

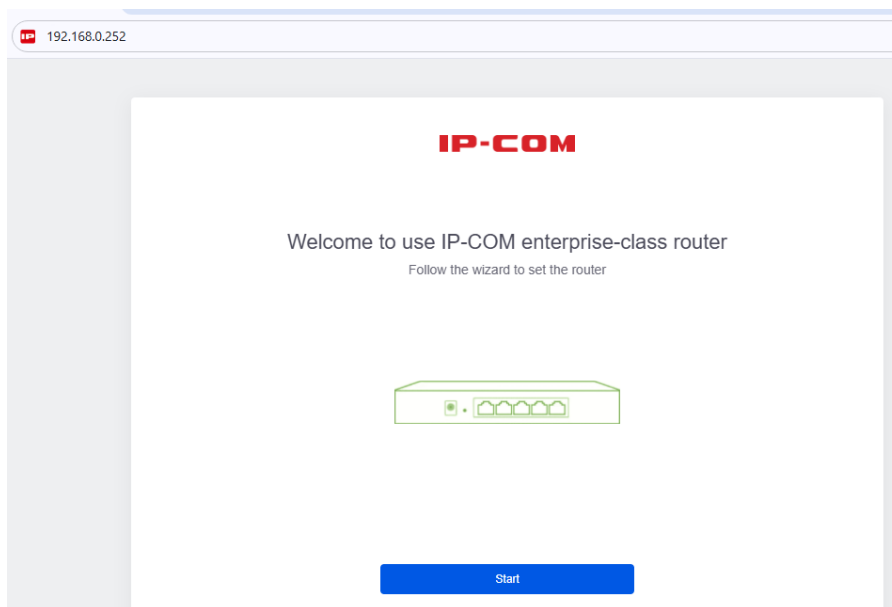
## Technical Quick Guides

### IP-COM How to Set Cloud Managed PoE Router to 'Pure AC mode'

1. Don't plug any cable in WAN ports.
2. Connect your computer to one of the LAN ports, e.g. LAN2.

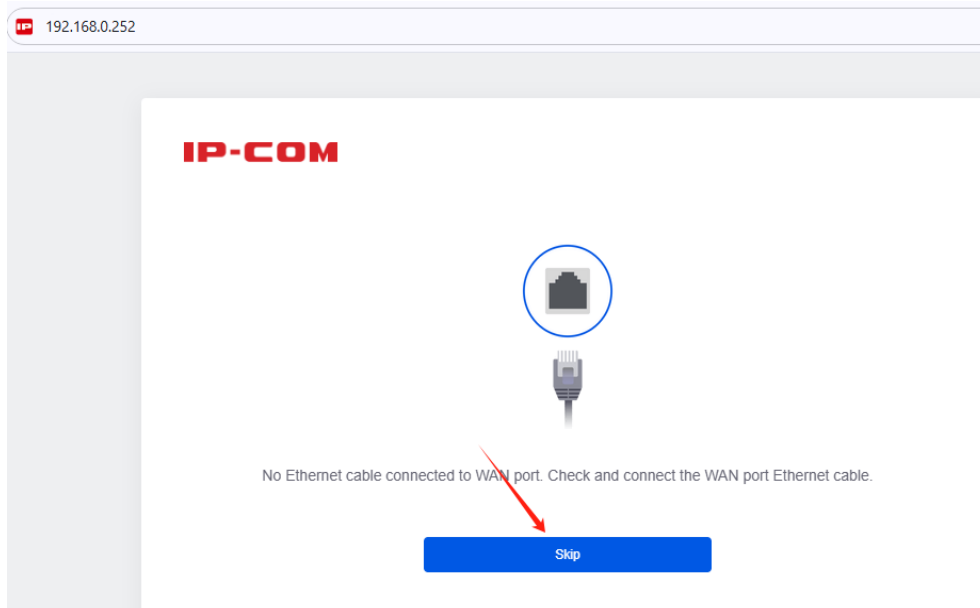


3. Access **192.168.0.252** or **ipcwifi.com** from your browser on your computer.

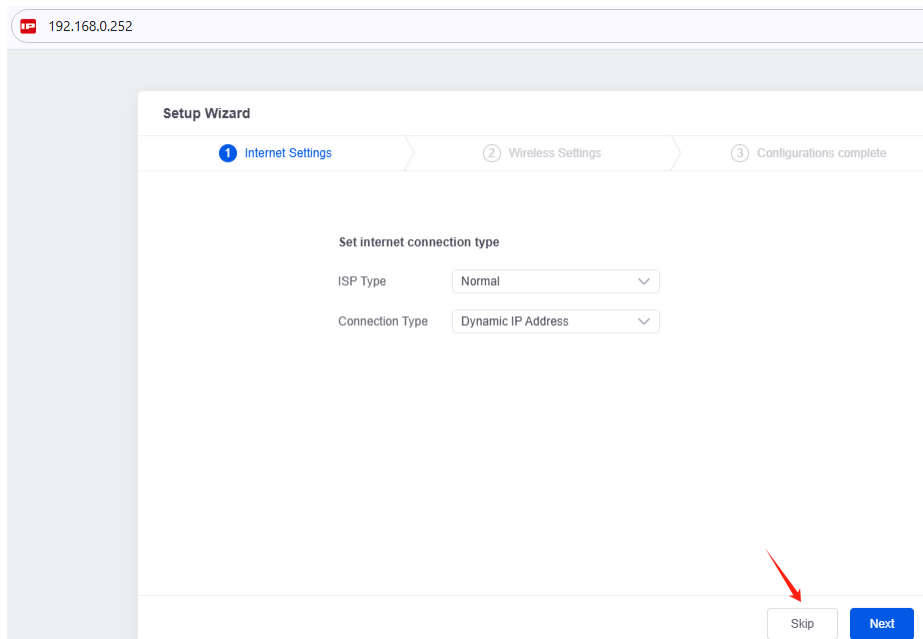


