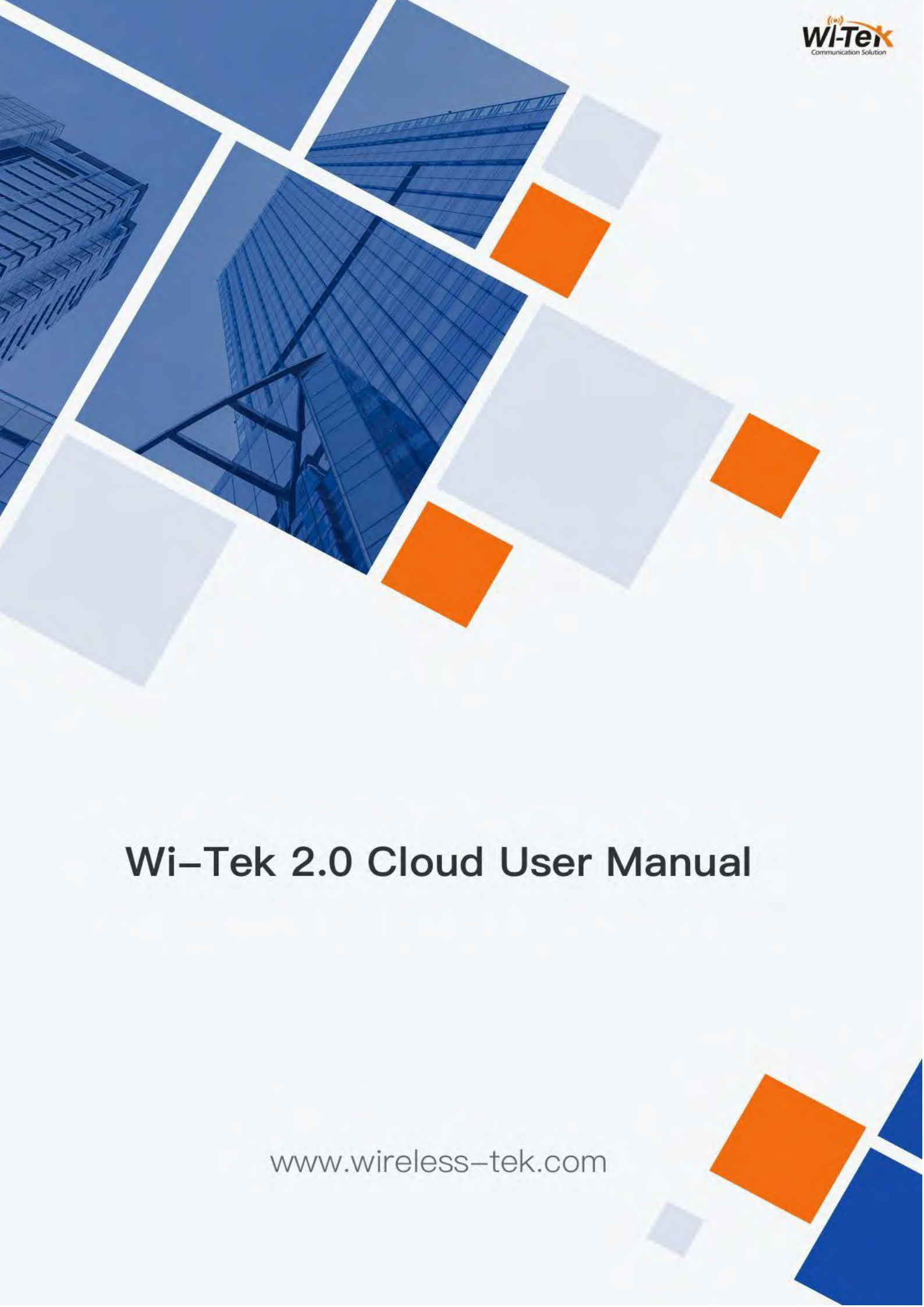




Wi-Tek 2.0 Cloud User Manual

www.wireless-tek.com

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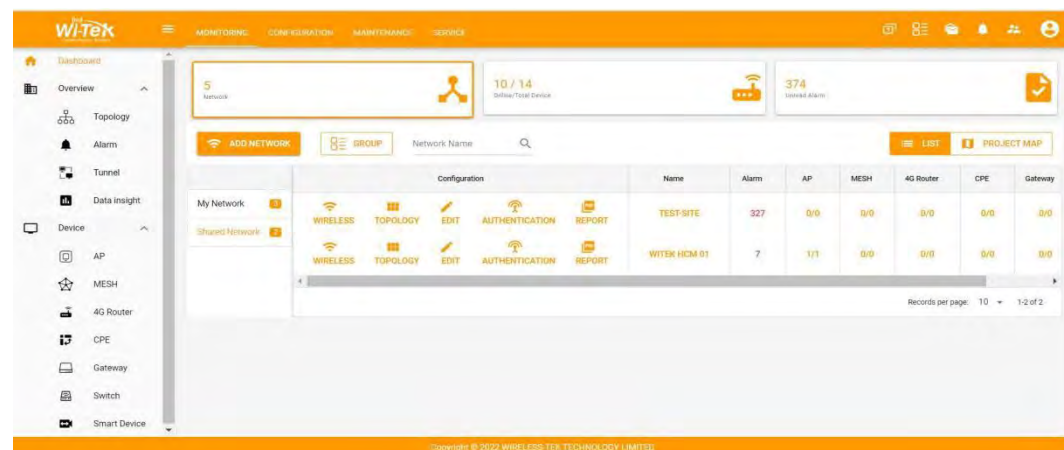
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1.CONFIGURATION

1.1 Dashboard

Dashboard can help you understand how many projects there are currently, how many devices have been invested in total, and the interface is clearly displayed. It can rapidly view the basic information of each project and download project equipment information, which can help IT managers quickly understand the information of the entire network. It can help you quickly understand where each item is in the world.

Steps to enter the Dashboard interface: Click **MONITORING > Dashboard**



The following describes the functions on this screen:

Network: Number of items.

Online/Total Device: The total number of devices in the account, the number of online devices/the total number of devices.

Unread Alarm: The alarm information is unread.

ADD NETWORK: Add a new network project.

GROUP: Enter project group management.

My Network: Network projects created in your own account Shared Network: Network projects shared by others to yourself

WIRELESS: Enter wireless configuration templates for each item.

NETWORK: You can enter to the network topology of each project.

EDIT: You can modify the information of each item or view the device management password of each item.

REPORT: Download delivery information for a project.

SHARE: Share the project to other accounts.

Project Map: See the location of each item on Google Maps.

How to add a new web item?

Step 1 Click **ADD NETWORK**

Step 2 Fill in the basic information about the project

Step 3 Wireless template configuration

Step 4 Add device

Step 5 Click to finish

Note: The password of the WEB admin password item is the password bound to the cloud device. When the AP, AC, switch and other devices are bound to the cloud platform, the password will be synchronized.

Note: The password of the WEB admin password item is the password bound to the cloud device. When the AP, AC, switch and other devices are bound to the cloud platform, the password will be synchronized.

The screenshot shows the 'Add Network' configuration page. At the top right are 'SAVE' and 'BACK' buttons. The form includes fields for 'Name', 'WEB admin password' (with a key icon and the value '4swo258'), a note 'Change the web admin password of device, all devices in this group will be changed.', 'Timezone' (set to 'PRC'), 'Parent' (set to '295087822@qq.com'), and 'Location'.

WEB admin password: The device login management password in this project

The screenshot shows the 'Configuration' page with 'SKIP' and 'NEXT' buttons. It features two main sections: 'Wireless' and 'Radio'. The 'Wireless' section has a table with one entry: '1' with name 'test' and ID 'w88888888', and an 'ADD +' button below. The 'Radio' section has 'Auto Channel' and 'Auto Allocate Channel' toggle switches, both turned on. A caution note states: 'Caution: when a Cloud managed AP became online the first time, if the channel is 1/149 for 2.4G/5G, it will be auto allocated a new channel. If some Cloud managed AP device online the first time, the radio scan will be schedule at the next day morning. During the scan, all devices will be offline.'

ADD + : Add wireless configuration template

Edit network topology

Upper

Auto

DETAIL
EWEB
TELNET

Base

Hostname

3F

Model

WI-CGS5026

Serial number

SN111222333444555

MAC

10:F0:13:F1:7A:AE

Version

WI-CGS5026_V10211230

Status

Last update

2022-04-14 18:37:25

Uptime

3d08h31min59s

User count

-

User sessions

-

Click on ADD DEVICE TO TOPOLOGY, Equipment can be supplemented

Edit network topology

Upper

AC105001206280000 - AC105P

Device will be deleted when Auto been selected

Type

Server

Hostname

file server

IP

192.168.20.253

Device IP Address

MAC

Device MAC address, can be used to detect port number in Switch device

SAVE

The following describes the functions on this screen:

SELECT NETWORK: Select the topology map displayed by the network item. (When there are multiple items in the account, you can select other items to display) **REPORT:**

Download the project delivery equipment information.

SAVE: Save the network topology map locally.

ADD DEVICE TO TOPOLOGY: Add some supplementary network device.

REFRESH: Just configured and not displayed, you can click to refresh.

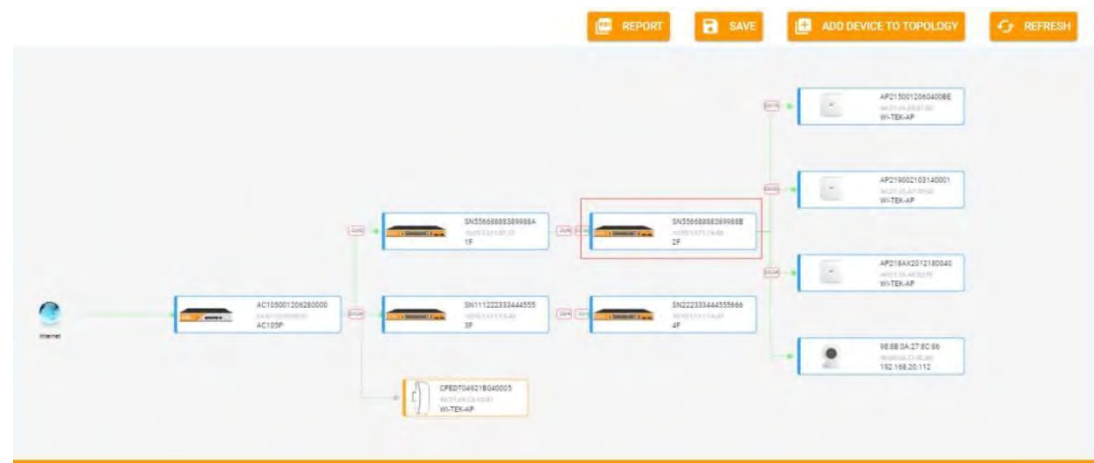
GROUP: Enter the project management group.

How to Change Upper Devices in Network Topology?

Step 1 Click on the device icon to choose the device.(For example, it is actually connected to a 3F switch, and the topology shows that the connection to a 2F switch needs to be corrected)

Step 2. Select the correct Upper device in list.

Step 3. Click on Save to save the information.



Edit network topology

Upper

SN111222333444555 - 3F

SAVE

DETAIL

EWEB

TELNET

Base

Hostname
2F

Model
WI-PCMS328GF

Serial number
SN55668888389988B

MAC
10:F0:13:F1:74:4B

Version
WI-PCMS328GF_V10220406

Status

Last update
2022-04-14 15:37:54

Uptime
0d23h30min46s

User count
-

User sessions
-

How to supplement network devices on network topology?

If you need to add some supplementary network (The devices that exist on the network but are not managed by the cloud) after create the network, you can add device manually here.

Step 1. Click on **ADD DEVICE TO TOPOLOGY**.

Step 2. Select the Upper layer device.

Step 3. Select the device type. Such as switch, smart device, printer, server, wireless client, etc.

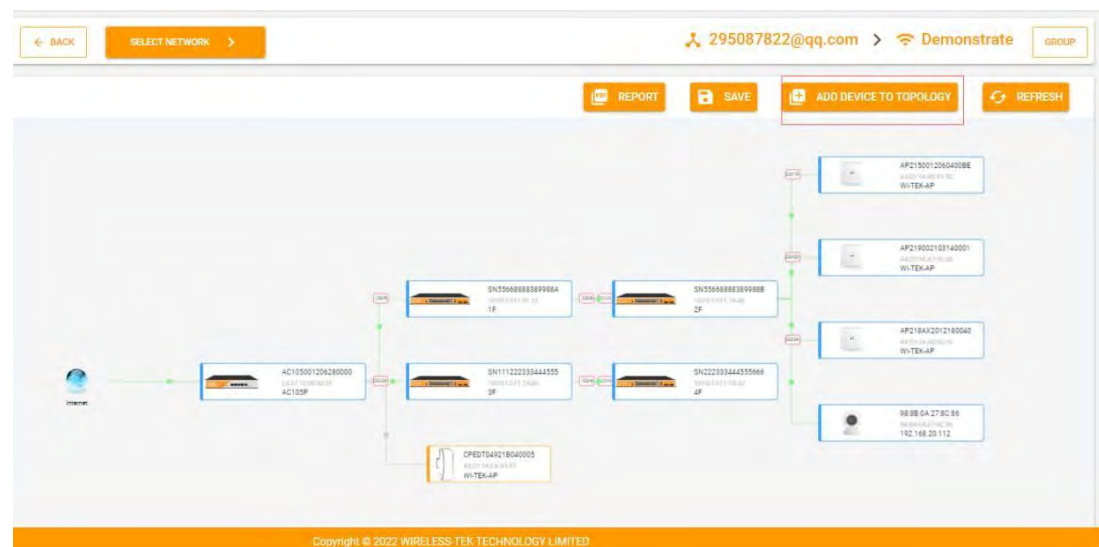
Step 4. Edit the device name.

Step 5. Fill in the IP address of the device.

Step 6 Click on Save to save the information.

Notice:

If you want to delete a manually added device, you can click the device icon, and then click the delete button in the Upper column.



Edit network topology



Upper

AC105001206280000 -
AC105P

Device will be deleted when Auto been selected

Type
Server

Hostname
file server

IP
192.168.20.253

Device IP Address

MAC

Device MAC address, can be used to detect port number in Switch device

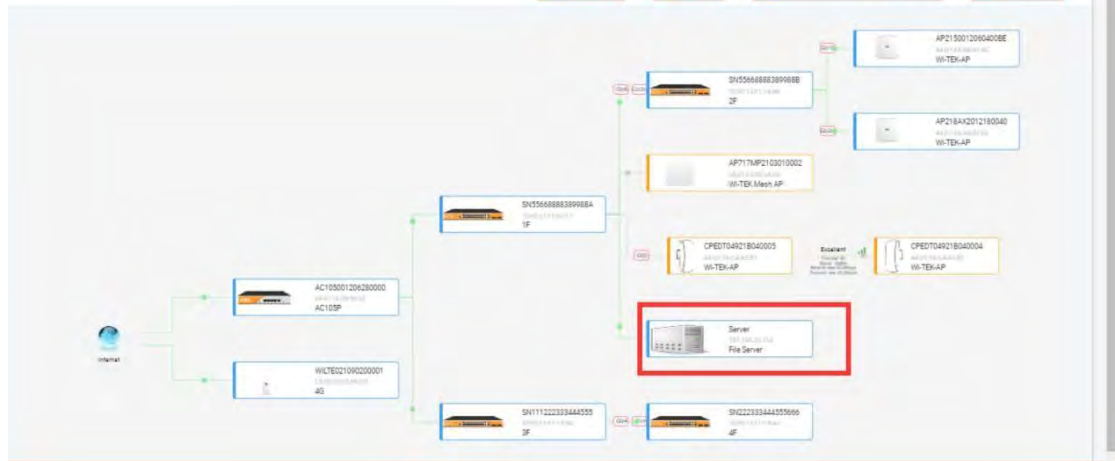
SAVE

REPORT

SAVE

ADD DEVICE TO TOPOLOGY

REFRESH



1.2.2 Alarm

When the network fails, the system detects it and sends an email to the maintenance personnel as soon as possible, quickly help IT network managers locate network faults.

Steps to enter the Alarm interface: Click MONITORING>Overview > Alarm

Wi-Tek							
MONITORING CONFIGURATION MAINTENANCE SERVICE							
Dashboard Overview Topology Alarm Tunnel Data Insight Device AP MESH 4G Router CPE Gateway							
295087822@qq.com Demonstrate							
Alarm							
MARK AS READ ALL UNREAD							
Serial number							
	Serial number	Type	Level	Content	Read time	Created time	
☐	SN556688839998A	Switch PoE status changed	NORMAL	Switch [1F] PoE status changed [g4]	2022-04-19 11:45:14	2022-04-19 07:43:28	
☐	SN556688839998A	Switch PoE status changed	NORMAL	Switch [1F] PoE status changed [g2]	2022-04-19 11:45:14	2022-04-19 07:43:28	
☐	SN556688839998A	Switch PoE status changed	NORMAL	Switch [1F] PoE status changed [g1]	2022-04-19 11:45:14	2022-04-19 07:43:28	
☐	SN556688839998A	Switch PoE status changed	NORMAL	Switch [1F] PoE status changed [g4]	2022-04-19 11:45:14	2022-04-19 07:42:49	
☐	SN556688839998A	Switch PoE status changed	NORMAL	Switch [1F] PoE status changed [g2]	2022-04-19 11:45:14	2022-04-19 07:42:48	
☐	SN556688839998A	Switch PoE status changed	NORMAL	Switch [1F] PoE status changed [g1]	2022-04-19 11:45:14	2022-04-19 07:42:48	

The following describes the functions on this screen:

MARK AS READ: set the message as read

ALL: All alarm information

UNREAD: Unread alarm information

Serial number: SN code of the faulty device

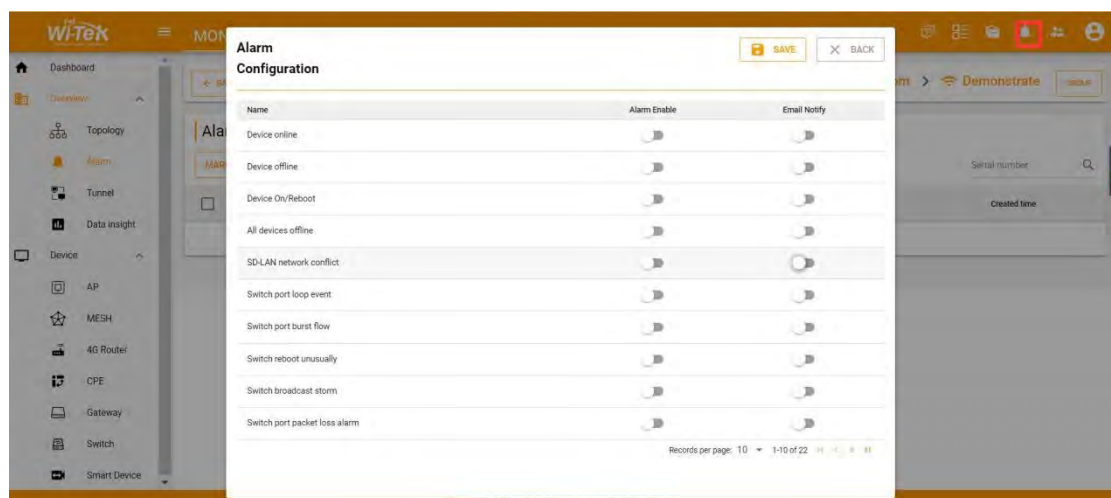
Content: Network failure details

Alarm Settings

On the **Alarm Settings** page, you can configure to receive alarms or not and in which way.

When the Status is enabled, alarm information is displayed on the Alarm page. Alarms can be pushed by Email only when the Status is enabled. When the **Email Alarm** is enabled, alarms will be pushed via Email to the contacts in the Contact List of the network.

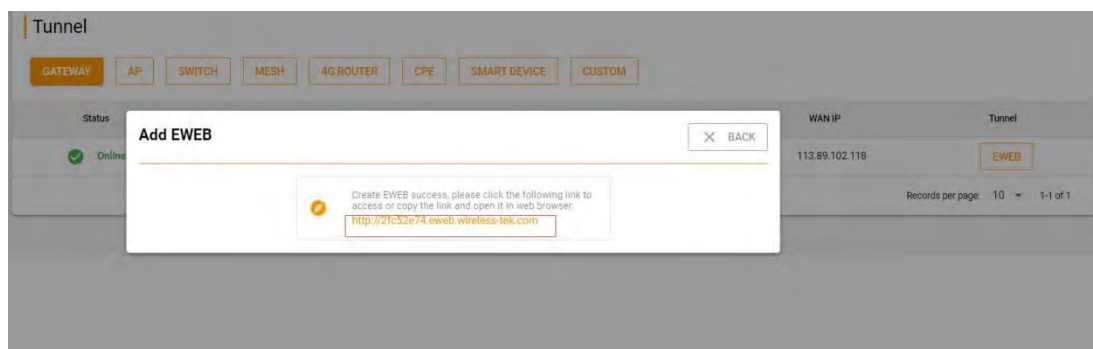
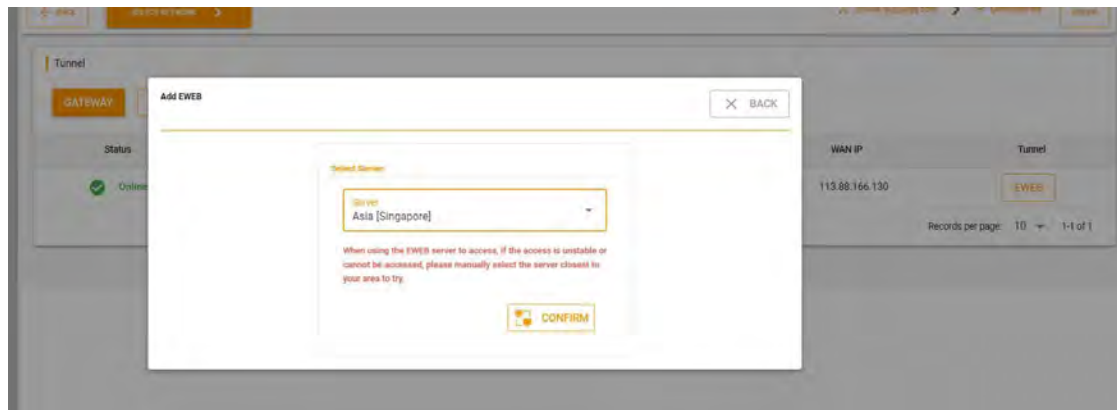
Steps to enter the **Configure the alarm** : Click the icon of the alarm information in the upper right corner. (**Grey is closed state Orange is opener state.**)



1.2.3 Tunnel

Remote management can help you save more time, Wi-Tek cloud management device100% supports remote management.

