definite which day doesn't need to be authenticated.
Page Color: Customize a page color.

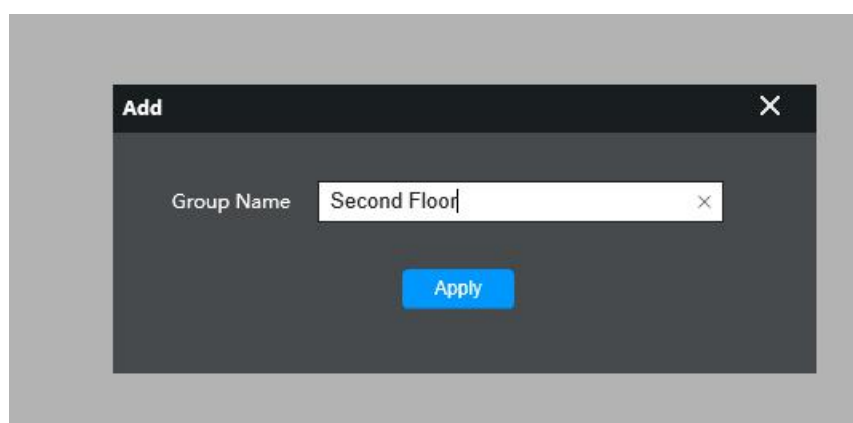After setup all the information, please click on **[Save]**.

Step 4. On the left side menu, please go to **[Local Auth Params]** to select the authentication type-**[Member Auth].** Enable the status, then click on **[Apply]**.
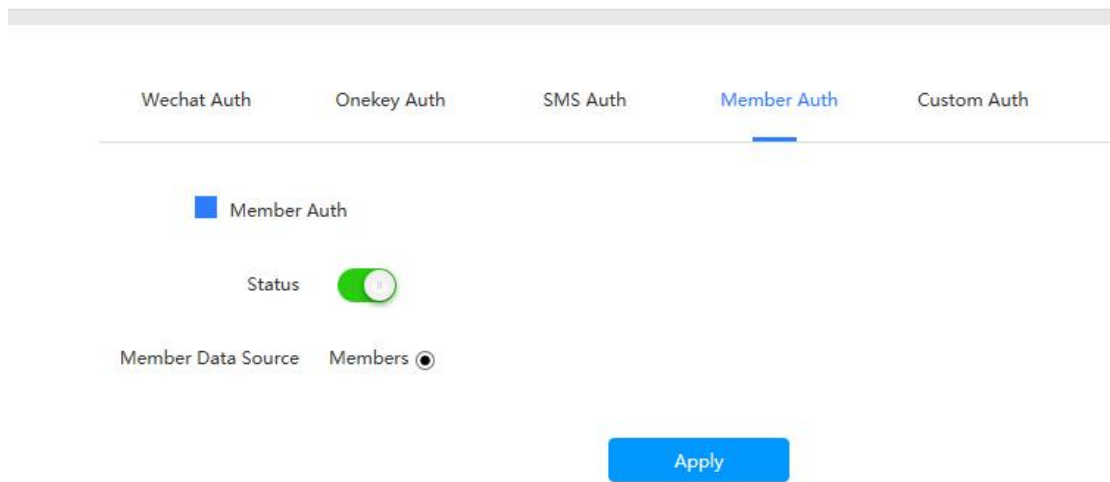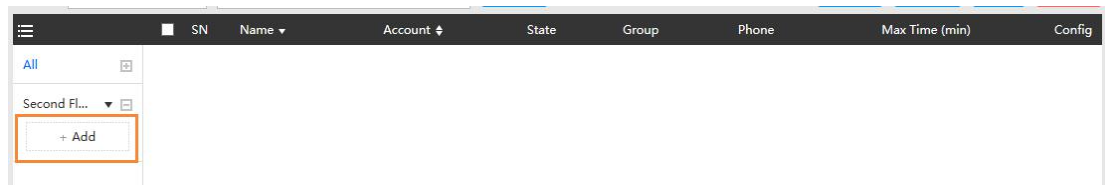

Step 5. On the left side menu, please go to [Member Manage], click on button to add group.
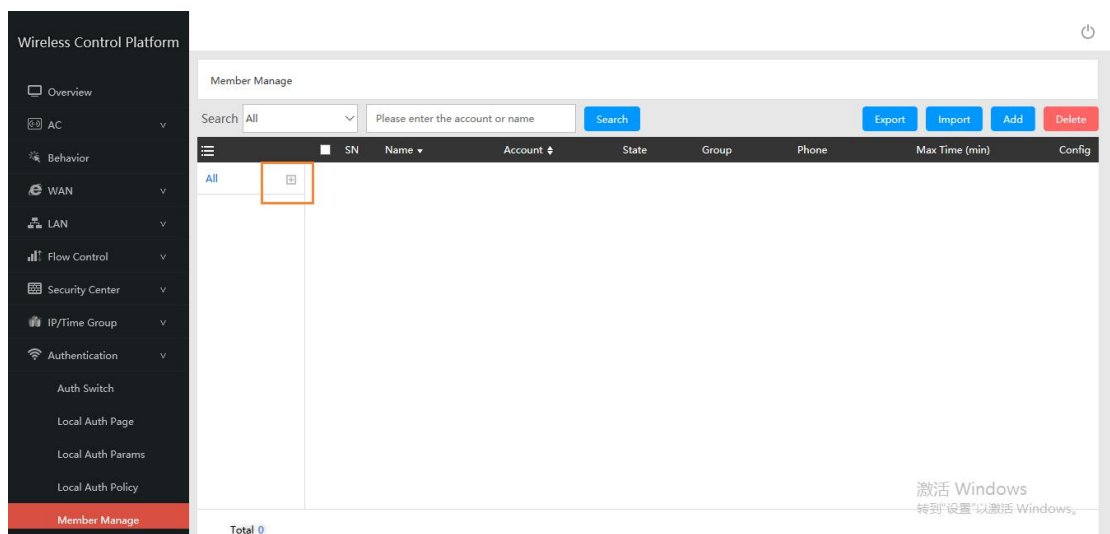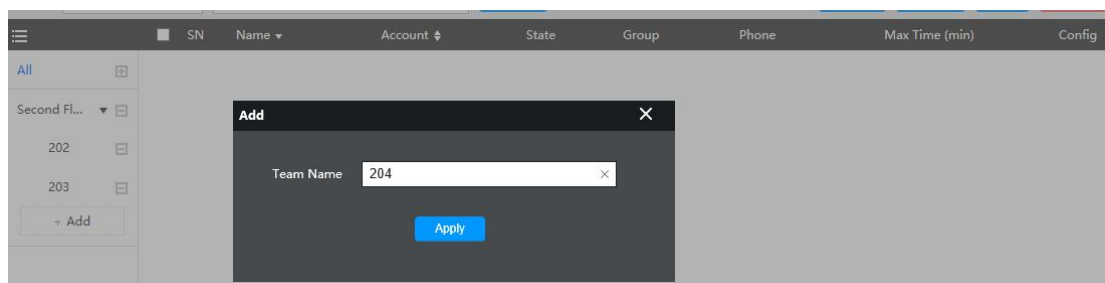