Click '**Start**'

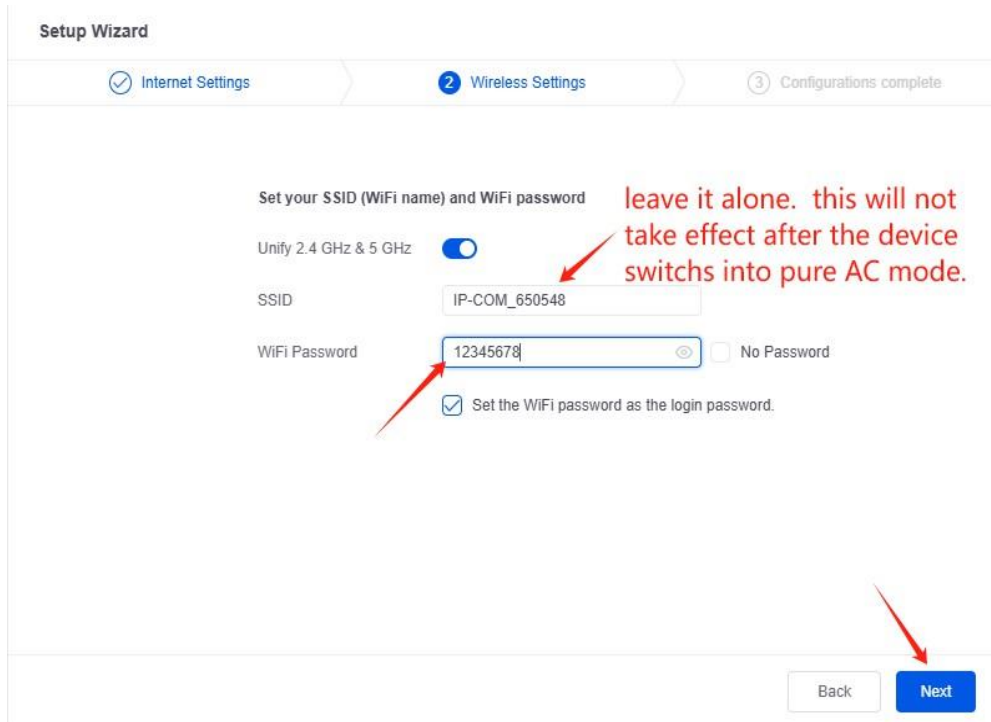
4. Click '**Skip**'



5. You don't need to Set internet connection type, just click '**Skip**' in the **Setup Wizard**.



6. In the **Wireless Settings**, you don't need to modify the SSID since it will not take effect after we switch the device into pure AC mode. Just input the WiFi Password which will also work as the login password. Then click '**Next**'