Steps to enter the Tunnel interface: Click **MONITORING>Overview > Tunnel**



Note: EWEB remote access steps are the same for all devices.

How to CIL remote access devices?

Step 1 Click on the category that requires the remote device (such as SWITCH click SWITCH).

Step 2 Click on TELNET.

Step 3 Click on the generated website address.

Step 4 Open the Telnet-enabled tool, copy the generated link, and then enter the account and password to log in to the command line mode of the switch.

Tunnel

GATEWAY

AP

SWITCH

MESH

4G ROUTER

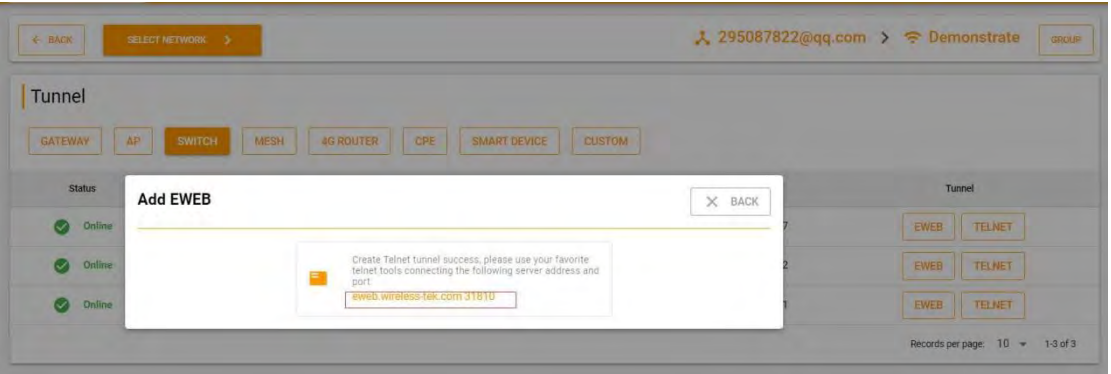
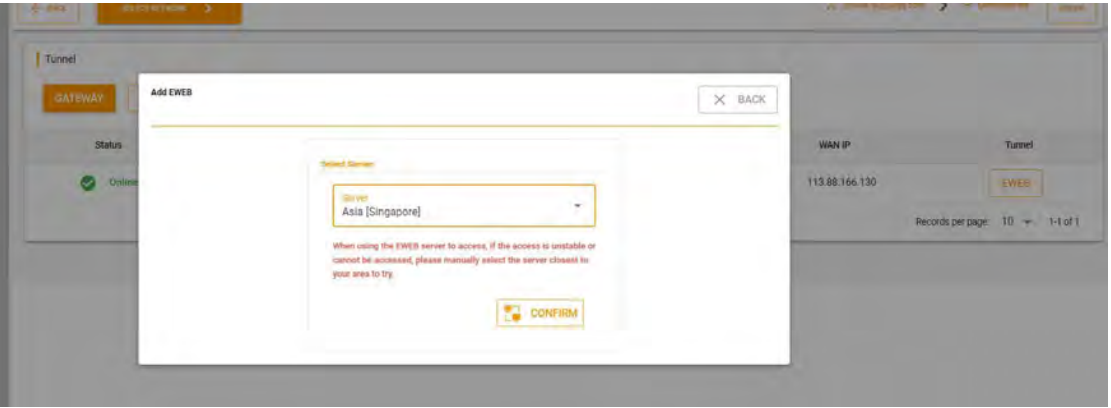
CPE

SMART DEVICE

CUSTOM

Status	Serial number	Model	Hostname	WAN IP	Tunnel
Online	SN5566888389988A	WI-PCMS310GF	1F	192.168.20.107	EWEB TELNET
Online	SN111222333444555	WI-CGS5026	3F	192.168.20.102	EWEB TELNET
Online	SN222333444555666	WI-CGS5018	4F	192.168.20.101	EWEB TELNET

Records per page: 10 1-3 of 3



```
Telnet eweb.wireless-tek.com
Microsoft Windows [版本 10.0.19043.1645]
(c) Microsoft Corporation. 保留所有权利。
C:\Users\20631>telnet eweb.wireless-tek.com 31810
正在连接eweb.wireless-tek.com...
```



How to map intranet devices for remote access?

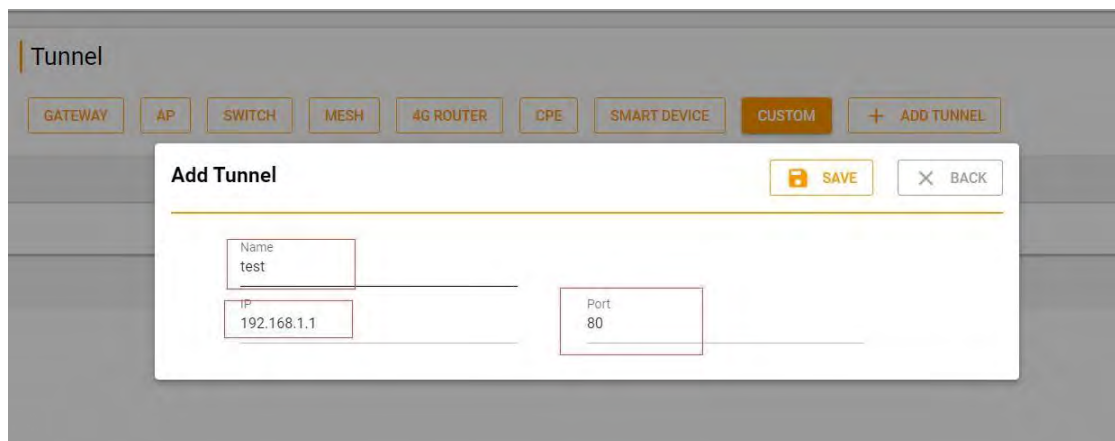
Step 1 Fix a static IP address to the mapped device.

Step 2 Click on **CUSTOM**.

Step 3 Click **+ADD TUNNEL**.

Step 4 Fill in the name, IP address, and access port number.

Step 5 Click **Save**.

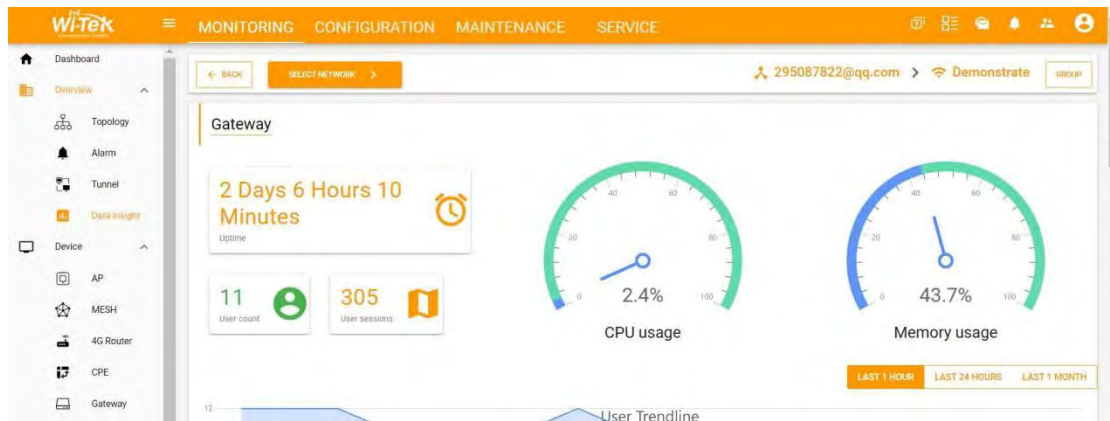


Note: Only EWEB remote access devices can be mapped

1.2.4 Data insight

Data insight allows you to watch the operation data of the gateway very intuitively, allowing you to understand the traffic and user data of the entire network more clearly.

Steps to enter the Data insight interface: Click **MONITORING>Overview > Data insight**



The following describes the functions on this screen:

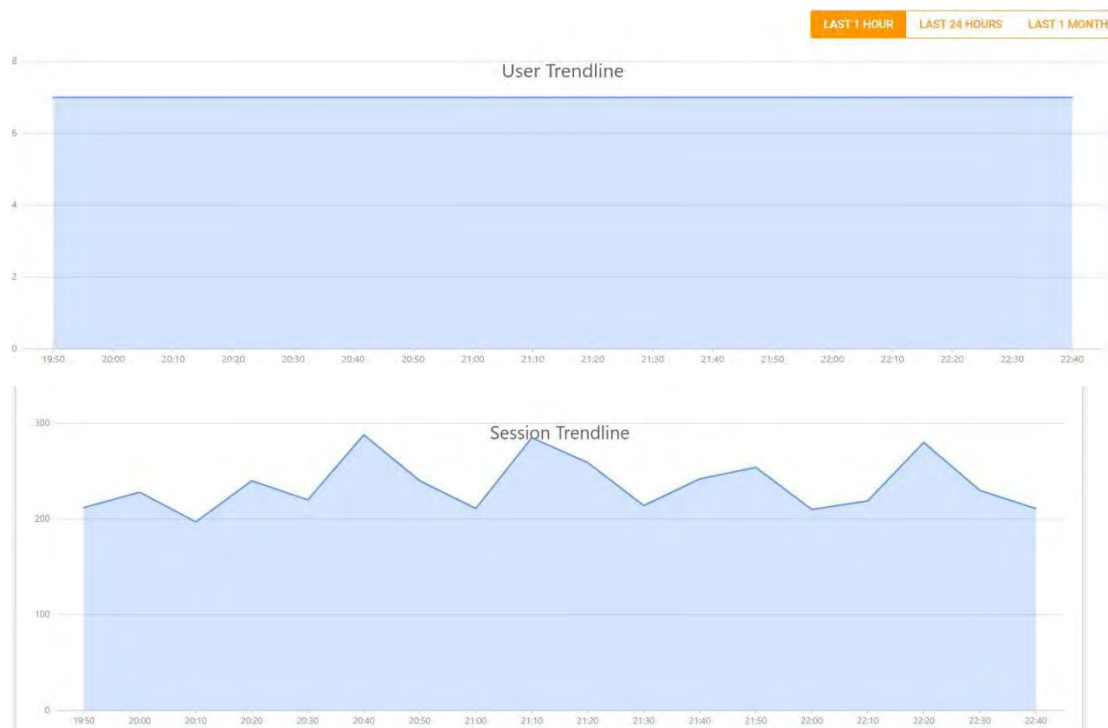
Uptime: Total running time of the device (re-timed after device reboot).

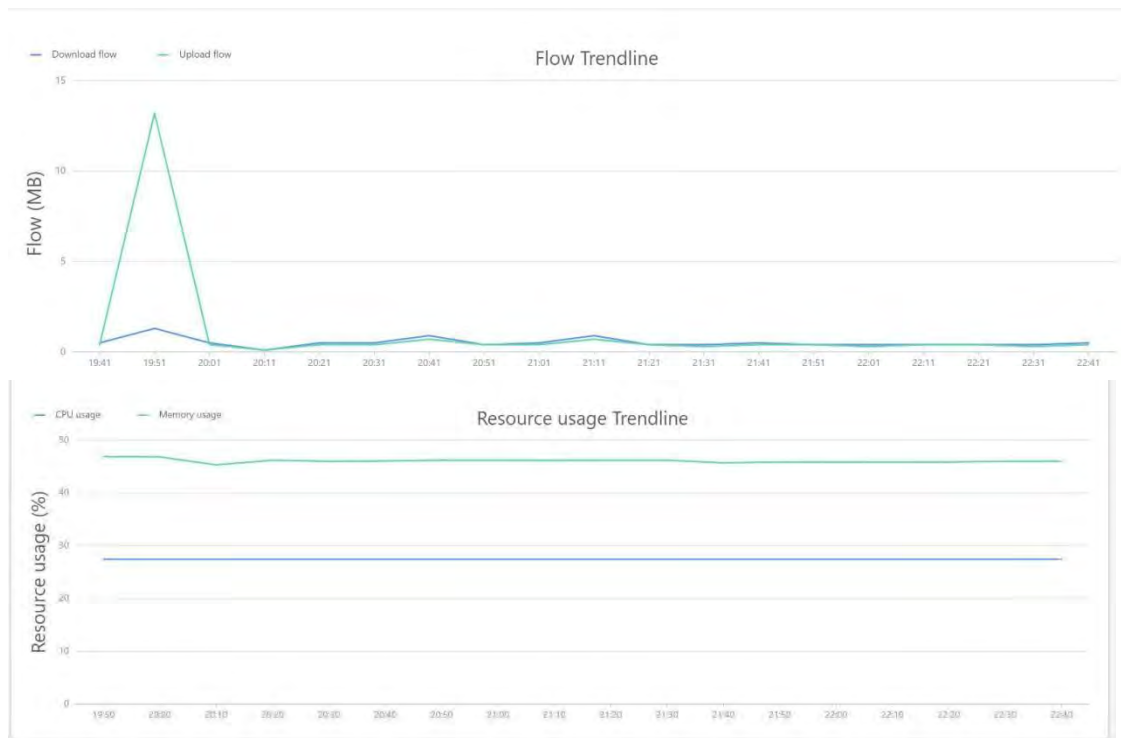
User count: Total number of wired and wireless users.

User sessions: The total number of sessions traversing the gateway.

CPU usage: The CPU usage of the gateway.

Memory usage: The memory usage of the gateway.





The following describes the functions on this screen:

User Trendline: User historical data graph, you can view historical user data according to different time periods. (the abscissa is time, and the ordinate is quantity)

Session Trendline: Historical session data graph, you can view the historical session data according to different time periods selected. (the abscissa is time, and the ordinate is quantity)

Flow Trendline: Historical traffic data graph, you can view the historical usage of traffic according to different time periods. (The abscissa is time, the ordinate is the flow rate; the blue line is Download flow, and the green line is Upload flow)

Resource usage Trendline: Historical gateway resource usage graph, you can view the historical gateway resource usage according to different time periods. (The horizontal axis is time, the vertical axis is % ratio; the blue line is CPU usage, and the green line is Memory usage)

1.3 Device

1.3.1 Never Online

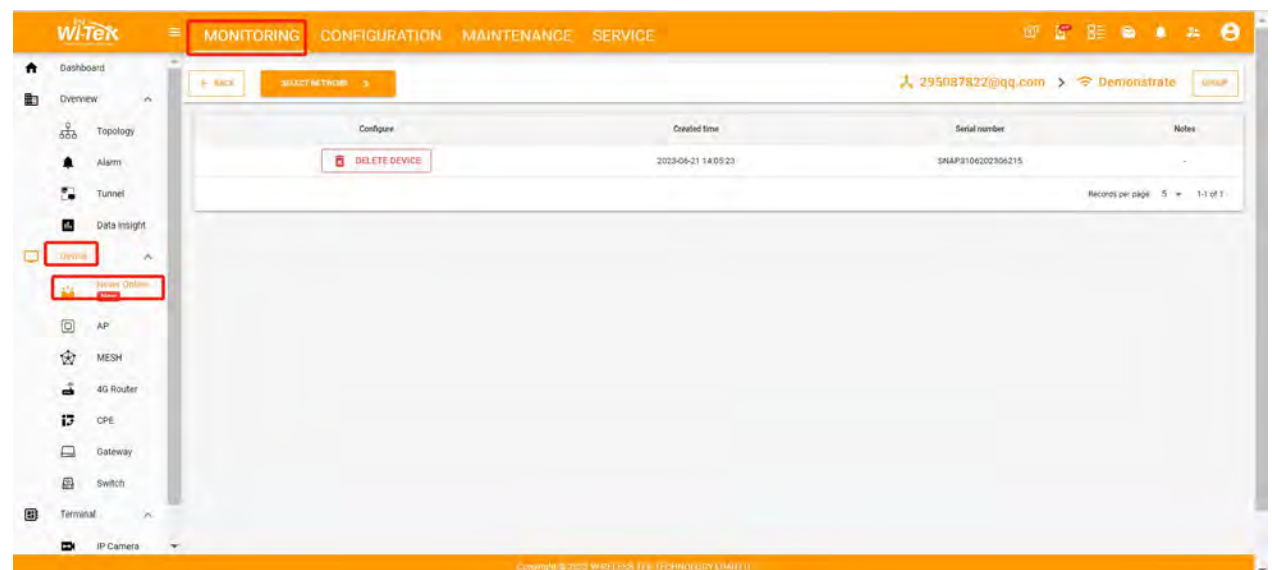
Scenario requirements

View the list of devices that have not been online for a long time. It is generally used to bind multiple devices at the same time to see if there are any omissions, or which devices have been bound and have not passed the network.

view steps

Steps to enter the Never Online interface: Click **MONITORING** >> **Device**>>**Never**

Online



The following describes the functions on this screen:

Configure: Clicking Delete is equivalent to unbinding the device, and the device can be re-bound to other projects.

Created time: Displays the time when the device was bound.

Serial number: Displays the SN code of the device.

Notes: Display the notes when binding the device.

1.3.2 AP

Steps to enter the AP interface: Click **MONITORING** > **Device** > **AP**

+ ADD DEVICE

DELETE DEVICE

RESET FACTORY

REBOOT

UPGRADE

EWEB

Serial number, hostname

BASE

RADIO

Columns

REFRESH

☐	Status	AP management	Network Name	Serial number	Model	Hostname	Version	Last update	MAC	W	
☐	Online	Cloud management	Demonstrate	AP217001209020298	WI-AP217	WI-TEK-AP	V4.3.BUILD20220919-1922-F87D958	Upgradable	2022-11-03 11:18:28	44:D1:FA:97:FB:1F	192.168.1.1
☐	Online	Cloud management	Demonstrate	AP218AX2202EN0067	WI-AP218AX	WI-TEK-AP	v5.0.build20220919-1432-8033888		2022-11-03 11:19:13	44:D1:FA:BC:10:D4	192.168.1.2

The **AP List** displays basic device information, including online/offline status, **AP Manager**, **Serial number**, **Model**, **Hostname**, **Version**, **Last update**, **MAC**, **WAN IP** and **Notes**.

AP Manager:With cloud management and Gateway AC management(If you select the local AC to manage the AP when binding the device, the SSID and password are issued from the local AC. If the binding device selects cloud management, the wireless SSID and password are issued from the cloud).

Network Name: The displayed name is , the created project name

Serial number: displayed as the SN code of the device, click the SN code of the device to enter the detailed interface of the device.

Hostname:Modify the AP alias, easy to identify where the device is installed

Above the list are the **ADD DEVICE**, **DELETE DEVICE**, **RESET FACTORY**, **REBOOT**, **UPGRADE**, **BASE** and **RADIO**.

ADD DEVICE:

If a new device is added, you can click ADD DEVICE to add it to the cloud platform.

DELETE DEVICE:

If the device is no longer needed, you can select the device and click DELETE DEVICE.

RESET FACTORY:

If you need to factory reset the device, select the device and click RESET FACTORY.

REBOOT:

If the device needs to be restarted, select the device and click REBOOT.

UPGRADE: If the device needs to be upgraded, select the device and click UPGRADE. **BASE:**Basic information display of AP.

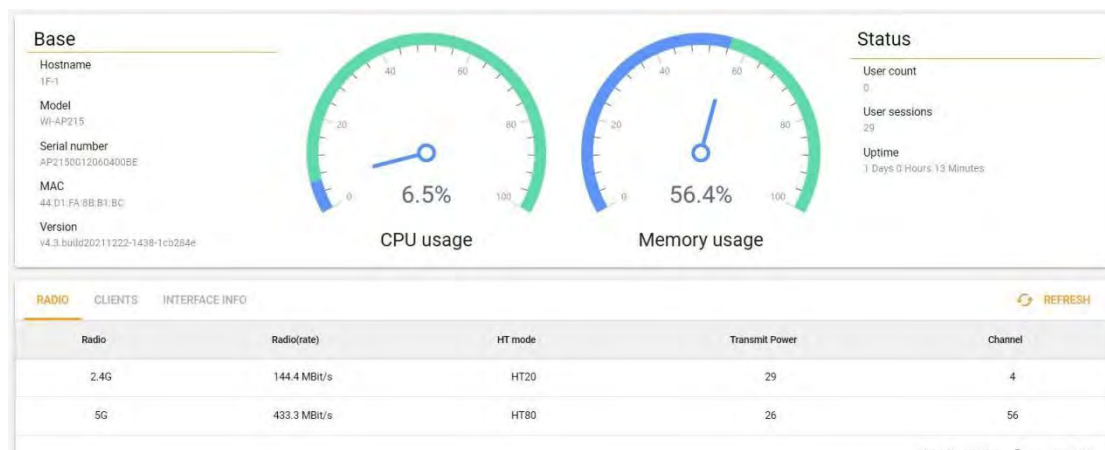
RADIO: RADIO information display of AP.

EWEB: Select the device, click EWEB to jump directly to the remote connection interface (only one device can be selected at a time)

Device Details

Click the serial number in the device list to open the details page for a single device.

It can display the basic information of the device, CPU and memory usage, device Status, RADIO, CLIENTS and INTERFACE INFO information.



Status

User count: Number of connected users of a single AP.