Establish a group name. Such as "Second Floor". Click on **[Apply]**.

If you want to establish the different logon account for different room, please click on **[Add]** under second floor as subordinate.
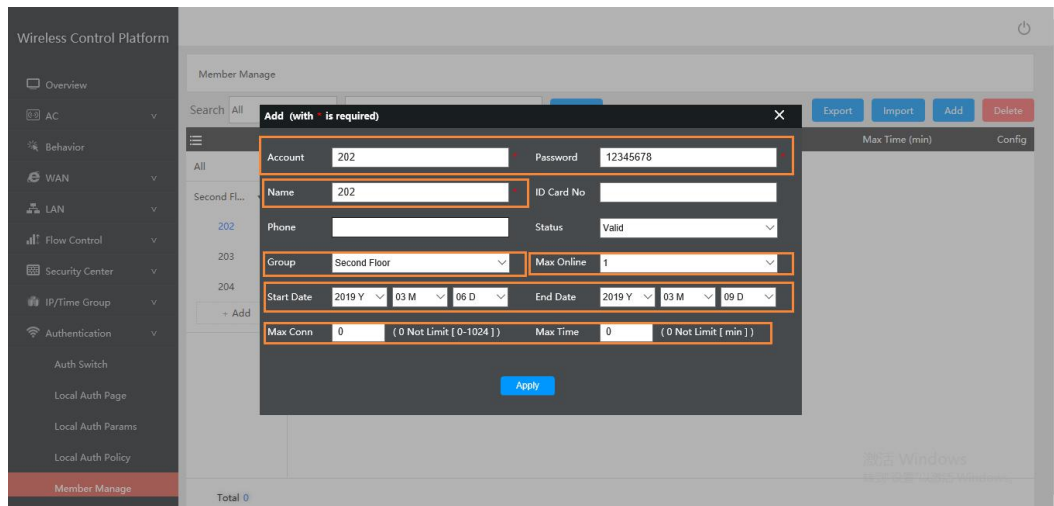

Such as , 202, 203, 204...

After establish the room number, click on room number, click on the **[Add]** on the right top corner of the page to definite the logon account for customer internet access.
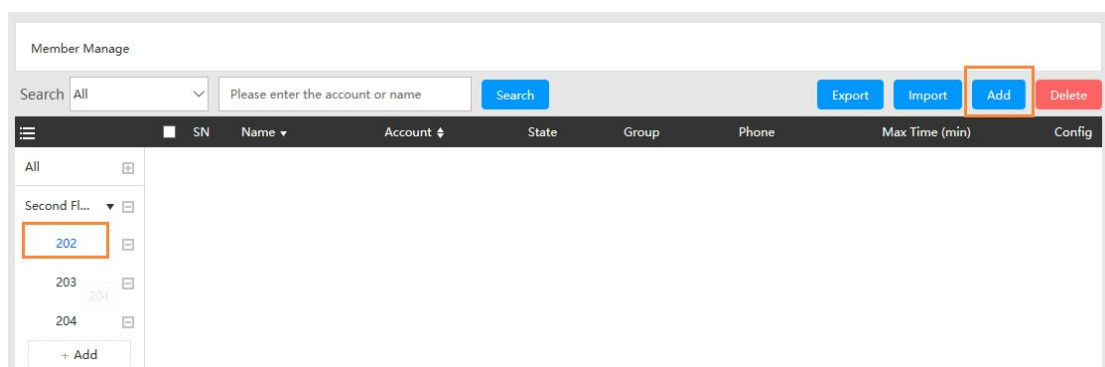
Account/Password: Logon account/password for customer get Internet access.

Name: It's recommended to be same name with logon account for easy management.

Max Online: The concurrent online number of customers, if type in 2, 2 customers in will share this logon account.

Start Date/End Date: The period of validity of internet account, after end date, this account will expiry.

Max Connection/Max Time: For data flow control management. If there's no need to limit, type 0 into bar.

Step 6. After finish all authentication settings, please disable all the wireless password(both 2.4GHz and 5GHz) for your network. Otherwise devices which connect to the Wi-Fi signal should type in this wireless password fist and then authenticate with logon account.