Uptime: The running time of the AP, every time the device is restarted, the time is re-timed.

User sessions: The number of running sessions for the device.

RADIO: RADIO basic information display.

CLIENTS: Wireless connection user display.

INTERFACE INFO: Device interface information display.

How to add a new AP device?

Before binding device, you should find out the Serial number of one device at least.

It can be found on the sticker on the back of the device or log in the web management page of device. The serial number is 17-digit.

Note:

1.If you only want to bind one device, please choose **ENTER SERIAL NUMBER** for binding.

2.If you want to bind multiple devices at once time, please choose **SCAN DEVICE** for batch binding.

The device to be bound must be able to access the Internet, and the S/N filled in must be one of the devices running in the this local area network.

The picture below shows the **SCAN DEVICE** step.

Step 1. Please select SCAN DEVICE, and fill in one serial number of local network Wi-Tek device. (If you select the local AC to manage the AP when binding the device, the SSID and password are issued from the local AC. If the binding device selects cloud management, the wireless SSID and password are issued from the cloud).

Step 2. Auto scan all the Wi-Tek devices and Onvif smart devices of this network.

Step 3. You can select to add the device one by one or click on **ADD ALL** to add all devices at once time.

Add AP SAVE BACK

ENTER SERIAL NUMBER **SCAN DEVICE**

Bind all devices in the network through a running device, the devices should be running and support our discovery protocol.

Serial number !
Serial number length is 17.

AP Manager
☐ Gateway AC ☒ Cloud

ADD

Add AP SAVE BACK

ENTER SERIAL NUMBER **SCAN DEVICE**

Bind all devices in the network through a running device, the devices should be running and support our discovery protocol.

Device	Serial Number	IP Address	Action
CPEDT049218040004 Wi-Tek AP	CPEDT049218040004	192.168.20.104	ALREADY BOUND
CPEDT049218040005 Wi-Tek AP	CPEDT049218040005	192.168.20.102	ALREADY BOUND
AP21800120604008 Wi-Tek AC	AP21800120604008	192.168.20.109	ALREADY BOUND
AC10800120628000 AC1080	AC10800120628000	192.168.20.1	ALREADY BOUND
AP21900210314001 Wi-Tek AP	AP21900210314001	192.168.20.111	ADD
AP218432012180040 Wi-Tek AP	AP218432012180040	192.168.20.106	ALREADY BOUND
SN58668080309908 ST	SN58668080309908	192.168.20.108	ALREADY BOUND
SN22233344455566 ST	SN22233344455566	192.168.20.112	ALREADY BOUND
SN11122233344455 ST	SN11122233344455	192.168.20.102	ALREADY BOUND
SN58668080309908A ST	SN58668080309908A	192.168.20.107	ALREADY BOUND

Serial Number
AP21800120604008

AP Manager
☐ Gateway AC ☒ Cloud

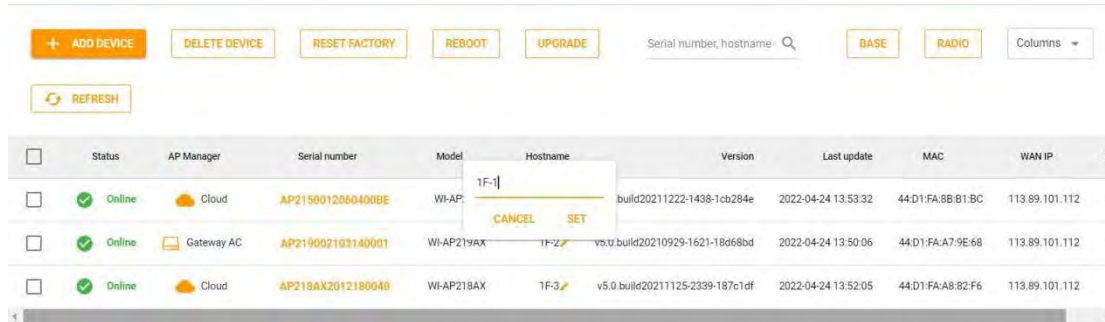
ADD ALL

How to change the AP name?

Step 1 Enter the AP management interface.

Step 2 Go to the Hostname column, there is a pen next to each device and click to modify

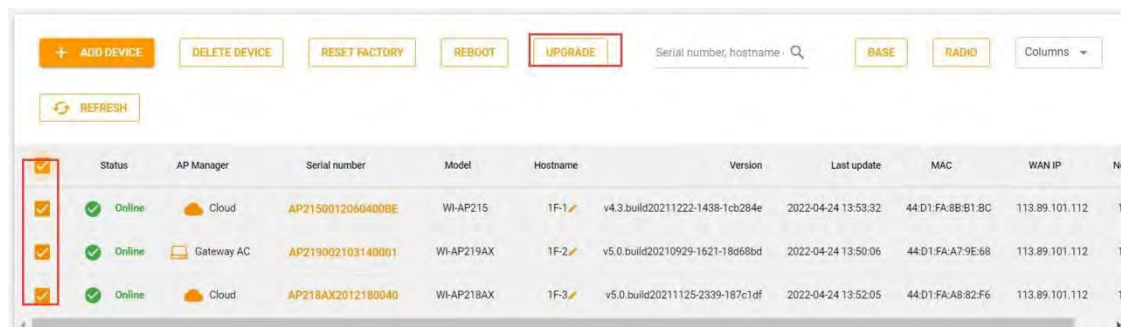
Step 3 Save



How to Upgrade All APs With One Click?

Step 1 Enter the AP management interface.

Step 2 Select the device that needs to be upgraded. Step 3 Stand-alone UPGRADE.

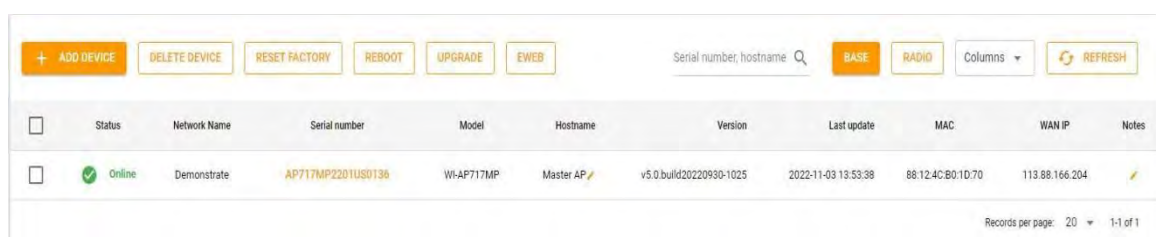


Notice:

The device has a new version, the version column will prompt.

1.3.3 MESH

Steps to enter the MESH interface: Click MONITORING > Device > MESH



The MESH List displays basic device information, including online/offline status, **Serial number, Model, Hostname, Version, Last update, MAC**, WAN IP and Notes.

Network Name: The displayed name is , the created project name

Serial number: displayed as the SN code of the device, click the SN code of the device to enter the detailed interface of the device.

Hostname: Modify the CPE alias, easy to identify where the device is installed

Above the list are the **ADD DEVICE, DELETE DEVICE, RESET FACTORY, REBOOT, UPGRADE, BASE and RADIO**.

ADD DEVICE:

If a new device is added, you can click **ADD DEVICE** to add it to the cloud platform.

DELETE DEVICE:

If the device is no longer needed, you can select the device and click **DELETE DEVICE**.

RESET FACTORY:

If you need to factory reset the device, select the device and click **RESET FACTORY**.

REBOOT:

If the device needs to be restarted, select the device and click **REBOOT**.

UPGRADE:

If the device needs to be upgraded, select the device and click **UPGRADE**.

BASE: Basic information display of **MESH**.

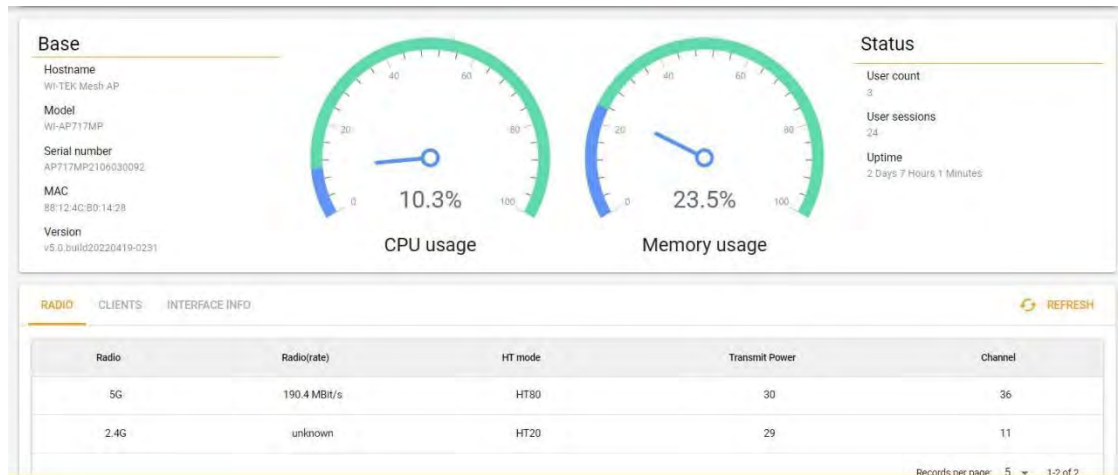
RADIO: RADIO information display of **MESH**.

EWEB: Select the device, click EWEB to jump directly to the remote connection interface (only one device can be selected at a time)

Device Details

Click the serial number in the device list to open the details page for a single device.

It can display the basic information of the device, CPU and memory usage, device Status, RADIO, CLIENTS and INTERFACE INFO information.



Status:

User count: Number of connected users of a single MESH.

Uptime: The running time of the MESH, every time the device is restarted, the time is re-timed.

User sessions: The number of running sessions for the device.

RADIO: RADIO basic information display.

CLIENTS: Wireless connection user display.

INTERFACE INFO: Device interface information display.

How to add a new MESH device?

Notice: The device to be bound must be able to access the Internet, and the S/N filled in must be one of the devices running in the this local area network.

It can be found on the sticker on the back of the device or log in the web management page of device. The serial number is 17-digit.

The picture below shows the ENTER SERIAL NUMBER step.

Step 1. Click on **ADD DEVICE**

Step 2. Please select **ENTER SERIAL NUMBER**, Fill in the 17-digit SN number of the device.

Step 3. Click **ADD and SAVE**

Add MESH

SAVE
BACK

ENTER SERIAL NUMBER

SCAN DEVICE

Please enter the device serial number to bind a device to the current group, device can be off when do binding.

Serial number
AP717MP2106030092

AP Manager
☐ Gateway AC
☒ Cloud

Notes

ADD

How to change the MESH name?

Step 1 Enter the MESH management interface.

Step 2 Go to the Hostname column, there is a pen next to each device and click to modify

Step 3 **Save**

+ ADD DEVICE
DELETE DEVICE
RESET FACTORY
REBOOT
UPGRADE

Serial number, hostname
REFRESH

☒	Status	Serial number	Model	Hostname	Version	Last update	MAC	WAN IP	Notes
☒	Online	AP717MP2106030092	Wi-AP717M	2F-1	V5.0.BUILD20220419-0231 Upgradeable	2022-04-24 17:46:02	88:12:4C:B0:14:28	113.89.101.112	

How to Upgrade MESH With One Click?

Step 1 Enter the MESH management interface.

Step 2 Select the device that needs to be upgraded.

Step 3 Stand-alone UPGRADE.

+ ADD DEVICE
DELETE DEVICE
RESET FACTORY
REBOOT
UPGRADE

Serial number, hostname
REFRESH

☒	Status	Serial number	Model	Hostname	Version	Last update	MAC	WAN IP	Notes
☒	Online	AP717MP2106030092	Wi-AP717M	Wi-TEK.Mesh AP	V5.0.BUILD20220419-0231 Upgradeable	2022-04-24 17:46:02	88:12:4C:B0:14:28	113.89.101.112	

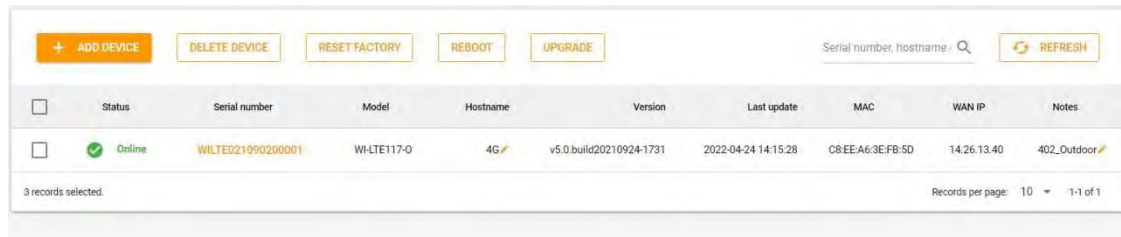
1 record selected.
Records per page: 10
1-1 of 1

Notice:

The device has a new version, the version column will prompt.

1.3.4 4G Router

Steps to enter the 4G Router interface: Click MONITORING > Device > 4G Router



The screenshot shows a web interface for managing 4G routers. At the top, there are five buttons: '+ ADD DEVICE' (orange), 'DELETE DEVICE' (yellow), 'RESET FACTORY' (yellow), 'REBOOT' (yellow), and 'UPGRADE' (yellow). To the right of these buttons is a search bar labeled 'Serial number, hostname' with a magnifying glass icon and a 'REFRESH' button. Below the buttons is a table with the following columns: Status, Serial number, Model, Hostname, Version, Last update, MAC, WAN IP, and Notes. The table contains one row of data. At the bottom left of the table, it says '3 records selected.' and at the bottom right, it says 'Records per page: 10' and '1-1 of 1'.

	Status	Serial number	Model	Hostname	Version	Last update	MAC	WAN IP	Notes
☐	Online	WLTE021090200001	WLTE117-0	4G	v5.0.build20210924-1731	2022-04-24 14:15:28	C8:EE:A6:3E:FB:5D	14.26.13.40	402_Outdoor

The **4G Router List** displays basic device information, including online/offline status, **Serial number, Model, Hostname, Version, Last update, MAC, WAN IP and Notes.**

Hostname: Modify the 4G Router alias.

Network Name: The displayed name is , the created project name

Serial number: displayed as the SN code of the device, click the SN code of the device to enter the detailed interface of the device.

Notes: Modify the 4G Router alias, easy to identify where the device is installed

Above the list are the **ADD DEVICE, DELETE DEVICE, RESET FACTORY, REBOOT, UPGRADE, BASE and RADIO.**

ADD DEVICE:

If a new device is added, you can click ADD DEVICE to add it to the cloud platform.

DELETE DEVICE:

If the device is no longer needed, you can select the device and click DELETE DEVICE.

RESET FACTORY:

If you need to factory reset the device, select the device and click RESET FACTORY.

REBOOT:

If the device needs to be restarted, select the device and click REBOOT. UPGRADE:

If the device needs to be upgraded, select the device and click UPGRADE. **BASE:** Basic information display of 4G Router.

RADIO: RADIO information display of 4G Router.

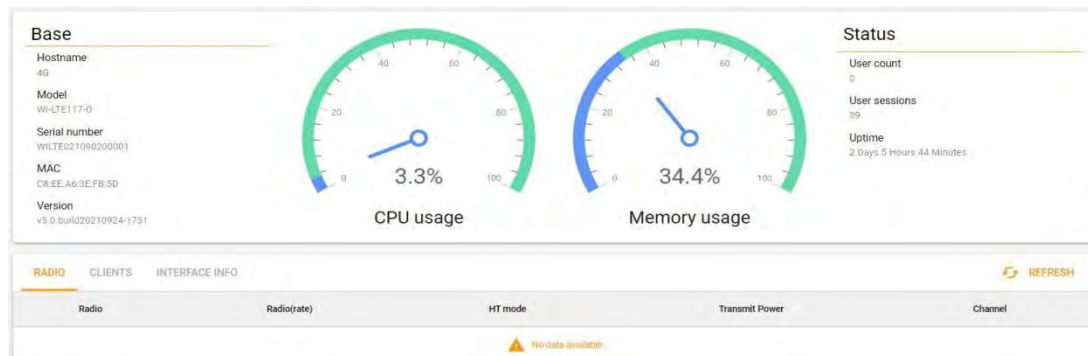
EWEB: Select the device, click EWEB to jump directly to the remote connection (only one device can be selected at a time)

Device Details

Click the serial number in the device list to open the details page for a single device.

It can display the basic information of the device, CPU and memory usage, device Status,

RADIO, CLIENTS and INTERFACE INFO information.



Status:

User count: Number of connected users of a single 4G Router.

Uptime: The running time of the 4G Router, every time the device is restarted, the time is re-timed.

User sessions: The number of running sessions for the device.

RADIO: RADIO basic information display.

CLIENTS: Wireless connection user display.

INTERFACE INFO: Device interface information display.

How to add a new 4G Router device?

Notice: The device to be bound must be able to access the Internet, and the S/N filled in must be one of the devices running in the this local area network.

It can be found on the sticker on the back of the device or log in the web management page of device. The serial number is 17-digit.

The picture below shows the **ENTER SERIAL NUMBER** step.

Step 1. Click on **ADD DEVICE**

Step 2. Please select ENTER SERIAL NUMBER, Fill in the 17-digit SN number of the device.

Step 3. Click ADD and SAVE

Add 4G Router

SAVE

BACK

ENTER SERIAL NUMBERSCAN DEVICE

Please enter the device serial number to bind a device to the current group, device can be off when do binding.

1.

WILTE021090200001

Serial number
WILTE021090200001

AP Manager
☐ Gateway AC ☒ Cloud

Notes

ADD

How to change the 4G Router name?

Step 1 Enter the 4G Router management interface.

Step 2 Go to the Hostname column, there is a pen next to each device and click to modify

Step 3 Save

	Status	Serial number	Model	Hostname	Version	Last update	MAC	WAN IP	Notes
☐	Online	WILTE021090200001	WI-LTE117	1F-1	v5.0.build20210924-1731	2022-04-24 16:00:17	C8:EE:A6:3E:FB:5D	14.26.13.40	402_Outdoor

How to Upgrade 4G Router With One Click?

Step 1 Enter the 4G Router management interface.

Step 2 Select the device that needs to be upgraded.

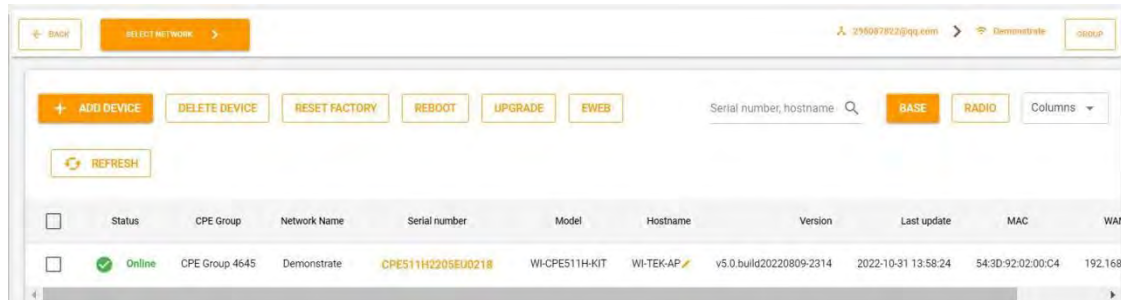
Step 3 Stand-alone UPGRADE.

	Status	Serial number	Model	Hostname	Version	Last update	MAC	WAN IP	Notes
☒	Online	WILTE021090200001	WI-LTE117-0	1F-1	v5.0.build20210924-1731	2022-04-24 16:00:17	C8:EE:A6:3E:FB:5D	14.26.13.40	402_Outdoor

Notice:The device has a new version, the version column will prompt.

1.3.5 CPE

Steps to enter the AP interface: Click MONITORING > Device > CPE



The **CPE List** displays basic device information, including online/offline status, CPE Group, Network Name, Serial number, Model, Hostname, Version, Last update, MAC, WAN IP and Notes.

CPE Group: Group name, the same group of CPE will be assigned to a group by default

Network Name: The displayed name is , the created project name

Serial number: displayed as the SN code of the device, click the SN code of the device to enter the detailed interface of the device.

Hostname: Modify the CPE alias, easy to identify where the device is installed

Above the list are the **ADD DEVICE**, **DELETE DEVICE**, **RESET FACTORY**, **REBOOT**, **UPGRADE**, **BASE** and **RADIO**.

ADD DEVICE:

If a new device is added, you can click ADD DEVICE to add it to the cloud platform.

DELETE DEVICE:

If the device is no longer needed, you can select the device and click DELETE DEVICE.

RESET FACTORY:

If you need to factory reset the device, select the device and click RESET FACTORY.

REBOOT:

If the device needs to be restarted, select the device and click REBOOT. UPGRADE:

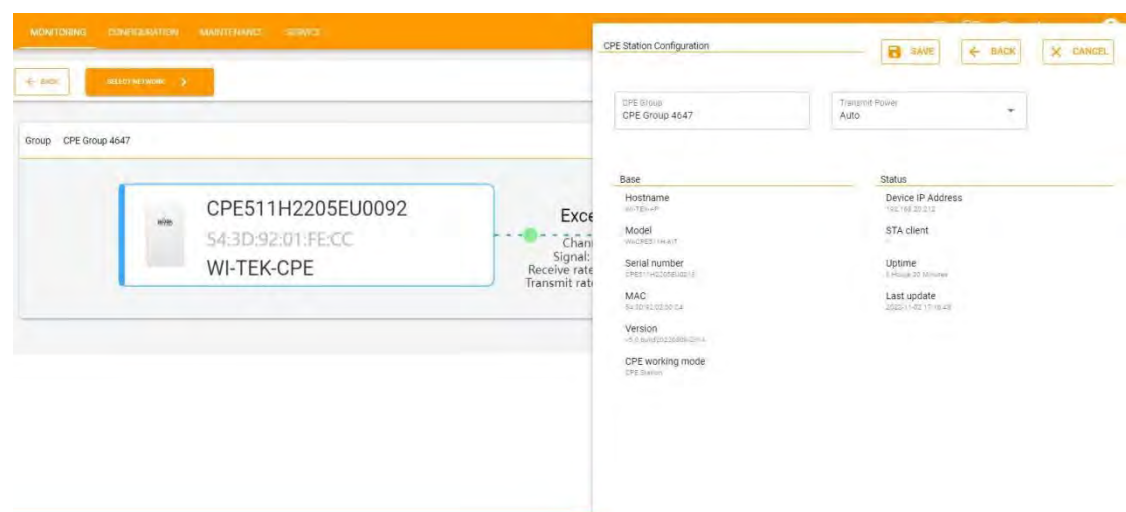
If the device needs to be upgraded, select the device and click UPGRADE. BASE: Basic information display of CPE.

RADIO: RADIO information display of CPE

EWEB: Select the device, click EWEB to jump directly to the remote connection interface
(only one device can be selected at a time)

CPE Station Configuration

Click the serial number in the device list to open the CPE Station Configuration page of a single device, which can display the basic information of the device, configure the power of the CEP, and group it.



CPE Group: The same group of CPEs are assigned to the same group by default. If there is a different manual change or the group name is deleted, click Save and the system will reassign it by default.

How to add a new CPE device?

Before binding device, you should find out the Serial number of one device at least.

It can be found on the sticker on the back of the device or log in the web management page of device. The serial number is 17-digit.

Notice:1.If you only want to bind one device, please choose **ENTER SERIAL NUMBER** for binding.

2.If you want to bind multiple devices at once time, please choose **SCAN DEVICE** for batch binding.

The device to be bound must be able to access the Internet, and the S/N filled in must be

one of the devices running in the this local area network.

The picture below shows the **SCAN DEVICE** step.

Step 1. Please select **SCAN DEVICE**, and fill in one serial number of local network Wi-Tek device

Step 2. Auto scan all the Wi-Tek devices and Onvif smart devices of this network.

Step 3. You can select to add the device one by one or click on **ADD ALL** to add all devices at once time.

Add AP SAVE BACK

ENTER SERIAL NUMBER **SCAN DEVICE**

Bind all devices in the network through a running device, the devices should be running and support our discovery protocol.

Serial number ! AP Manager
☐ Gateway AC ☒ Cloud
Serial number length is 17. ADD

Add AP SAVE BACK

ENTER SERIAL NUMBER **SCAN DEVICE** 2 4

Bind all devices in the network through a running device, the devices should be running and support our discovery protocol.

OPE2T040218040004 Wi-Tek AP	192.168.20.104	ALREADY BINDING
OPE2T040218040008 Wi-Tek AP	192.168.20.102	ALREADY BINDING
AP2180120604008E Wi-Tek AP	192.168.20.109	ALREADY BINDING
AC10800120628000 AC1080	192.168.20.1	ALREADY BINDING
AP2190002103140001 Wi-Tek AP	192.168.20.111	ADD
AP218432012180040 Wi-Tek AP	192.168.20.106	ALREADY BINDING
D11866888888888888 DT	192.168.20.108	ALREADY BINDING
D112222334448888888 DT	192.168.20.112	ALREADY BINDING
D111122233344488888 DT	192.168.20.103	ALREADY BINDING
D11866888888888888A DT	192.168.20.107	ALREADY BINDING

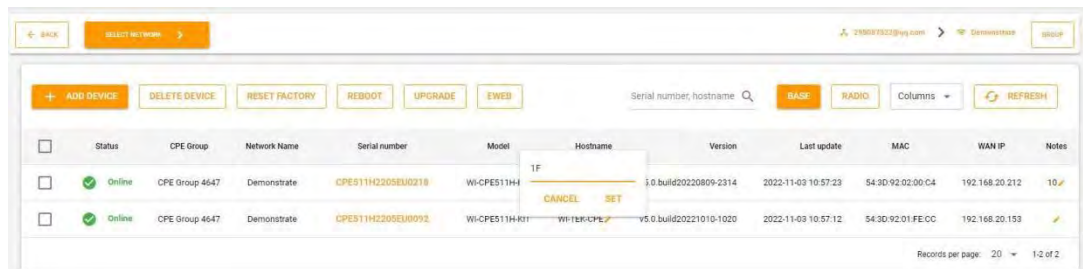
Serial number: AP2180120604008E AP Manager
☐ Gateway AC ☒ Cloud 3 ADD ALL

How to change the CPE name?

Step 1 Enter the CPE management interface.

Step 2 Go to the Hostname column, there is a pen next to each device and click to modify

Step 3 Save

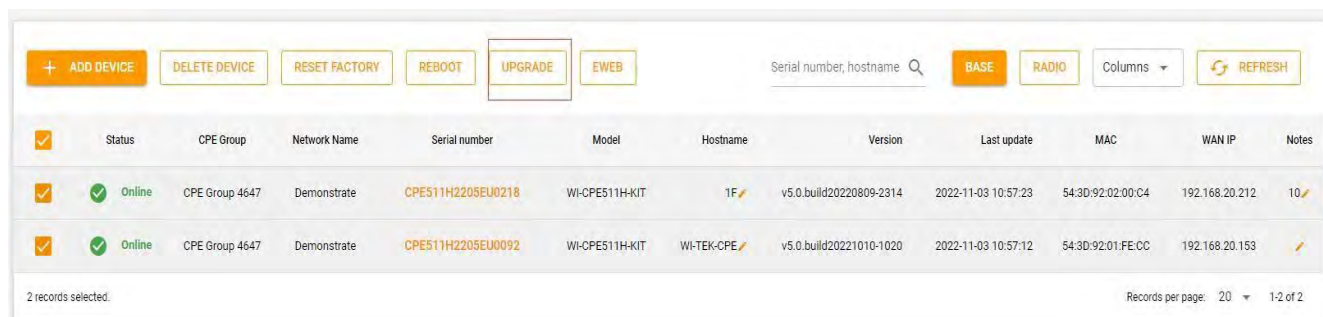


How to Upgrade All CPEs With One Click?

Step 1 Enter the CPE management interface.

Step 2 Select the device that needs to be upgraded.

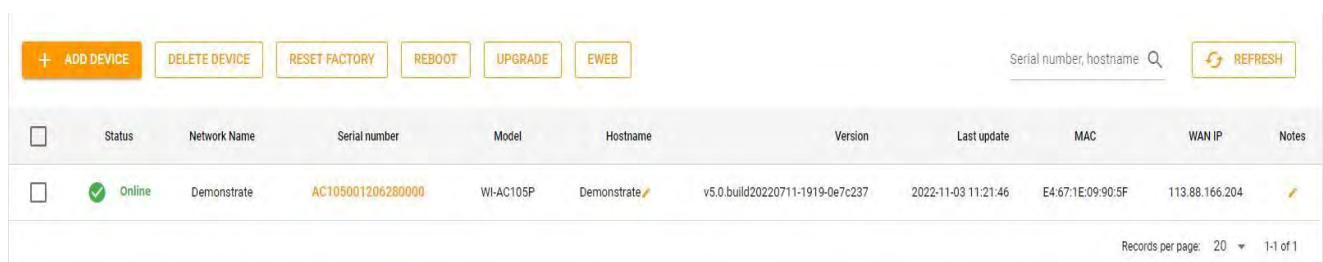
Step 3 Stand-alone UPGRADE.



Notice: The device has a new version, the version column will prompt.

1.3.6 Gateway

Steps to enter the Gateway interface: Click MONITORING > Device > Gateway



The **Gateway List** displays basic device information, including online/offline status, **Serial number, Model, Hostname, Version, Last update, MAC, WAN IP and Notes.**

Network Name: The displayed name is , the created project name

Serial number: displayed as the SN code of the device, click the SN code of the device to enter the detailed interface of the device.

Hostname:Modify the Gateway alias, easy to identify where the device is installed

Above the list are the **ADD DEVICE, DELETE DEVICE, RESET FACTORY, REBOOT and UPGRADE.**

ADD DEVICE:

If a new device is added, you can click ADD DEVICE to add it to the cloud platform.

DELETE DEVICE:

If the device is no longer needed, you can select the device and click DELETE DEVICE.

RESET FACTORY:

If you need to factory reset the device, select the device and click RESET FACTORY.

REBOOT:If the device needs to be restarted, select the device and click **REBOOT.**

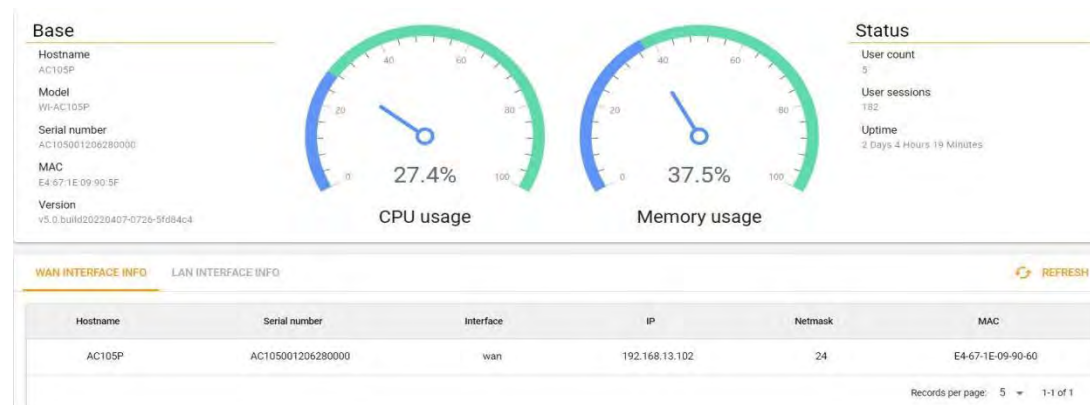
UPGRADE:If the device needs to be upgraded, select the device and click **UPGRADE.**

EWEB: Select the device, click EWEB to jump directly to the remote connection interface (only one device can be selected at a time)

Device Details

Click the serial number in the device list to open the details page for a single device.

It can display the base information of the device, CPU and memory usage, device Status, WAN INTERFACE INFO and LAN INTERFACE INFO information.



Status:

User sessions:The number of running sessions for the device.

Uptime:The running time of the AP, every time the device is restarted, the time is re-timed.

WAN INTERFACE INFO:Display WAN port information.

LAN INTERFACE INFO:Display LAN port information.

How to Upgrade Gateway With One Click?

Step 1 Enter the Gateway management interface.

Step 2 Select the device that needs to be upgraded.

Step 3 Stand-alone UPGRADE.

+ ADD DEVICE DELETE DEVICE RESET FACTORY REBOOT UPGRADE Serial number, hostname 🔍 REFRESH									
☐	Status	Serial number	Model	Hostname	Version	Last update	MAC	WAN IP	Notes
☐	Online	AC105001206280000	WI-AC105P	AC105P	v5.0.build20220407-0726-5fa84c4	2022-04-27 11:26:40	E4:67:1E:09:90:5F	113.89.101.36	
Records per page: 10 1-1 of 1									

Notice: The device has a new version, the version column will prompt.

1.3.7 Switch Management Interface

Steps to enter the Switch interface:Click **MONITORING > Device >Switch**

+ ADD DEVICE

DELETE DEVICE

RESET FACTORY

REBOOT

UPGRADE

EWEB

TELNET

Serial number, hostname 🔍

REFRESH

☐	Status	Network Name	Serial number	Model	Hostname	Version	Last update	MAC	WAN IP	Notes
☐	✔️ Online	Demonstrate	SN55668888389988A	WI-PCMS310GF	1F🔗	WI-PCMS310GF_V10221025	2022-11-03 11:41:15	10F0:13F1:6F:37	192.168.20.193	🔗
☐	✔️ Online	Demonstrate	SN55668888389988B	WI-PCMS328GF	6666666🔗	WI-PCMS328GF_V10221025	2022-11-03 11:40:58	10F0:13F1:74:4B	192.168.20.235	🔗
☐	✔️ Online	Demonstrate	SN111222333444555	WI-CGS5026	hellokitty🔗	WI-CGS5026_V10221025	2022-11-03 11:41:22	10F0:13F1:7A:AE	192.168.20.233	🔗
☐	✔️ Online	Demonstrate	SN222333444555666	WI-CGS5018	4F🔗	WI-CGS5018_V10221025	2022-11-03 11:41:14	10F0:13F1:7A:AF	192.168.20.234	🔗
☐	✔️ Online	Demonstrate	WITEK556677888999	WI-PCES306G	Cloud Easy Smart🔗	V100SP10221102 Upgradeable	2022-11-03 11:40:44	84E5:D8E0:0F:06	192.168.20.131	🔗
☐	✔️ Online	Demonstrate	PCMS310GF0221020A	WI-PCMS310GF-O	Cloud PoE Switch🔗	WI-PCMS310GF-O_V10221012	2022-11-03 11:40:43	84E5:D8E0:15:DC	192.168.20.183	🔗

Records per page: 20 1-6 of 6

The Switch List displays basic device information, including online/offline status, **Serial number**, **Model**, **Hostname**, **Version**, **Last update**, **MAC**, **WAN IP** and **Notes**.

Network Name: The displayed name is , the created project name

Serial number: displayed as the SN code of the device, click the SN code of the device to enter the detailed interface of the device.

Hostname: Modify the Switch alias, easy to identify where the device is installed

Above the list are the **ADD DEVICE, DELETE DEVICE, RESET FACTORY, REBOOT and UPGRADE.**

ADD DEVICE:

If a new device is added, you can click ADD DEVICE to add it to the cloud platform.

DELETE DEVICE:

If the device is no longer needed, you can select the device and click DELETE DEVICE.

RESET FACTORY:

If you need to factory reset the device, select the device and click RESET FACTORY.

REBOOT:

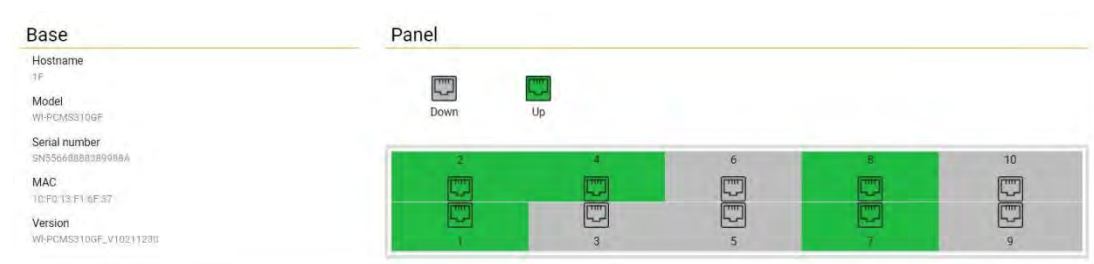
If the device needs to be restarted, select the device and click REBOOT.

If the device needs to be upgraded, select the device and click UPGRADE.

EWEB: Select the device, click EWEB to jump directly to the remote connection interface (only one device can be selected at a time)

Device Details

Click the serial number in the device list to open the details page for a single device.

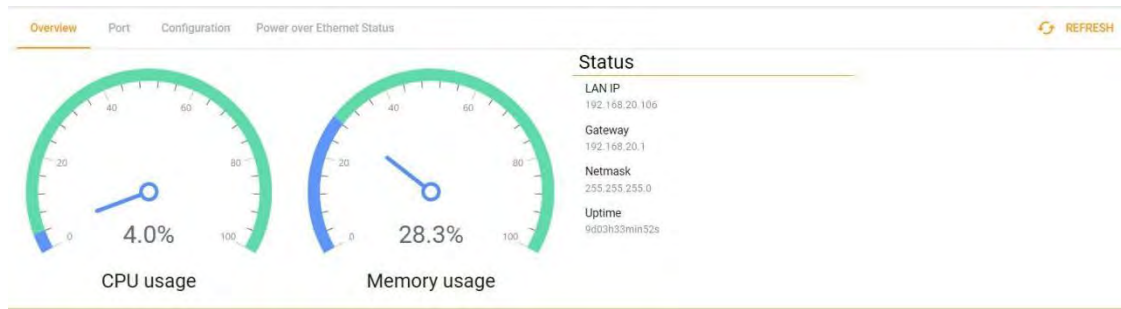


Note: Gray ports are empty ports.

The green port is the port in use.

Overview

Displays the CPU and memory usage of the switch and basic operating status information of the switch.



LAN IP: Displayed as the management IP address of the switch

Uptime: The running time of the switch, the device restarts to restart the timing.

Port

It can display switch port information, configure port mode, close and open ports, close and open POE ports, etc.

Port Configuration

Configure ports: []

Port List

Port	Port Name	Link status	Speed	Duplex	Flow(Tx/Rx)	Rate(Tx/Rx)	Port mode	PVID	TAG VLAN	UNTAG VLAN
1	gi1	Up	100Mbps	Full duplex	242MB/677MB	3/5 Kbps	trunk	1	-	1
2	gi2	Up	100Mbps	Full duplex	391MB/329MB	1/6 Kbps	trunk	1	-	1
3	gi3	Down	0Mbps	Auto	0/0	0/0 Kbps	trunk	1	-	1
4	gi4	Up	100Mbps	Full duplex	1GB/686MB	1/6 Kbps	trunk	1	-	1
5	gi5	Down	0Mbps	Auto	0/0	0/0 Kbps	trunk	1	-	1
6	gi6	Down	0Mbps	Auto	336MB/959MB	0/0 Kbps	trunk	1	-	1

Configure ports: Display the port number that needs to be configured.

Flow(Tx/Rx): Port accumulated traffic.(The device restarts and the cumulative flow is recalculated)

Rate(Tx/Rx): Currently used bandwidth traffic.

Configuration

Configure VLAN ID

VLAN List

ADD VLAN

Configure success

VLAN ID	Description	Port	Configure
1	default	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	-
4	VLAN0004		DELETE
5	VLAN0005		DELETE
12	12345t		DELETE

Records per page: 10 1-4 of 4

ADD VLAN :Add new VLAN ID

Power over Ethernet Status

Display the port power supply information of the POE switch

Overview

Port

Configuration

Power over Ethernet Status

REFRESH

PoE Port List

Total PoE Power : 140.00 W, Current PoE Power : 17.00 W.

Port	Port Name	Support PoE	Force Power Enable	Power (mW)	Current (mA)
1	gi1	Support	Enable	2.60	49.00
2	gi2	Support	Enable	2.20	43.00
3	gi3	Support	Disable	-	-
4	gi4	Support	Enable	6.00	107.00
5	gi5	Support	Disable	-	-
6	gi6	Support	Disable	-	-
7	gi7	Support	Enable	2.40	41.00
8	gi8	Support	Disable	-	-
9	gi9	does not support	Disable	-	-

FDB

MAC	Port	VLAN
00:99:99:4C:BB:4C	7	1
00:99:99:87:A5:67	1	1
00:99:99:93:A5:93	1	1
10:FD:13:F1:7A:AE	8	1
10:FD:13:F1:7A:AF	8	1
44:D1:FA:75:BB:4C	7	1
44:D1:FA:8B:B1:BC	2	1
44:D1:FA:A6:82:FA	4	1
44:D1:FA:C4:A5:65	1	1
44:D1:FA:C4:A5:91	1	1

Smart Device

LAN IP	Model	MAC	Port	VLAN
No data is available				

Records per page: 10 1-10 of 11

FDB: MAC address forwarding table.

Smart Device: Display smart devices that support ONVIF protocol

How to Configure Switch VLANs?

1.Create a VLAN ID number

Step 1 Click the SN of the switch to enter the switch details interface

Step 2 Click Configuration

Step 3 Click on ADD VLAN

Step 4: Add VLAN ID

Step 5 Click Save

Overview Port **Configuration** Power over Ethernet Status REFRESH

VLAN List

SAVE CANCEL

VLAN: Description:

VLAN: 1-4094 Description:

VLAN ID	Description	Port	Configure
1	default	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	
4	VLAN0004		DELETE
5	VLAN0005		DELETE
12	12345t		DELETE

Records per page: 10 1-4 of 4

Note: Create VLAN IDs in the range 1-4094

2. Set the port mode and add the port to the corresponding VLAN

Step 1 Click on port

Step 2 Select the port (multiple selection or single selection)

Step 3 Select the port mode

Step 4 Choose to add the port to the VLAN

Step 5 Click Save

Base Panel

Hostname: 1F
Model: WI-PCMS310GF
Serial number: SN5566888389988A
MAC: 10:F0:13:F1:6F:37
Version: WI-PCMS310GF_V10211230

Down Up

Overview **Port** Configuration Power over Ethernet Status

Port Configuration

Configure ports: [gi3, gi5]

Overview **Port** Configuration Power over Ethernet Status REFRESH

Port Configuration

Configure ports: [gi3, gi5]

Port Enable Enable	Port mode Trunk
Auto-Negotiation Enable	VLAN 1
Duplex Auto	TAG VLAN
Speed 1000M	VLAN list 1~8,12,15~19
PoE Enable Enable	UNTAG VLAN
	VLAN list 1~20,4

SAVE

Note: The port mode is Trunk, Hybrid mode, you need to manually fill in the TAG VLAN ID or UNTAG VLAN ID that can pass.

How to open and close ports?

Step 1 Click the SN of the switch to enter the switch details interface Step 2 Click on port

Step 3 Select the port to close

Step 4 Click Port Enable and select Disable(Turn on select Enable)

Step 5 Click Save

	Status	Serial number	Model	Hostname	Version	Last update	MAC	WAN IP	Notes
☐	Online	SN3566888389988A	WI-PCMS310GF	1F	WI-PCMS310GF_V10211230	2022-05-04 10:07:46	10F0:13F1:6F:37	192.168.20.107	
☐	Online	SN111222333444555	WI-CGS5026	3F	WI-CGS5026_V10211230	2022-05-04 10:08:06	10F0:13F1:7A:AE	192.168.20.102	
☐	Online	SN222333444555666	WI-CGS5018	4F	WI-CGS5018_V10211230	2022-05-04 10:10:56	10F0:13F1:7A:AF	192.168.20.101	

Records per page: 10 1-3 of 3

SN3566888389988A

MAC
10F0:13F1:6F:37

Version
WI-PCMS310GF_V10211230

2	4	6	8	10
1	3	5	7	9

Overview **Port** Configuration Power over Ethernet Status REFRESH

Port Configuration

Configure ports: [gi3]

Port Enable Enable	Port mode Trunk
Auto-Negotiation Enable	VLAN 1
Duplex Auto	TAG VLAN
	VLAN list 1~2,12,15~19

How to open and close PoE ports?

Step 1 Click the SN of the switch to enter the switch details interface

Step 2 Click on Port

Step 3 Select the port to close

Step 4 Click PoE Enable and select Disable(Turn on select Enable)

Step 5 Click Save

The screenshot displays the switch management interface. At the top, there are buttons for '+ ADD DEVICE', 'DELETE DEVICE', 'RESET FACTORY', 'REBOOT', and 'UPGRADE'. A search bar for 'Serial number, hostname' and a 'REFRESH' button are also present. Below this is a table listing three switches. The first switch, with serial number SN5566888E9F9988A, is selected. The interface then shows the 'Port' configuration page for this switch. It includes a diagram of the switch ports (1-10) with ports 1, 2, 3, and 4 highlighted in green. The 'Port Configuration' section shows the 'Configure ports: [gi3]' and a list of port settings. The 'PoE Enable' dropdown is set to 'Enable', and the 'Port mode' is set to 'Trunk'. The 'VLAN' dropdown is set to '1'. The 'TAG VLAN' field is empty, and the 'UNTAG VLAN' field is set to '1-4094'. A 'SAVE' button is located at the bottom right.

Status	Serial number	Model	Hostname	Version	Last update	MAC	WAN IP	Notes
Online	SN5566888E9F9988A	WI-PCMS310GF	1F	WI-PCMS310GF_V10211230	2022-05-04 10:07:46	10F0:13F1:6F:37	192.168.20.107	
Online	SN111222333444555	WI-CG55026	3F	WI-CG55026_V10211230	2022-05-04 10:08:06	10F0:13F1:7A:AE	192.168.20.102	
Online	SN222333444555666	WI-CG55018	4F	WI-CG55018_V10211230	2022-05-04 10:10:56	10F0:13F1:7A:AF	192.168.20.101	

Records per page: 10 1-3 of 3

Serial number
SN5566888E9F9988A

MAC
10F0:13F1:6F:37

Version
WI-PCMS310GF_V10211230

Port Configuration

Configure ports: [gi3]

Port Enable: Disable

Auto-Negotiation: Enable

Duplex: Auto

Speed: 1000M

PoE Enable: Enable

Port mode: Trunk

VLAN: 1

TAG VLAN

UNTAG VLAN

SAVE

How to make the port restart automatically?

Step 1 Click the SN of the switch to enter the switch details interface

Step 2 Click on Port

Step 3 Select the port to close

Step 4 Click Advanced

Step 5 Select and fill in the threshold according to your needs

Step 6 Click Save

+

ADD DEVICE

DELETE DEVICE

RESET FACTORY

REBOOT

UPGRADE

Serial number, hostname

REFRESH

☐	Status	Serial number	Model	Hostname	Version	Last update	MAC	WAN IP	Notes
☐	Online	SN55608888399988A	WI-PCMS310GF	1F	WI-PCMS310GF_V10211230	2022-05-04 10:07:46	10F0:13F1:6F:37	192.168.20.107	
☐	Online	SN111222333444555	WI-CGS5026	3F	WI-CGS5026_V10211230	2022-05-04 10:08:06	10F0:13F1:7A:AE	192.168.20.102	
☐	Online	SN222333444555666	WI-CGS5018	4F	WI-CGS5018_V10211230	2022-05-04 10:10:56	10F0:13F1:7A:AF	192.168.20.101	

Records per page: 10 1-3 of 3

Serial number
SN55608888399988A

MAC
10F0:13F1:6F:37

Version
WI-PCMS310GF_V10211230

2 4 6 8 10

1 3 5 7 9

Overview

Port

Configuration

Power over Ethernet Status

REFRESH

Port Configuration

Configure ports: [gi3]

Configure ports: [gi3]

Port Enable
Enable

Auto-Negotiation
Enable

Duplex
Auto

Speed
1000M

PoE Enable
Enable

Port mode
Trunk

VLAN
1

TAG VLAN

VLAN list: 1-9,12,15-19

UNTAG VLAN
1

VLAN: 1-4094

Advanced

SAVE

POE Enable
Enable

Advanced ^

Port Description

Port Description

Flow monitor
Lower

Threshold
100

10~1000000 Kbps

Interval
10

1~120

Action
Reset

SAVE

Port Description: A description of the port (such as linking an IP camera, describe the 1F IP camera)

Flow monitor: You can choose Disable, Lower, Upper; Disable closes this function, Lower is less than the flow, Upper is more than the flow

Threshold: flow size threshold

Interval: Monitoring interval time (in seconds)

Action: You can choose Report, Reset, Shutdown. (Report is to notify the user by email when the port is abnormal, Reset is to restart the port, and Shutdown is to close the port directly. To open it, you need to open it manually.)

1.4 Terminal

1.4.1 IP camera

Smart Device can view all ONVIF protocol smart terminal devices in the LAN.

Steps to enter the Smart Device interface: Click MONITORING > Device > Smart Device

Smart Device				
Hostname	Model	IP	MAC	Tunnel
Dahua IPC-HFW4433F-ZSA	IPC-HFW4433F-ZSA	192.168.20.201	38:AF:29:DD:D4:CF	EWEB
HIKVISION DS-2CD3T45-I3	DS-2CD3T45-I3	192.168.20.202	A4:14:37:D6:95:74	EWEB

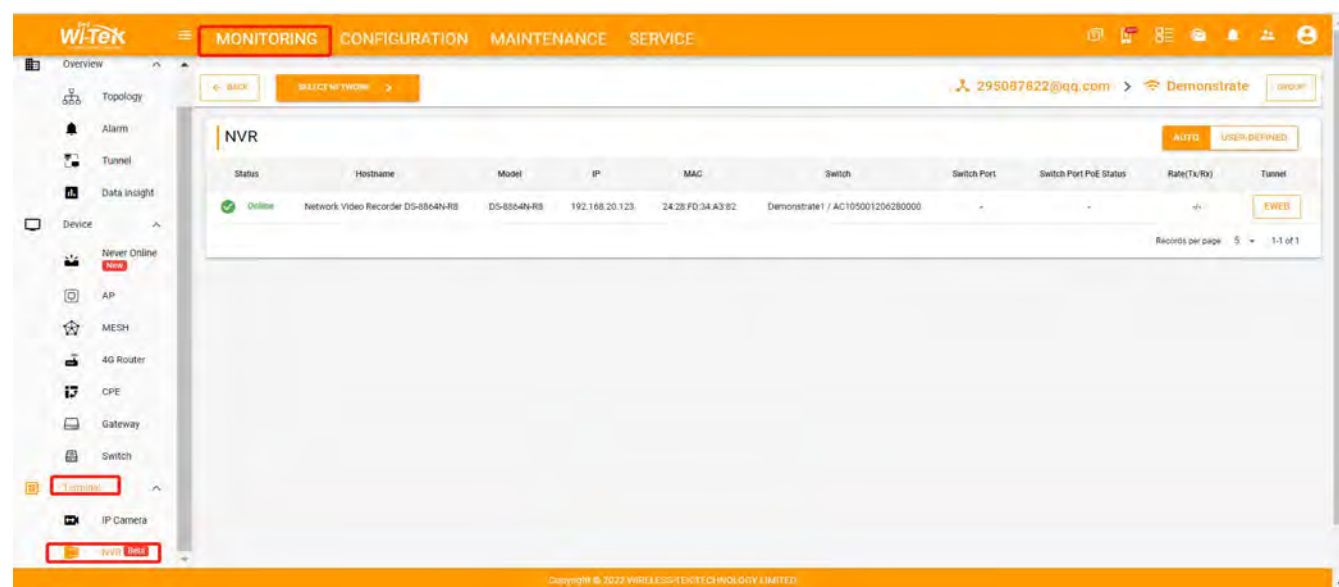
1.4.2 NVR

Scenario requirements

Let the VNR display on the network topology to facilitate later troubleshooting, and to see if the NVR is online. NVR identification is divided into automatic identification and manual addition. When the NVR device cannot be automatically identified, it needs to be added manually.

Configuration steps

1. Steps to enter the NVR interface: Click CONFIGURATION >> Terminal>>NVR



The following describes the functions on this screen:

Status: Current online and offline status of NVR

Host name: NVR device name

Mode: The device model of the MVR

MAC: MAC address of NVR

Switch: If it is directly connected to the switch, the SN of the switch will be displayed here

Switch Port: Connect to the port number on the switch

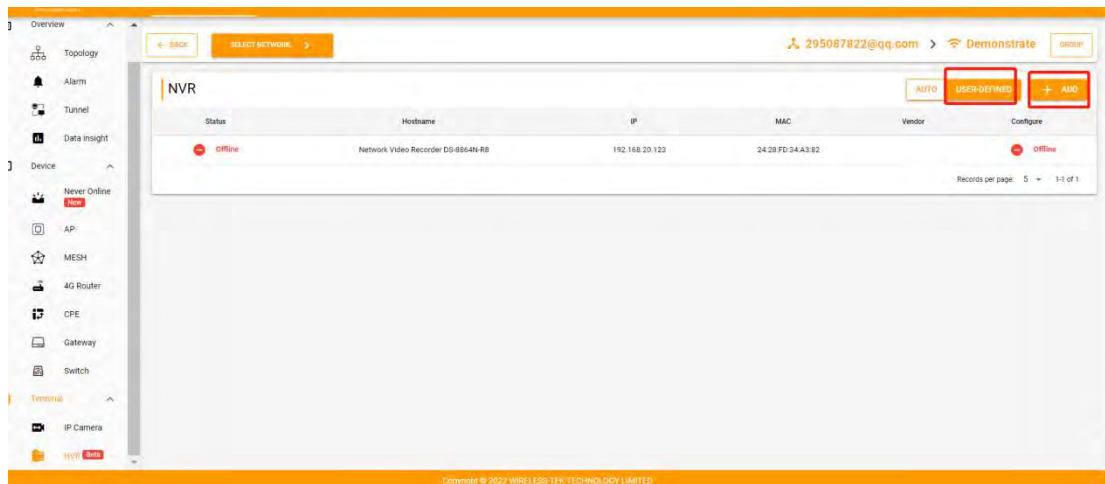
Switch Port POE Status: connected to the switch POE status

Rate(Tx/Rx): Data transmission traffic

Tunnel: EWEB accesses NVR remotely

2.USER-DEFINED configuration.

Click the USER-DEFINED button > ADD



3.Fill in the device name, IP address, MAC, Vendor and click save to complete the configuration.

NVR

Hostname

IP: 192.168.100.11

MAC

Vendor: Hikvision

CLOSE SAVE

2.CONFIGURATION

2.1 Wireless

2.1.1Basic

Wireless Basic is to configure the basic functions of wireless such as SSID, radio frequency etc.

Note: Currently only valid for APs in cloud management mode

Steps to enter the Wireless Basic interface:Click CONFIGURATION > Wireless >Basi



The following describes the functions on this screen:

ADD+: is to configure the wireless SSID, password, and other basic configuration information.

Radio: Enable 2.4G, 5G signal and configure 5G signal priority. (The default is to enable 2.4G and 5G signals)

Advanced: Configure the black and white list of wireless users.

Click on the ADD+ interface

 A detailed screenshot of the 'ADD+' configuration page. It shows several input fields and checkboxes. At the top, there's a field with 'test888'. Below it, 'Encryption' is set to 'WPA-PSK+WPA2-PSK'. The 'KEY' field contains 'w88888888'. 'MAX Num of User' is set to '32'. 'VLAN BINDING' is set to '0'. There's a section for 'SSID ratelimit' with a checked checkbox. Below that, 'Upload' is set to '200' and 'Download' is set to '1000', both with units of 'KB/s'. The 'Radio' section has two checked checkboxes: 'Radio-1 (2.4G)' and 'Radio-2 (5G)'. The 'Advanced Feature' section at the bottom has four checkboxes: 'Isolate' (checked), 'Hidden' (unchecked), 'Enable WMM' (checked), and 'GBK' (unchecked).

Here is a description of what this screen does:

SSID: wireless name

Encryption: Select the wireless encryption method

Maximum number of users: the maximum number of user connections for a single AP. (If the set value is exceeded, the following users cannot connect to the AP)

VLAN BINDING: 0 means no binding, fill in the corresponding vlan ID if binding is required

SSID rate limit: limit the total speed of users under this SSID.

CBK: Solve the problem that the old mobile phone cannot display the correct SSID name usually.

Radio-1 (2.4G): Select to indicate that the wireless configuration is applied to the 2.4G wireless signal

Radio-2 (5G): Select to indicate that this radio configuration is applied to the 5G radio signal

Isolate: Users cannot access each other.

Hidden: Select to indicate that the wireless SSID is not broadcast, and the SSID name is hidden.

Enable WMM: wireless protocol, keep the default

Radio

The screenshot displays the 'Radio' configuration page with two panels: 'Radio 1 - 2.4G' and 'Radio 2 - 5G'. Both panels have an 'Enabled' toggle switch (currently blue, indicating it is on). Below the toggle, the 'RTS/CTS Threshold' is set to 2347. The 'Radio 2 - 5G' panel includes additional settings: '5G priority' (checked), 'U-APSD' (unchecked), 'FILS Support' (checked), and '802.11 k/v/r Roaming' (checked). Each panel has a 'SAVE' button at the bottom.

The following describes the functions on this screen:

Enabled: Enable is disable the signal. (Blue is on and gray is off)

RTS Threshold: (generally keep the default and do not need to be changed)

5G First: Select the 5G signal will take priority when the 2.4G and 5G signal SSIDs are the same.

U-APSD: It is part of the 802.11e Standard and is related to power saving. To make it simple, if a network card doesn't have to transmit anything, it will go in standby mode.

FILS Support: is the 802.11 fils wireless protocol, keep the default

802.11kvr Roaming: select wireless user roaming will switch quickly

Advanced

STA allow/deny List
Control wireless client access network(allow or deny configured sta list).

SSID

List Type: ☐ Allow List ☒ Deny List

TEST888

+ ADD MAC

MAC

MAC

Remarks

Configure

No data available

AP LED timer
AP LED timer Enable ☐

AP Radio timer
AP Radio timer Enable ☐

The following describes the functions on this screen:

Allow List: Except that the device with the added MAC address can connect to the wireless SSID, other devices cannot connect.

Deny List: Except that the device with the added MAC address cannot connect to the wireless SSID, all other devices can connect.

+ADD MAC: Add MAC address.

AP LED timer: Only support specific models of APs

AP Radio timer: Turn off WiFi signal

How to configure wireless SSID?

Step 1 Click CONFIGURATION > Wireless>Basic

Step 2 Click ADD +

Step 3 Fill in the SSID name and encryption method and set the password, etc. (there are no special cases, other options remain default)

Step 4 Click Save



Edit Wireless

SAVE
BACK

SSID
 test

Encryption
 WPA-PSK+WPA2-PSK

KEY
 w88888888

MAX Num of User
 32

VLAN BINDING
 0

GBK ☐

Radio
☒ Radio-1 (2.4G) ☒ Radio-2 (5G)

Advanced Feature
☒ Isolate ☐ Hidden ☒ Enable WMM

How to set up wireless whitelist?

Step 1 Click CONFIGURATION > Wireless > Basic > Advanced Step 2 Select Allow List

Step 3 Select SSID name

Step 4 Click + ADD MAC to add the user MAC address that can connect to the SSID

wireless name

Step 5 Click Save



Advanced ^

STA allow/deny List

Control wireless client access network(allow or deny configured sta list).

SSID: TEST

List Type: ☒ Allow List ☐ Deny List

+ ADD MAC

MAC	Remarks	Configure
No data available		

STA allow/deny List

Control wireless client access network(allow or deny configured sta list).

List Type: ☒ Allow List ☐ Deny List

ADD MAC

MAC: BD:12:45:87:FF:CD
Example: 12:34:56:78:ab:cd

Remarks: Office computer

SAVE BACK

No data available

Note: To configure the blacklist, you only need to set the blacklist in the options and the other steps are the same.

2.1.2 Layout

1. Scenario requirements

It can only be used for after-sales heat maps, not for pre-sales rehearsal of WIFI signal coverage.

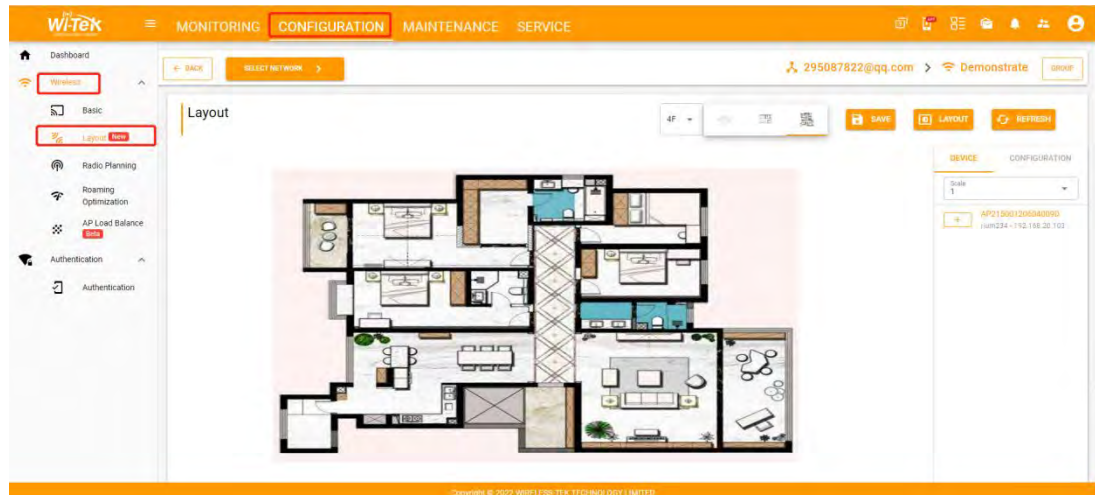
It is generally used to upload CAD drawings after WIFI equipment is installed, and put the real AP into the corresponding position, which is convenient for later maintenance to check the specific installation position of the equipment.

Then it is convenient to check the WIFI coverage of the project and the operating status of the device.

It is convenient to adjust the wireless S radio frequency information between adjacent APs

2. Configuration steps

2.1 Steps to enter the Layout interface: Click CONFIGURATION >> Wireless>>Layout



The following describes the functions on this screen:

SAVE: Download the picture of the device placed

LAYOUT: Upload a floor plan

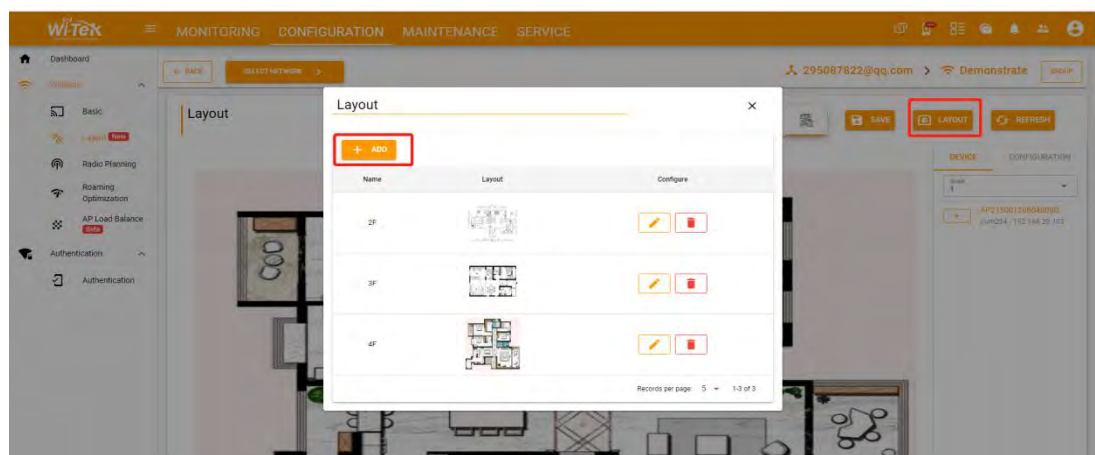
REFRESH: Refresh the interface

DEVICE: list of APs used in the project

CONFIGURATION: Set the RF information of the AP

2.2 Upload a Floor Plan Infographic

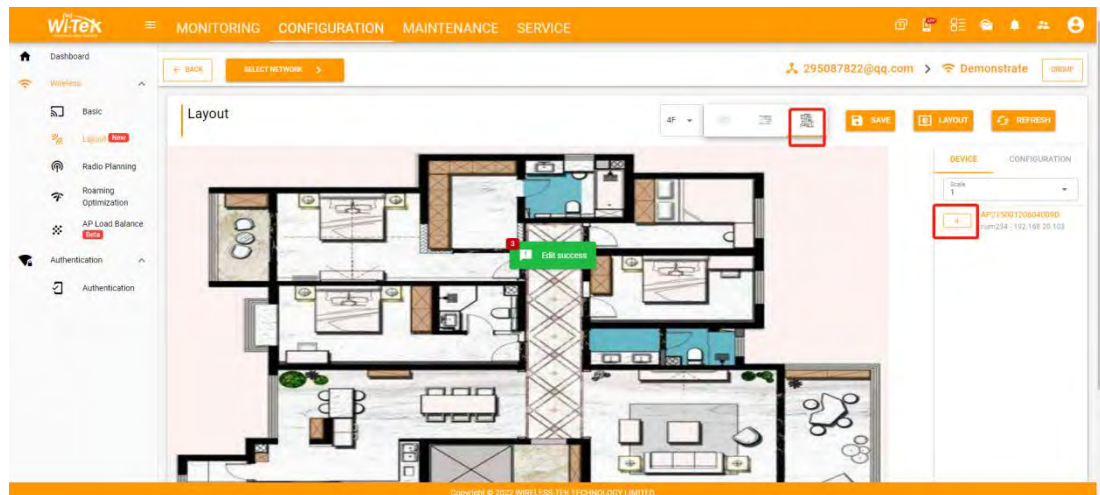
Click the LAYOUT button > ADD (Fill in the name of the infographic, click to upload the infographic, and save)



Step 1. Add wireless APs to the floor plan

Step 2. Select the corresponding floor plan

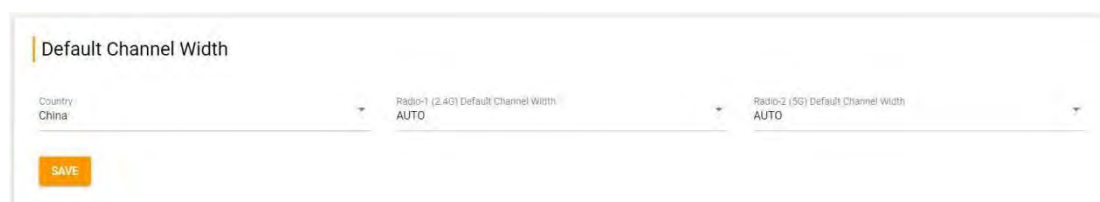
Step 3. Click the + sign in front of the AP to add the AP to the floor plan and then drag it to the correct position



2.1.3 Radio Planning

Radio Planning configures wireless bandwidth, transmit power, channel and wireless optimization, etc.

Steps to enter the Radio Planning interface: Click CONFIGURATION > Wireless > Radio Planning



The following describes the functions on this screen:

country: It is related to the use of the wireless AP channel, please select the country where the AP is used.

Radio-1(2.4G) Default Channel Width: select 2.4G channel.

Radio-2(5G) Default Channel Width: Select the 5G channel.

Auto Planning

PLAN NOW CUSTOM CHANNEL AUTO ALLOCATE CHANNEL SCAN SETTING PLAN RESULT

Scan Mode:

Deep Scan

Client will be disconnected

Will collect all aspect signal info

Generic Scan

Stay very short in every channel, so some signal info may be lost

Client will not be disconnected

Enable Config AP: Disable

PLAN NOW

The following describes the functions on this screen:

PLAN NOW: Select this option to make the plan take effect immediately.

CUSTOM CHANNEL: Select the required channel, and the selected channel will be used when planning.

AUTO ALLOCATE CHANNEL: When the option is turned on, the system will assign the channel by default

SCAN SETTING: The wireless AP can scan the schedule periodically.

PLAN RESULT: View planning results.

Manual Planning

SET POWER

Serial number	MAC	Hostname	Model	Radio1(Channel/Txpower/HT)	Radio1(2.4G)-Channel	Radio1(2.4G)-Power
AP2150012060400BE	44-D1-FA-8B-B1-BC	1F-1	Wi-AP215	3/29/HT20	Auto	
AP216AX2012180MD	44-D1-FA-A8-82-F6	1F-3	Wi-AP218AX	1/50/HT20	Auto	

Records per page: 10 1-2 of 2

Config

Serial number:

Country:

Radio-1 (2.4G)

Channel:

Power:

Radio-2 (5G)

Channel:

Power:

SAVE

How to automatically plan wireless?

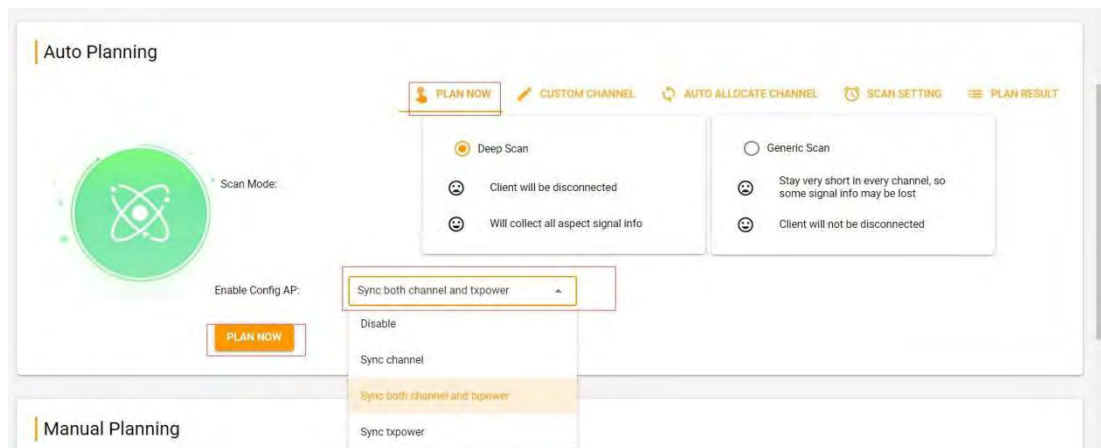
PLAN NOW

Step 1 Click CONFIGURATION > Wireless > Radio Planning

Step 2 Click PLAN NOW

Step 3 Select Enable Config AP (Sync both channel and tx power)

Step 4 Click PLAN Now



SCAN SETTING

Step 1 Click CONFIGURATION > Wireless > Radio Planning

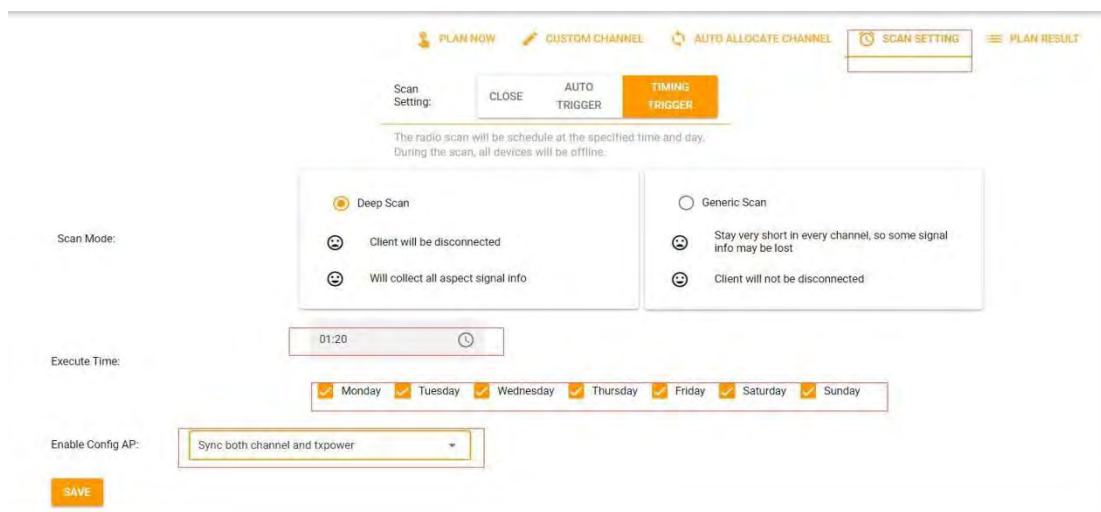
Step 2 Click SCAN SETTING

Step 3 Click TIMING TRIGGER

Step 4 Click the clock icon to adjust the time and select the day of the week to execute.

Step 5 Select Enable Config AP (Sync both channel and tx power)

Step 6 Click Save



How to Manually Configure Wireless Power and Channels?

Step 1 Click CONFIGURATION > Wireless > Radio Planning

Step 2 Click the SN of the device to select the device.

Step 3 Fill in the 2.4G channel and power, 5G channel and power that you need to set in the config box on the right.

Step 4 Click Save

Manual Planning

SET POWER

Serial number	MAC	Hostname	Model	Radio1(Channel/Txpower/HT)	Radio1(2.4G)-Channel	Radio1(2.4G)-Power
AP2150012060400BE	44:D1:FA:8B:B1:BC	1F-1	Wi-AP215	3/29/HT20	Auto	
AP218AX2012180040	44:D1:FA:A8:82:F6	1F-3	Wi-AP218AX	1/50/HT20	Auto	

Records per page: 10 1-2 of 2

Config

Serial number: AP2150012060400BE

Country: CN

Radio-1 (2.4G)

Channel: Auto

Power: Auto

Radio-2 (5G)

Channel: Auto

Power: Auto

SAVE

2.1.4 Roaming Optimization

Roaming Optimization, you can choose wireless roaming settings by AP type or project type area.

Steps to enter the Roaming Optimization interface:Click CONFIGURATION > Wireless

Roaming Optimization Configuration

Optimization: ☒ Enable

Category: Guesthouse

SELECT

AP Grouping Mode: ☒ Region ☐ Type

Guest room 0 AP

Dining room 1 AP

SAVE

One AP cover one room

One AP cover many rooms

The following describes the functions on this screen:

SELECT: Click SELECT to select the item type

AP Grouping Mode: switch by AP type or area

How to Set Up Wireless Roaming?

Step 1 Click CONFIGURATION > Wireless > Roaming Optimization.

Step 2 Enable the Optimization function.

Step 3 Click SELECT to select the type, and then click CONFIRM.

Step 4 Select AP Grouping Mode.

Step 5 Click the AP behind the area to add the AP to the area.

Step 6 Drag the picture on the right to adjust the appropriate position of the AP power.

Step 7 Click Save

Roaming Optimization Configuration

Optimization: ☒ Enable

Category: Guesthouse **SELECT**

AP Grouping Mode: ☒ Region ☐ Type

Guest room	1 AP
Dining room	1 AP

SAVE

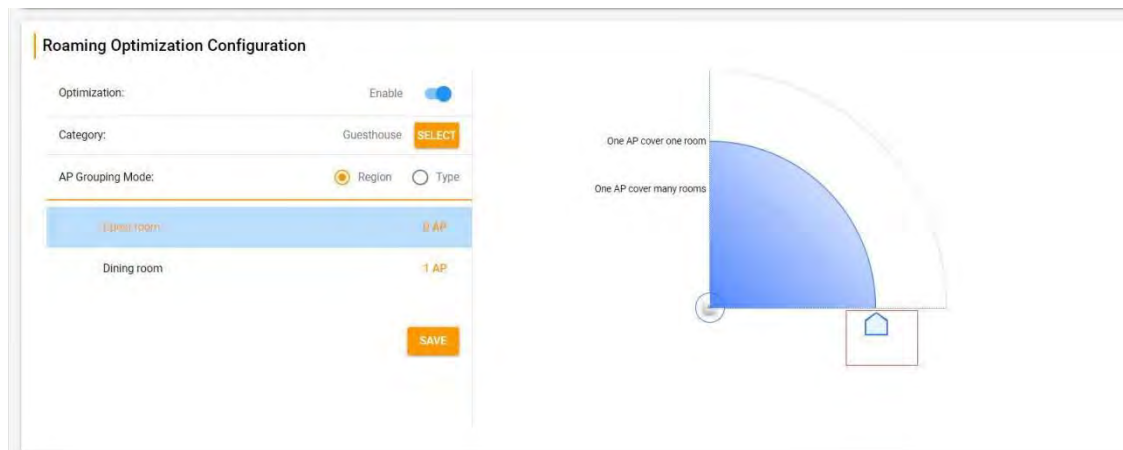
One AP cover one room
One AP cover many rooms

Select Category

☐ House
☐ Warehouse
☐ Office
☒ Guesthouse

CONFIRM

SAVE



2.1.5 AP Load Balance

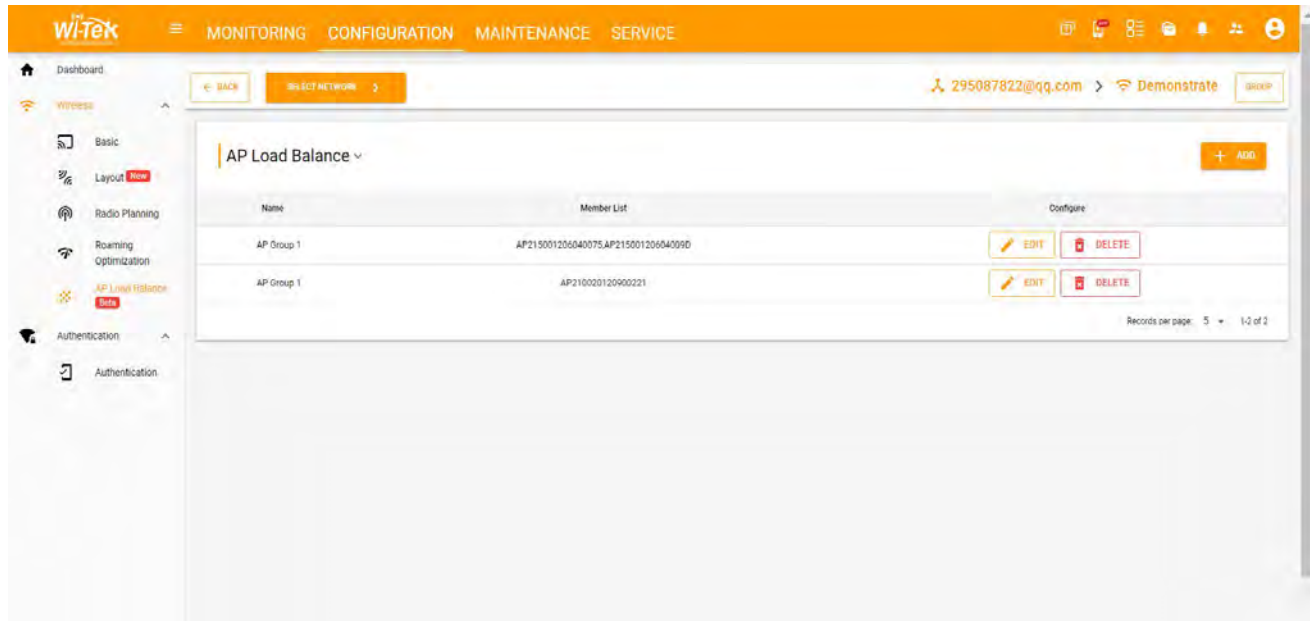
Scenario requirements

Wireless load balancing ensures that clients are evenly distributed across all APs, using network resources efficiently. Load balancing is achieved by assigning all APs in the same area to the same load balancing group to control access by wireless clients. For example, there are 15 clients associated with AP1 and 10 clients associated with AP2. The currently configured threshold is 3, and the client difference between the two APs is 5, which is greater than the threshold. Therefore, subsequent wireless clients will associate with AP2.

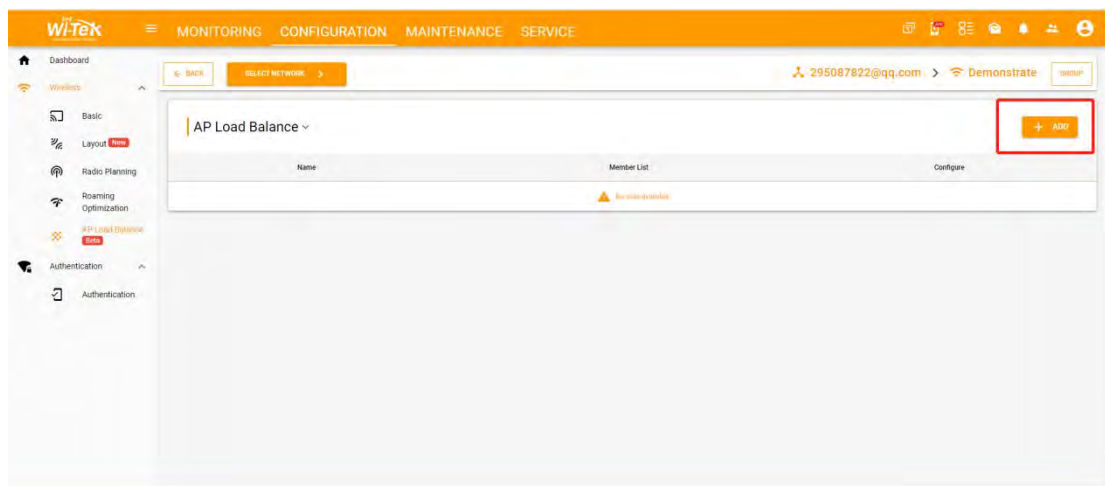
Configuration steps

- Steps to enter the AP Load Balance interface: Click CONFIGURATION >>

Wireless>>AP Load Balance



2. Click the ADD button to create an AP load balancing group.



3. Configure load balancing group parameters, including balancing group name, policy rules, and AP members in the group. After the configuration is complete, click <Save>.

Balance according to the number of associated users: When the number of users of an AP in the group reaches n , and the maximum difference between the number of users associated with other APs in the group reaches m , load balancing is performed.

associates with an AP and is rejected for p times, the user is allowed to associate again.

AP Load Balance OK/Cancel Save

Name: Balance threshold:
 Differ threshold: Max Association Retries:

Balance Rule: When an AP had associated with 5 clients and the count difference between current AP and other AP in group reach 3, clients should associate with the lighter load AP. If a client had request for association exceed 10 times, the association should be allowed.

	Serial number	Name	Model	Version	Hostname
☒	AP215001206040075	—	Wi-AP215	v4.3.build20220919-2021-0878958	rum11122
☒	AP215001206040090	—	Wi-AP215	v4.3.build20220919-2021-0878958	rum234
☒	AP217001206020258	—	Wi-AP217	v4.3.build20220916-1922-0878958	Wi-TEJ-AP

3 records selected. Records per page: 5 1-3 of 3

2.2 Authentication

Portal

On the Portal page, you can edit the portal template, which can display different images.

You can also choose different authentication methods.

Steps to enter the Authentication interface:

Click CONFIGURATION > Wireless > Authentication

After the Authentication function is turned on, there will be two Service Zone options, divided into interface-based authentication and SSID-based authentication

SSID based authentication

The SSID that requires authentication is added, and the SSID that does not require authentication does not need to be filled in.

Service Zone

Service Zone + ADD

SSID-based service areas should only be used by bypass AC.

Note: SSID-based authentication is only applicable when the AC is in the bypass mode to manage the AP, and cannot be used when the AC is in the router mode.

port-based authentication

If the LAN port needs to be authenticated, select the port. If the port is not selected, the user under the port does not need to be authenticated.

The screenshot shows a configuration page for port-based authentication. At the top, there is a toggle switch for 'Authentication' which is currently turned on, with an 'Enable' label to its right. Below this, there is a 'Service Zone' section. Under 'Service Zone', there is a dropdown menu labeled 'Interface' which is currently set to 'lan'. To the right of this dropdown is a list of interfaces: 'lan', 'lan4', 'lan4_100', and 'lan4_101'. Each interface has a checkbox next to it. The 'lan' checkbox is checked. A red error message 'Interface is required' is displayed below the interface list. The 'Service Zone' label is also present to the left of the dropdown.

Notice: Port-based authentication is used when the AC is in router management mode. If the AC is in bypass mode, port-based authentication cannot be used.

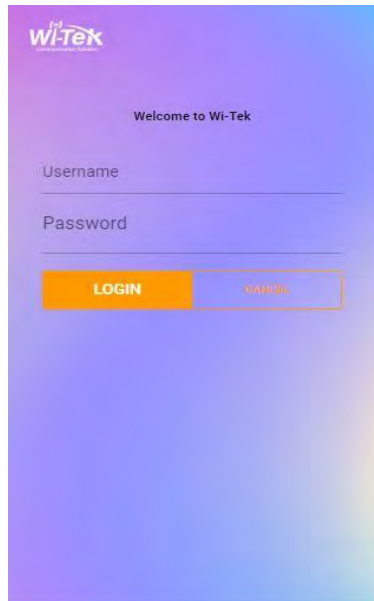
There are 5 authentication methods, **namely Local User Auth; Voucher Auth; unique password; Phone Auth;**

Local User Auth:

You need to manually create a local account. The account can be permanent or time-controlled, such as 1 day, 10 days, etc.

The screenshot shows the 'Local User Auth' configuration page. On the left, there is a sidebar with 'Local User Auth' selected and 'Enable' status. The main area shows a form for creating a local account. The form has fields for 'Account' (set to 'user001') and 'Password' (set to 'user001pass'). Below these fields, there is a 'Due time' section with a date picker set to '2022-09-04T17:43' and a 'Permanent' toggle switch which is currently turned on. At the bottom of the form, there are 'BACK' and 'SAVE' buttons. In the background, other authentication methods like 'Phone Auth' and 'One-Key Auth' are visible with 'Disable' status.

The page for One-click Login:



Wi-Tek
WIRELESS TECHNOLOGY

Welcome to Wi-Tek

Username

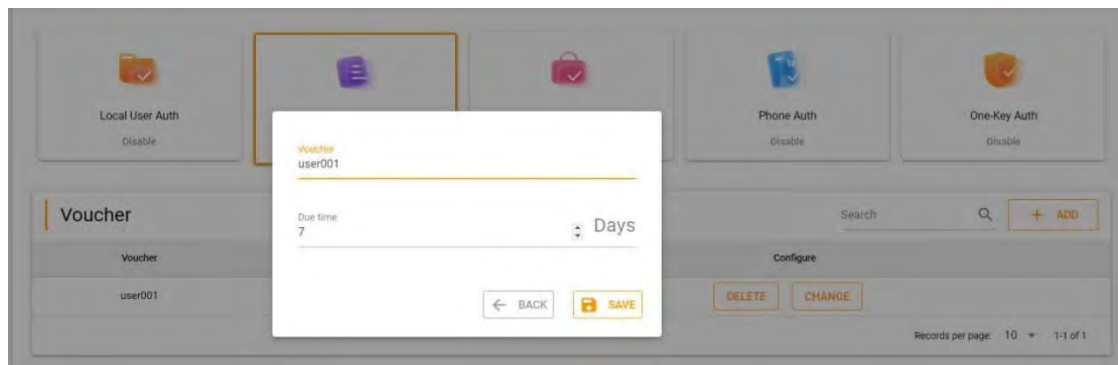
Password

LOGIN

FORGOT

Voucher Auth:

Voucher Auth, you need to manually add authentication credentials, the credentials can be written at will, and the written credentials are given to the customer, and the customer can directly access the Internet by entering the credentials.



Local User Auth Disable

Voucher user001

Due time 7 Days

BACK SAVE

Phone Auth Disable

One-Key Auth Disable

Voucher

Voucher user001

Configure

DELETE CHANGE

Records per page: 10 1-1 of 1

The page for One-click Login:



Wi-Tek
WIRELESS TECHNOLOGY

Welcome to Wi-Tek

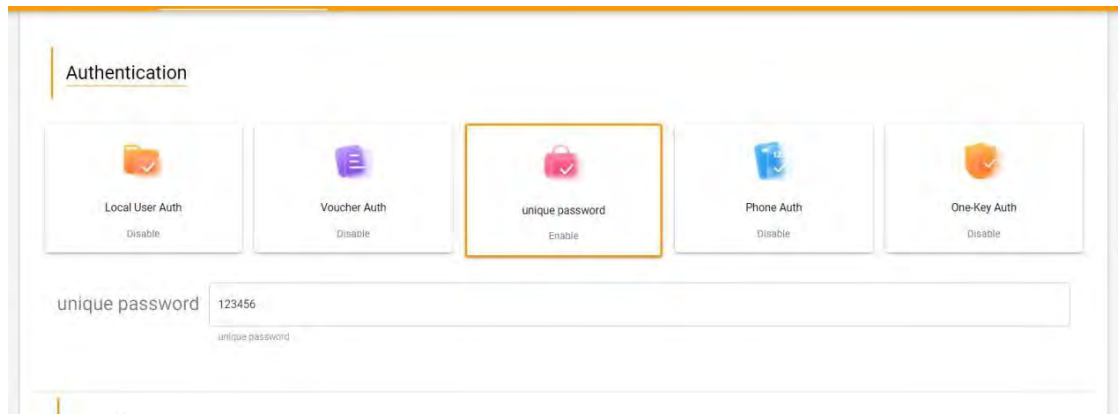
Voucher Code

LOGIN

FORGOT

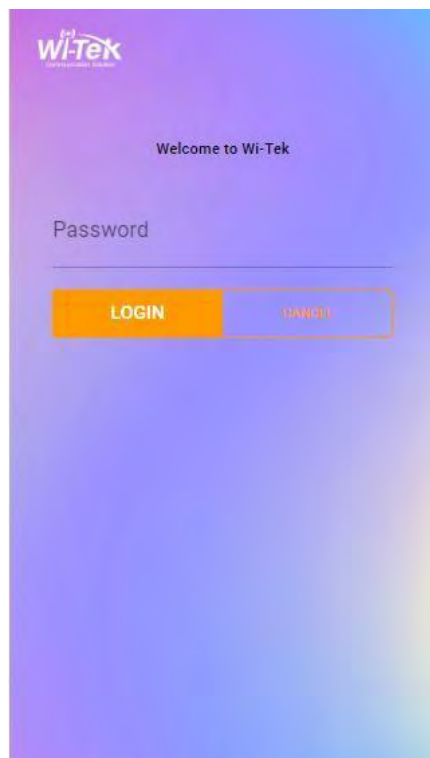
unique password

unique password, set a unified password, the user can directly access the Internet by entering this password



The screenshot shows a web interface titled "Authentication". It features five buttons: "Local User Auth" (Disable), "Voucher Auth" (Disable), "unique password" (Enable), "Phone Auth" (Disable), and "One-Key Auth" (Disable). The "unique password" button is highlighted with an orange border. Below the buttons, there is a text input field labeled "unique password" containing the value "123456".

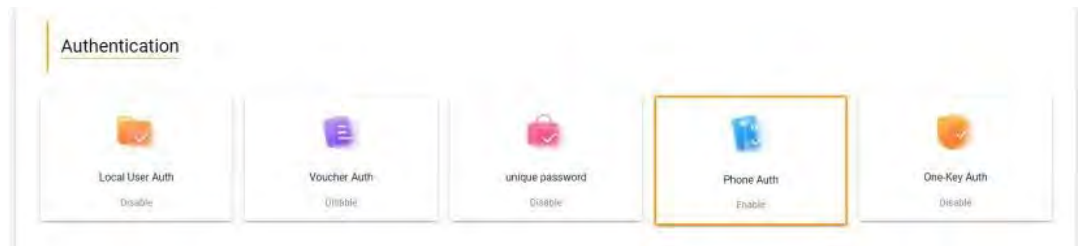
The page for One-click Login:



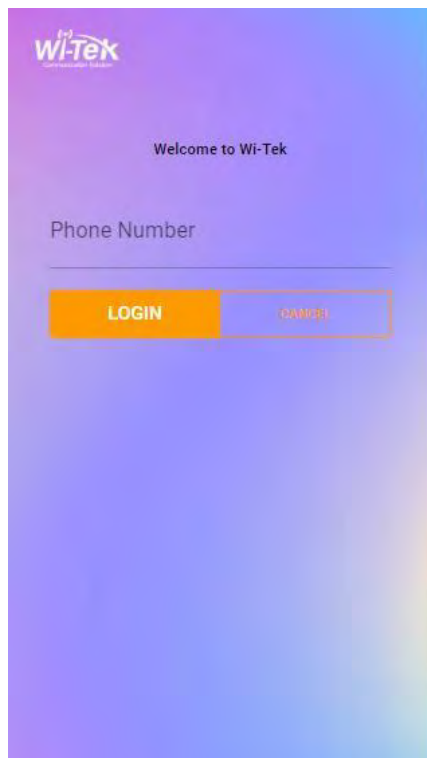
The screenshot shows a login page with a purple and blue gradient background. At the top left is the "Wi-Tek" logo. Below it, the text "Welcome to Wi-Tek" is displayed. A "Password" label is followed by a text input field. At the bottom, there are two buttons: "LOGIN" (orange) and "CANCEL" (light blue).

Phone Auth

Phone Auth , use phone number authentication, directly enter your mobile phone number for authentication

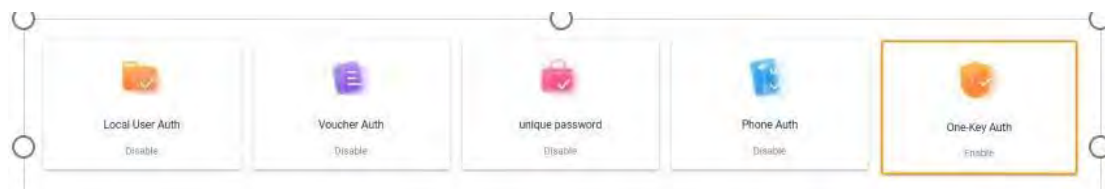


The page for One-click Login:

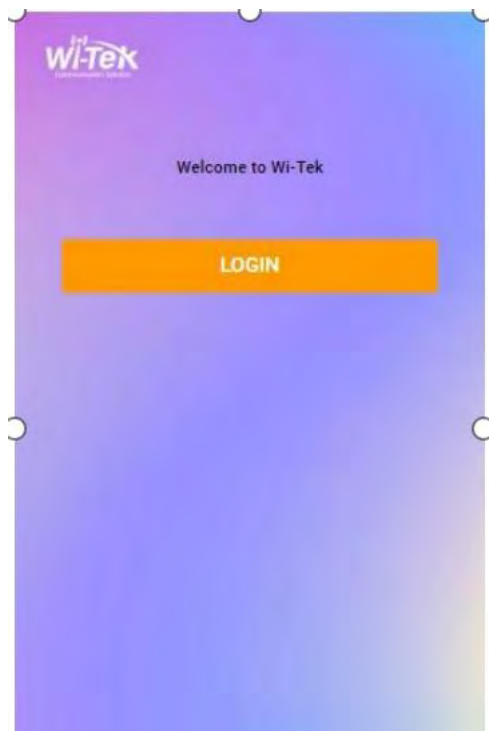


One-Key Auth

One-Key Auth, click one-key authentication, you can directly enter any password wirelessly on the Internet



The page for One-click Login:



Template:

On the Template page, you can choose to upload different display pictures, or you can write announcement text display and welcome words, etc.

Title

Announcement

Background

0.00 / 0.00%

Redirect URL

www.baidu.com

Image size like phone screen size: 750x1334, 1080x1920.

Password

LOGIN

CANCEL

The following describes the functions on this screen:

Template: Select Ac Web Portal as the authentication interface delivered by the local AC;

Select Cloud Web Portal as the authentication interface delivered by the cloud platform

Title: You can write some simple information such as the business name and other welcome words.

Announcement: You can write some announcements: such as shopping mall promotions, etc, and business brand introduction, corporate information introduction and other slightly longer information terms.

Background: You can upload your favorite picture as the authentication background (pay attention to the size of the picture)

Redirect URL: After the authentication is successful, you can jump to the website interface, you can set your own company official website, or the website you want users to view.

Allow List

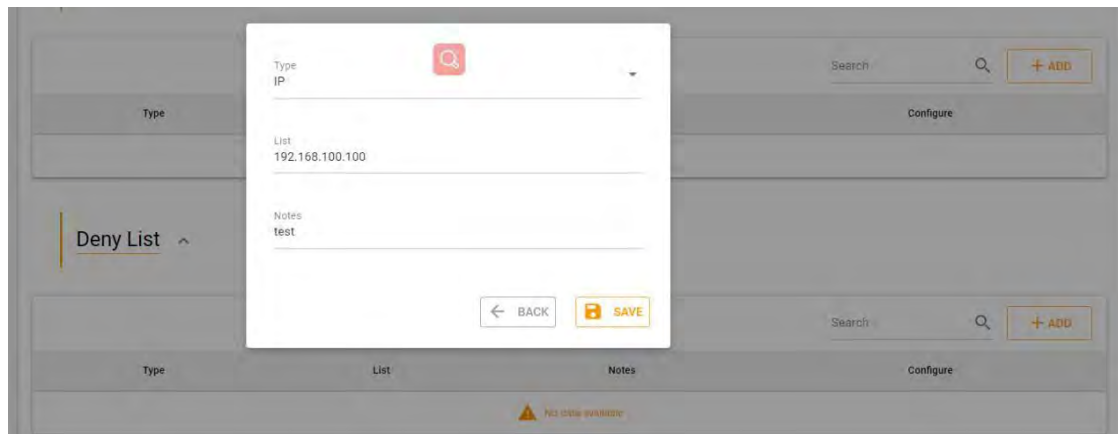
The main function of the whitelist is to allow some devices to access the Internet without authentication, or to allow some URLs to be accessed without authentication. You can fill in the IP addresses that do not require authentication into the whitelist, and enable authentication. These IPs can go directly to the Internet without authentication. Users who fill in the domain names in the whitelist but are not authenticated can also access these domains name URLs.

The screenshot displays the 'Allow List' configuration page. A modal window is centered for adding a new entry. The modal contains a 'Type' dropdown menu currently set to 'IP'. Below it is an 'IP' input field, followed by a 'Domain' input field. At the bottom of the modal is a 'Notes' text area with the text 'test'. Navigation buttons 'BACK' and 'SAVE' are at the bottom right of the modal. The background interface shows a table with columns 'Type' and 'IP'. To the right of the table is a search bar and a '+ ADD' button. Below the table are 'DELETE' and 'CHANGE' buttons. At the bottom right, it says 'Records per page: 10' and '1-1 of 1'.

Deny List:

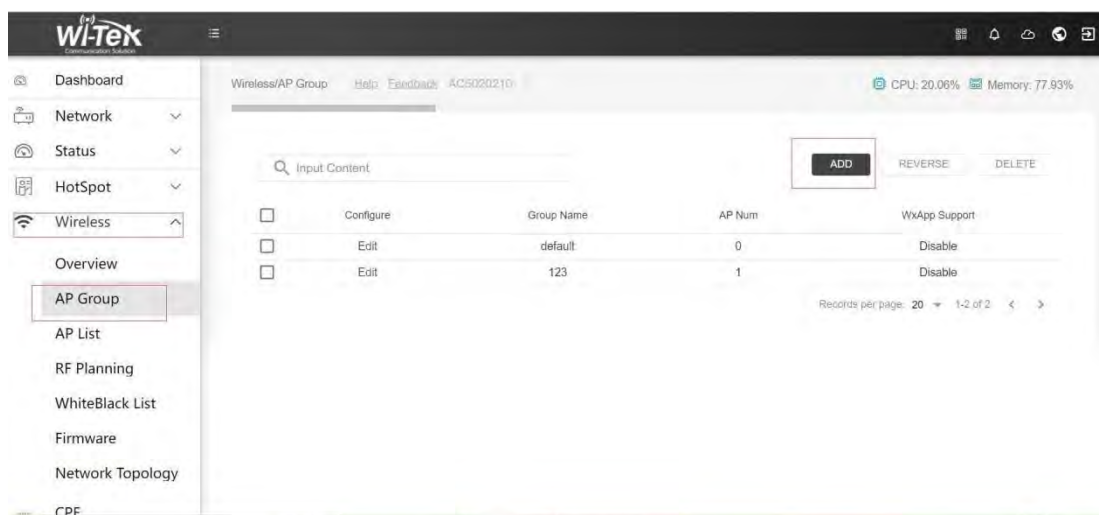
The main function of the blacklist is to prohibit users from surfing the Internet or to prohibit users from accessing domain names

You can fill in those IP addresses that are not allowed to access the Internet into the blacklist or the domain name URLs that are not allowed to be accessed, and users cannot access the Internet and access these URLs.

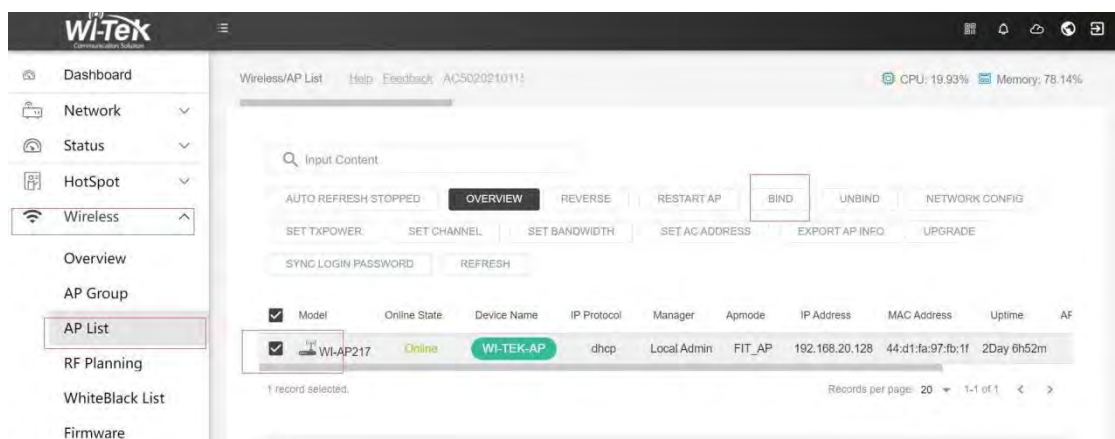


AC50 Configuration Case

Step 1 Set up wireless grouping in AC50 and set wireless SSID



Step 2 Bind the AP to the newly created group



Step 3. Cloud platform configuration The setting.

The steps are as follows:

Steps to enter the Authentication: Click CONFIGURATION > Authentication.

Step 4.Enable authentication

- 1.Select SSID authentication in the service zone, manually fill in the SSID to be authenticated, and click +ADD to add it.
- 2.In the Authentication option, select the authentication method you need
3. In the Template option, upload the certification pictures you need to display and some welcome words displayed on the certification interface.
4. If there are devices that you do not want to be certified or devices that do not require certification, please fill in the black and white list (white list is, no certification is required for release, black list is not allowed to be certified)
5. Click the SAVE button in the upper right corner

Authentication

Local User Auth Disable

Voucher Auth Disable

unique password Disable

Phone Auth Enable

One-Key Auth Disable

Template

Template: Cloud Web Portal

Title: Welcome to our office

Body: Welcome to our office, at your service.

Background:  Image size like phone screen size: 750x1334, 1080x1920.

Redirect URL: www.baidu.com

Allow List

Deny List

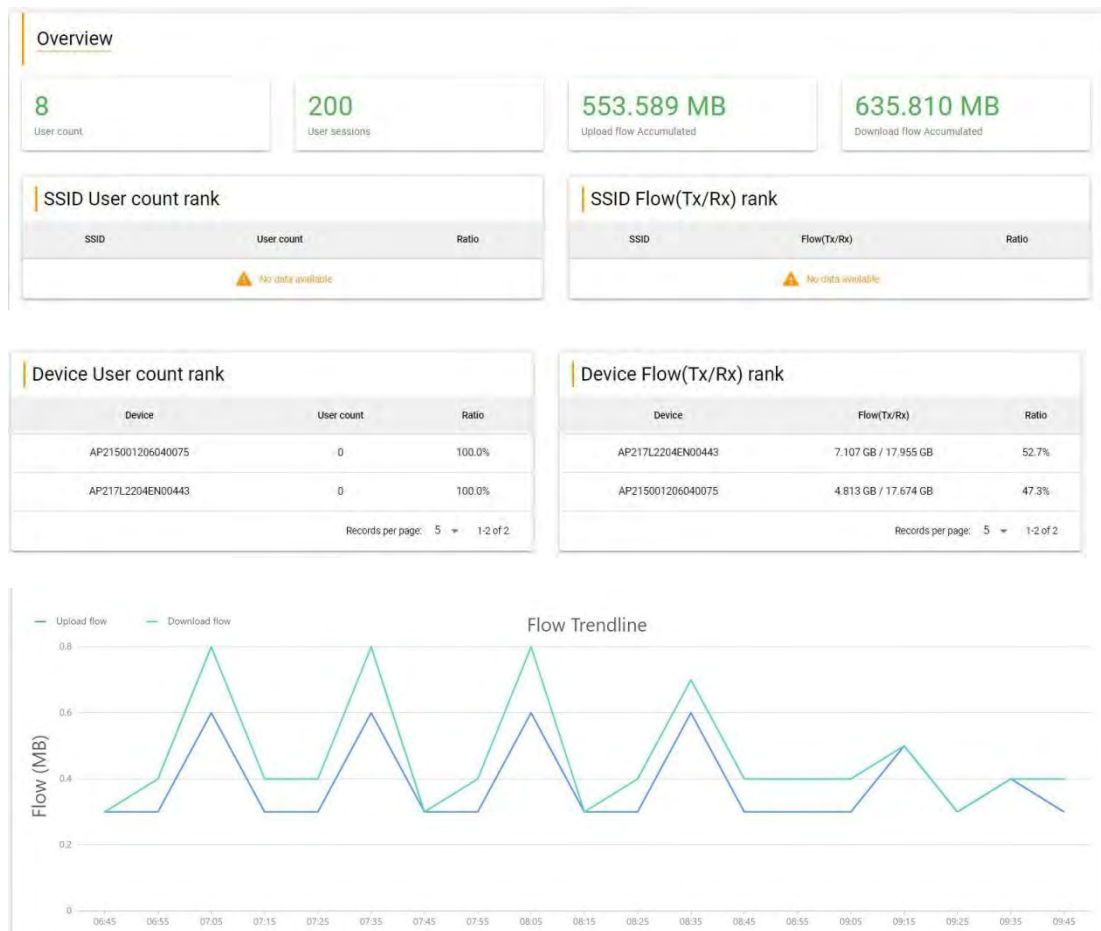
3. MAINTENANCE

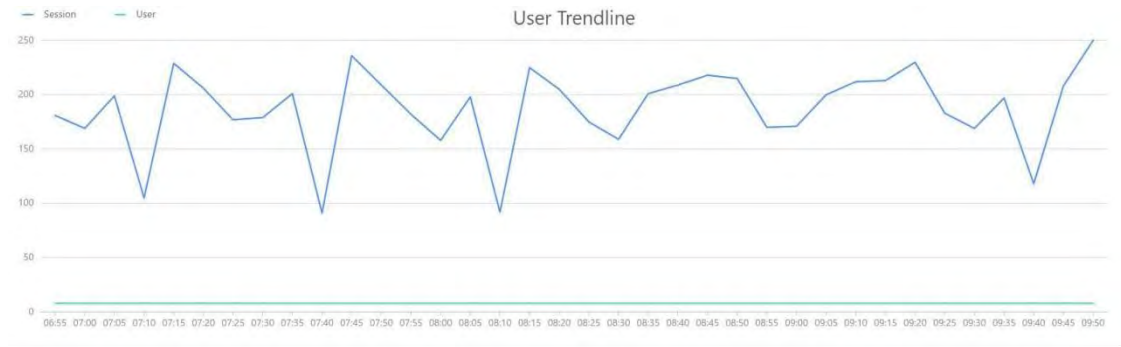
3.1 Report

3.1.1 Overview

Overview, you can see the number of users of the AC gateway, the number of sessions, the accumulated uplink and downlink network traffic, the network traffic used by each AP, the number of WiFi users connected to each AP, etc. You rapidly understand The distribution of network traffic across the network and the distribution of wireless users in this area.

Steps to enter the Overview interface: Click MAINTENANCE > Report > Overview





User count: Including the sum of wired and wireless subscribers under the AC gateway device.

User sessions: Indicates the number of recent network sessions on the AC gateway

Upload flow Accumulated : The accumulated upstream network traffic since the device is powered on (when the device restarts, the accumulated traffic restarts calculation)

Download flow Accumulated: The download network traffic accumulated since the device is powered on (when the device restarts, the accumulated traffic restarts calculation)

SSID User count rank: It will be ranked from most to least according to the number of WiFi users connected

SSID Flow(Tx/Rx) rank: It will be ranked from most to least according to the traffic used by WiFi SSID

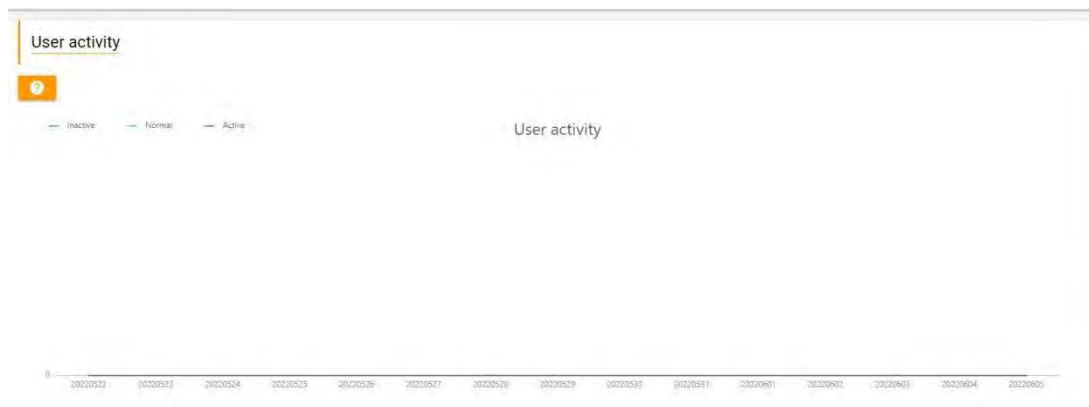
Device User count rank: Displays the number of WiFi connection users per AP Device

Flow(Tx/Rx) rank: Displays the accumulated network traffic used by each AP(when the device restarts, the accumulated traffic restarts calculation)

3.1.2 Activity Analysis

Activity Analysis, you can check the activity of users, and check at a glance which users are often online. Through the activity of APs, you can check which APs are frequently used by users.

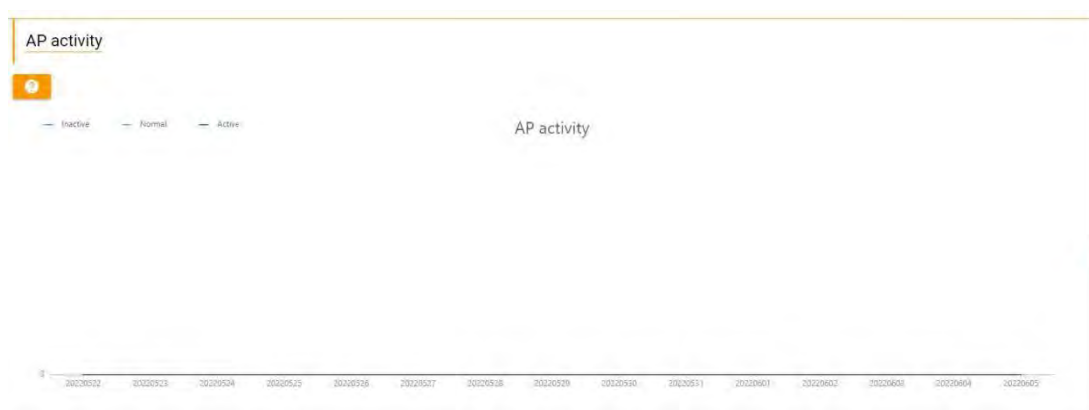
Steps to enter the Activity Analysis interface: Click MAINTENANCE > Report >Activity Analysis



Inactive: User download traffic less than 1MB

Normal : User download traffic between 1MB and 10MB

Active : User download traffic more than 10MB



Inactive: User number less then 5

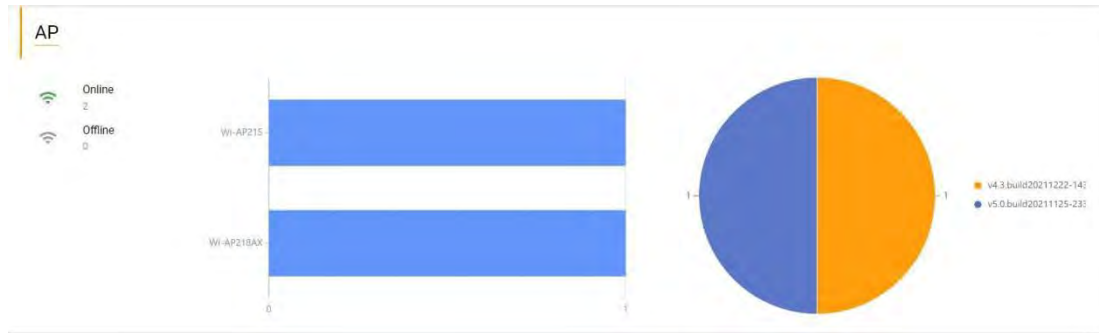
Normal: User number between 5 and 10

Active: User number more than 10

3.1.3 Device Analysis

Device Analysis can display the number of APs, switches, gateway devices and software version numbers, allowing you to rapidly recognize which software versions are used by the devices in the project and how many devices are offline.

Steps to enter the Device Analysis interface: Click MAINTENANCE > Report > Device Analysis



Online: Indicates an online device

Offline: Indicates an offline device

The circular graph on the right represents the proportion of different version numbers of the device

3.2 Log

3.2.1 Operation Log

Operation Log, this page displays configuration logs, login logs, network item deletion and addition logs, and device unbinding and binding logs.

Steps to enter the Operation Log interface: Click MAINTENANCE > Log > Operation Log

Operation Log						
Created time	Account	IP	Configure	Description	result	
2022-05-03 20:31:03	295087822@qq.com	43.155.91.250	User login	User login	success	
2022-05-03 18:09:44	295087822@qq.com	43.155.91.250	User login	User login	success	
2022-04-29 17:52:20	295087822@qq.com	45.32.86.22	User login	User login	success	
2022-04-29 17:33:43	295087822@qq.com	116.31.244.96	User login	User login	success	
2022-04-29 16:15:06	295087822@qq.com	103.182.96.108	Bind	Bind device [SN111222333444555] to network [Demonstrate]	success	
2022-04-29 16:13:56	295087822@qq.com	103.182.96.108	Scan	Scan device from [AC105001206280000]	success	
2022-04-29 16:11:43	295087822@qq.com	103.182.96.108	Scan	Scan device from [AP21500120604000E]	success	
2022-04-29 15:31:16	295087822@qq.com	116.31.244.96	Reboot	Reboot [CPEDT04921B040004]	success	
2022-04-29 15:30:45	295087822@qq.com	45.32.86.22	User login	User login	success	
2022-04-29 13:52:54	295087822@qq.com	103.182.96.108	Edit VLAN	Edit [SN55668883899888A] switch VLAN configuration	success	

Records per page: 10 11-20 of 353

3.3 Upgrade devices

3.3.1 Firmware

In the Firmware interface, you can view the latest software version of the device in your account.

Steps to enter the Firmware interface: Click MAINTENANCE > Device Firmware >

Firmware

Firmware			
Created time	Model	Version	Configure
2022-03-10 16:45:01	WI-AP215	v4.3.build20211222-1438-1cb284e	
2022-04-01 16:22:45	WI-PCMS310GF	WI-PCMS310GF_V10211230	
2022-04-01 16:28:12	WI-CGS5018	WI-CGS5018_V10211230	
2022-04-01 16:29:17	WI-CGS5026	WI-CGS5026_V10211230	
Records per page: 10 1-4 of 4			

The following describes the functions on this screen:

Created time: refers to the time when the official software version was uploaded.

3.3.2 Upgrade Log

The Upgrade Log interface provides the upgrade tracking function. You can view the historical upgrade version time of the device on this interface, and whether the upgrade is successful or not.

Steps to enter the Upgrade Log interface: Click MAINTENANCE > Device Firmware >

Upgrade Log

Upgrade Log					
Serial number	result	Start time	End time	Old Version	Upgraded Version
AP2150012060400BE	success	2022-04-21 20:25:14	2022-04-21 20:33:45	v4.3.build20211222-1438-1cb284e	v4.3.build20211222-1438-1cb284e
AP2150012060400BE	success	2022-04-19 21:03:29	2022-04-19 21:15:30	v4.3.build20211222-1438-1cb284e	v4.3.build20211222-1438-1cb284e
SN222333444555666	success	2022-04-01 16:29:32	2022-04-01 16:32:06	WI-CGS5018_V10211111	WI-CGS5018_V10211230
SN111222333444555	success	2022-04-01 16:29:32	2022-04-01 16:32:05	WI-CGS5026_V10211229	WI-CGS5026_V10211230
AP2150012060400BE	success	2022-03-11 13:20:41	2022-03-11 13:26:11	v4.3.build20211222-1438-1cb284e	v4.3.build20211222-1438-1cb284e
SN55668888399988A	failed	2021-12-30 11:50:25	2021-12-30 12:53:30	WI-PCMS310GF_V10211230	1
SN55668888399988A	success	2021-12-30 11:44:17	2021-12-30 11:47:45	WI-PCMS310GF_V10211111	1
SN55668888399988A	failed	2021-12-30 10:26:47	2021-12-30 11:28:04	WI-PCMS310GF_V10211111	1
SN111222333444555	success	2021-12-30 11:06:54	2021-12-30 11:10:11	WI-CGS5026_V10211230	WI-CGS5026_V1-WI-CGS5026_V10211229
SN111222333444555	failed	2021-12-30 09:45:36	2021-12-30 10:47:13	WI-CGS5026_V10211229	WI-CGS5026_V10211111

4. SERVICE

4.1 service

4.1.1 SD-LAN Configuration

SD-LAN software-defined local area network for connecting enterprise branches, headquarters data centers and cloud services across a wide geographic area.

Steps to enter the SD-LAN Configuration interface: Click SERVICE > Service > SD-LAN Configuration

SD-LAN Configuration

+ ADD SD-LAN

Configure	Name	Network Model	Total	Online	Offline
No data available					

Name

Device

Interface Info

Name

Name is required

Save

Network Model

Mesh Network

Mesh Network - Tunnel

Star Network

Star Network - Tunnel

The following describes the functions on this screen:

Mesh Network: Network nodes will connect to each other through IPv6 tunnel directly, all nodes should have a public IPv6 address.

Star Network: Choose one node as the center node, other nodes will connect to this node through IPv4 tunnel. Center node should have a public IPv4 address.

Mesh Network - Tunnel : Mesh network in tunnel mode, but no public IPv4 address needed.

Star Network - Tunnel: Star network in tunnel mode, but no public IPv4 address needed.

How to configure SD-LAN?

Step 1 Click CONFIGURATION > Service > SD-LAN Configuration

Step 2. Click Add SD-LAN.

Step 3. Create the name of the SD-LAN project Step

Step 4. Select Network Mode.

4.1. Mesh Network: All network devices need to have a public network ipv6 address (Dynamic IP or static IP).

4.2. Star Network: The central node network device needs to have an public IPV4 address.

4.3.Mesh Network- Tunnel: The device can be used without a public IP address, but it is limited by the internet service provider (Depends on whether the internet service provider has made restrictions).

4.4.Star Network- Tunnel: It has a central node device. The device can be used without a public IP address, but it is limited by the internet service provider (Depends on whether the internet service provider has made restrictions).

Step 5. If you select Star Mode, you should select the center node device in the following list.

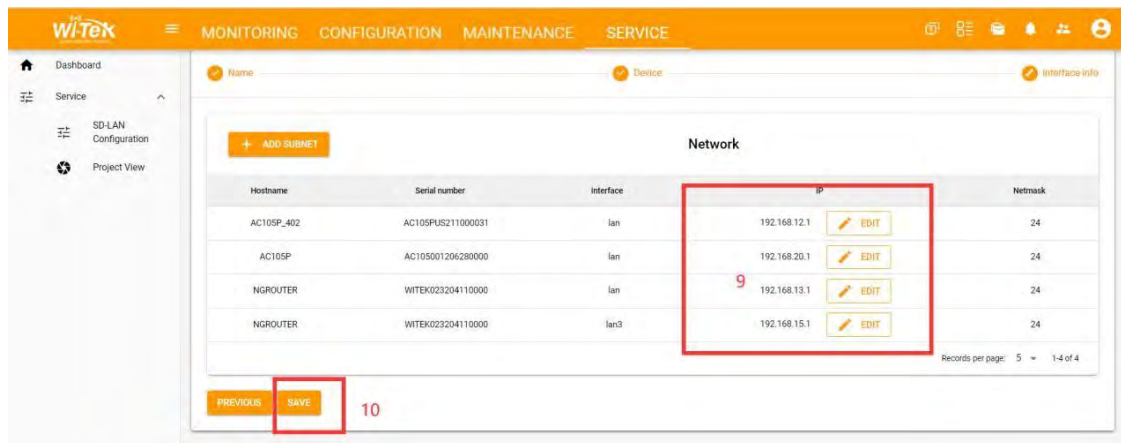
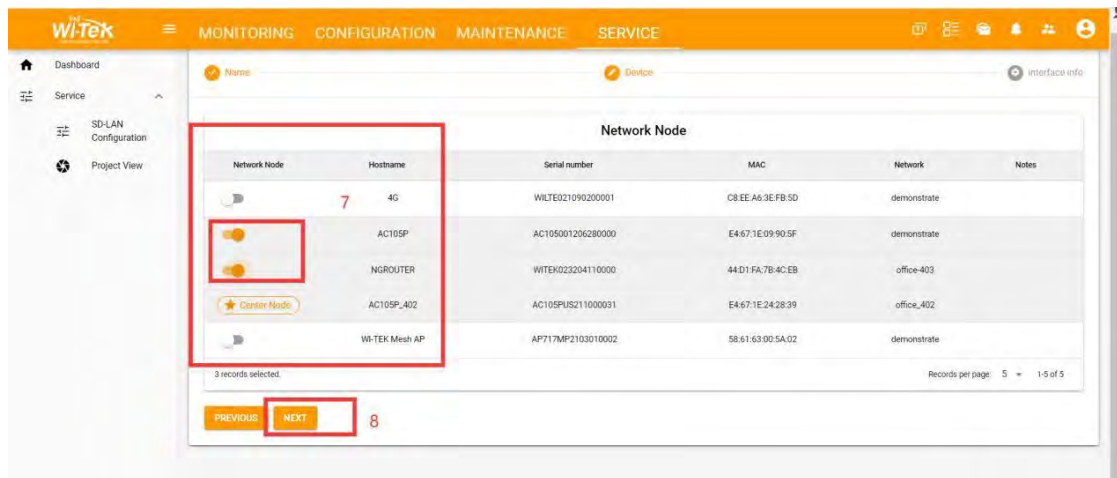
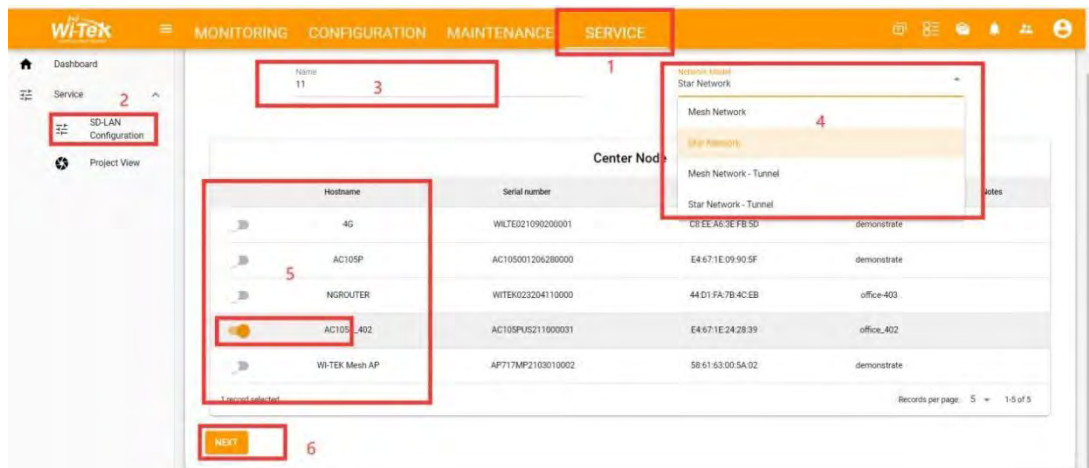
Step 6. Click on Next.

Step 7. Select other network node devices(The device that can be selected here must be the device bound to this account).

Step 8. Click on Next.

Step 9. Please note: The IP address of different network node devices must be in different IP subnet segment.

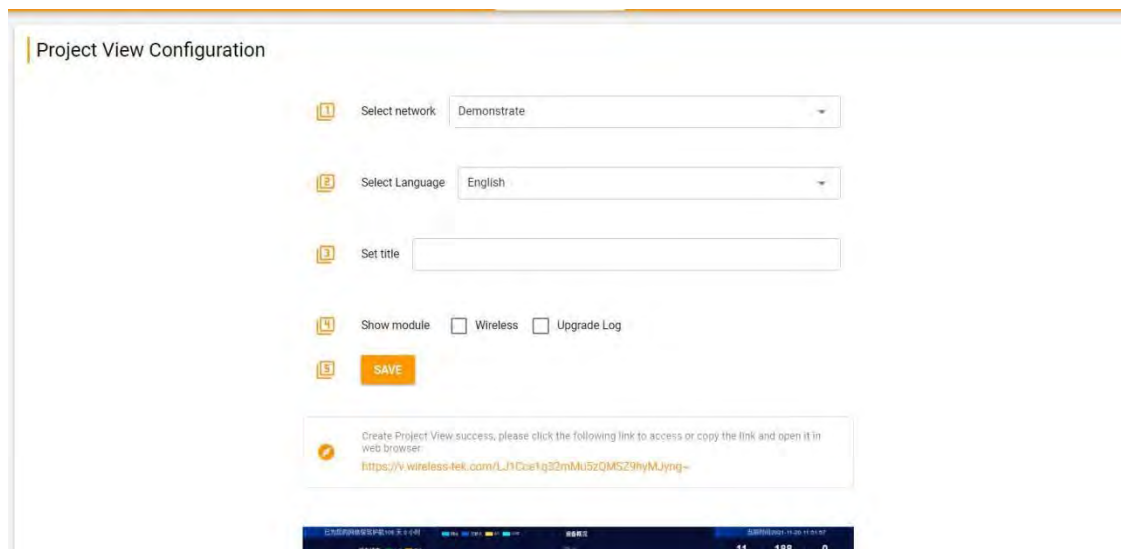
Step 10. Click on Save to save the configuration.



4.1.2 Project View

Dashboard makes it easy to see your real-time network status; check network usage and traffic distribution; receive network condition logs, abnormal event warnings, and notifications; or even track key data for better business results. Network topology helps IT admin s quickly see and troubleshoot connections at a glance.

Steps to enter the Project View interface: **Click SERVICE > Service > Project View**



The image shows a 'Project View Configuration' form. It includes five numbered steps: 1. Select network (dropdown menu showing 'Demonstrate'), 2. Select Language (dropdown menu showing 'English'), 3. Set title (text input field), 4. Show module (checkboxes for 'Wireless' and 'Upgrade Log'), and 5. A 'SAVE' button. Below the form, a success message states: 'Create Project View success, please click the following link to access or copy the link and open it in web browser: https://v.wireless-tek.com/LJ1Cce1q32mMu5zQMSZ9hyMJyng~'. At the bottom, a small preview of the project view dashboard is visible.

The following describes the functions on this screen:

Select network: Select the displayed network item

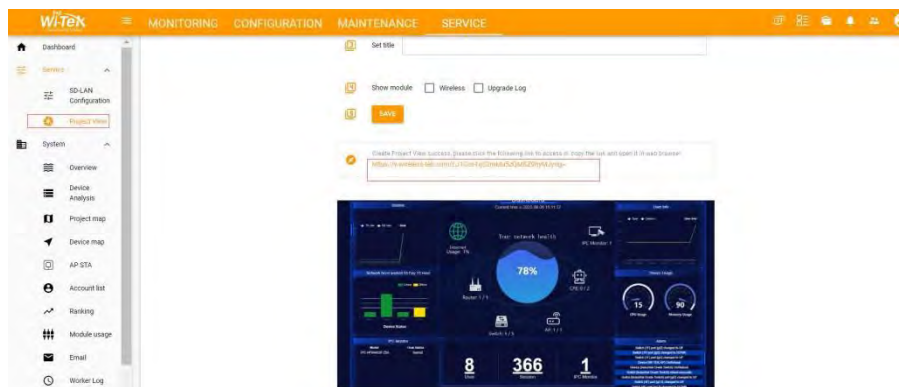
Select Language: switch language (currently only supports English and Chinese)

Set title: You can write the title of the large screen. If it is empty, the name of the project will be displayed.

Show module: If checked, this information will be displayed on the large screen, if not selected, it will not be displayed

Steps to enter the Project View interface: **Click SERVICE > Service > Project**

View><https://v.wireless-tek.com/LJ1Cce1q32mMu5zQMSZ9hyMJyng~>



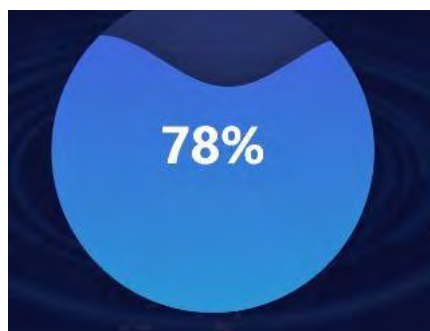


The following describes the functions on this screen:

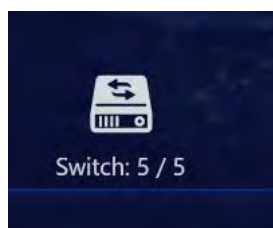
Statistic: Displays the traffic of the AC gateway

Network been worked 60 Day 0 Hour: the project started timing when the cloud platform was created and has been accumulating

IPC Monitor: Smart devices that support Onvif



Indicates the network health value. When the network devices are all online and there is no fault, the health value is 100%. If there is a device failure, the network health value will be reduced proportionally.



The 5 in front of "Switch 5/5" represents the online device, and the number after it represents the total number of devices