Setup Wizard

Internet Settings 2 Wireless Settings 3 Configurations complete

Set your SSID (WiFi name) and WiFi password

Unify 2.4 GHz & 5 GHz ☒

SSID IP-COM\_650548

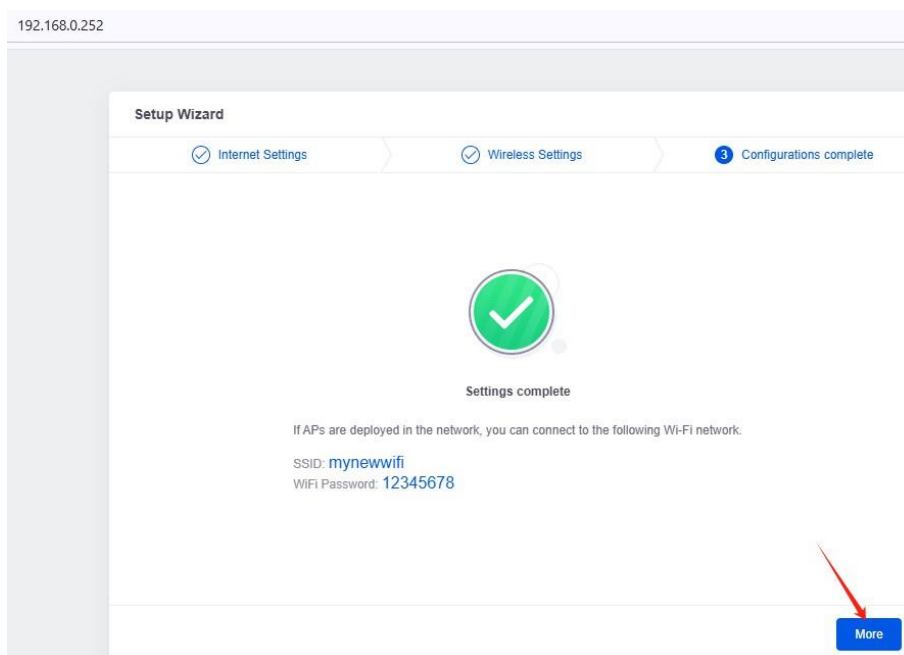
WiFi Password 12345678 ☐ No Password

☒ Set the WiFi password as the login password.

Back Next

leave it alone. this will not take effect after the device switches into pure AC mode.

7. Click '**More**'



192.168.0.252

Setup Wizard

Internet Settings Wireless Settings 3 Configurations complete

Settings complete

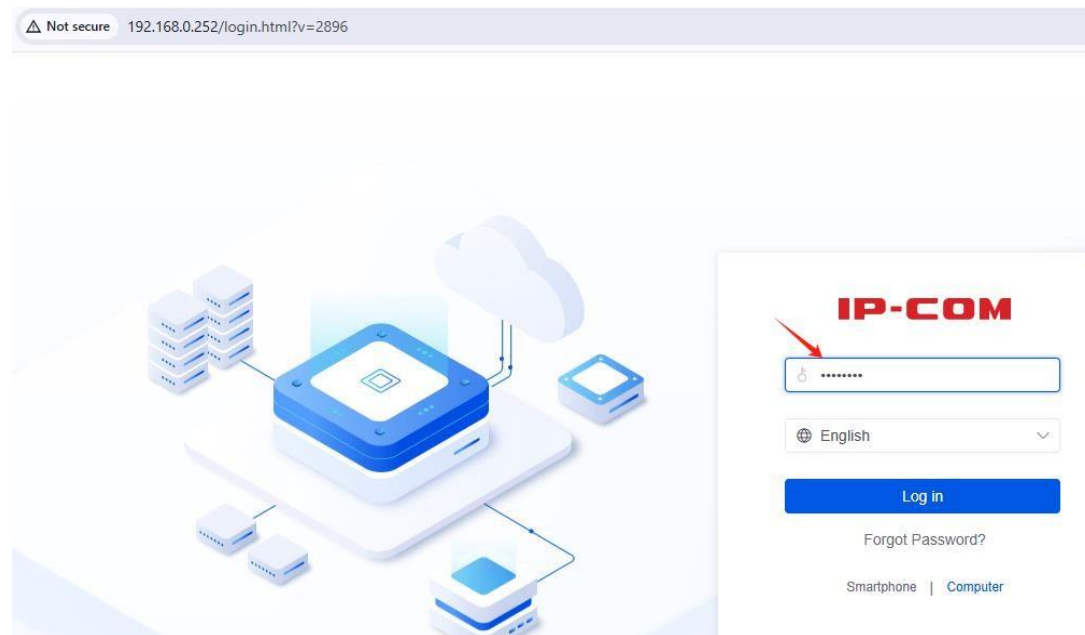
If APs are deployed in the network, you can connect to the following Wi-Fi network:

SSID: mynewwifi

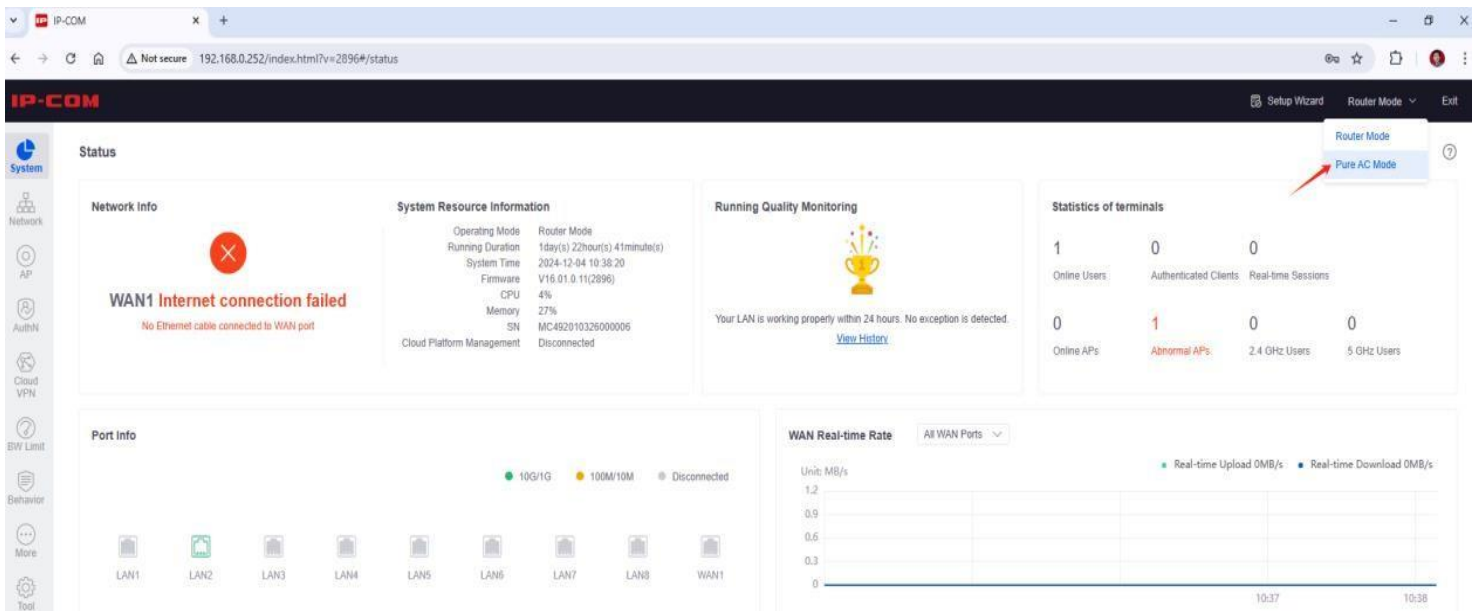
WiFi Password: 12345678

More

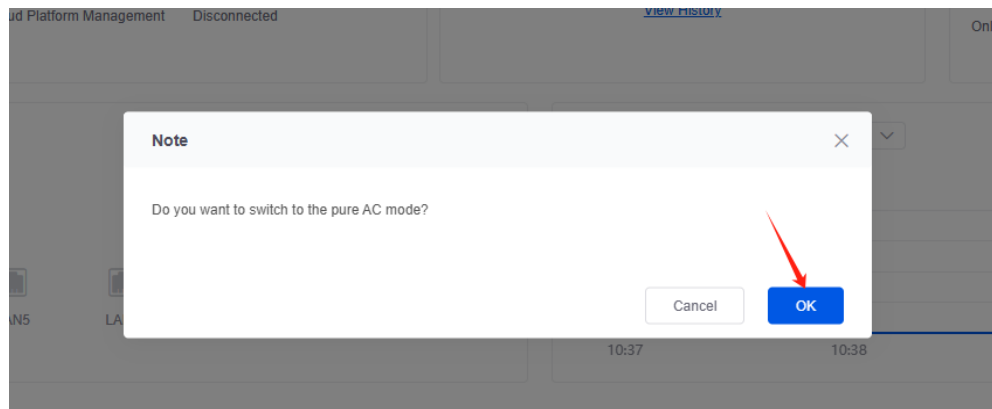
8. Now back to the log in Page, input the password you set in step 6, and click ‘**Log in**’



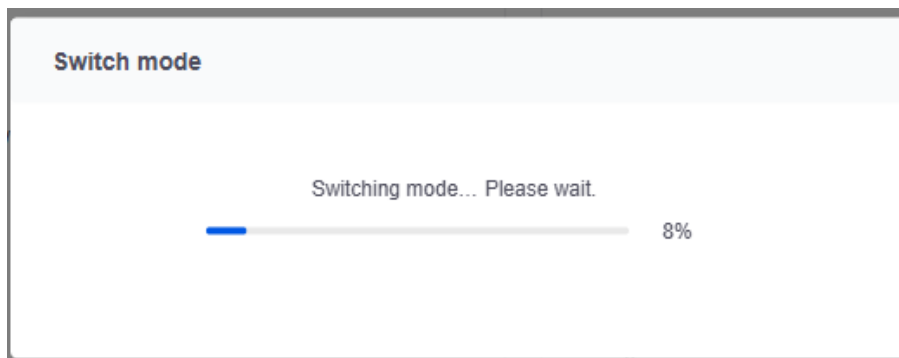
9. Choose ‘**Pure AC Mode**’ in the top right corner of the page.



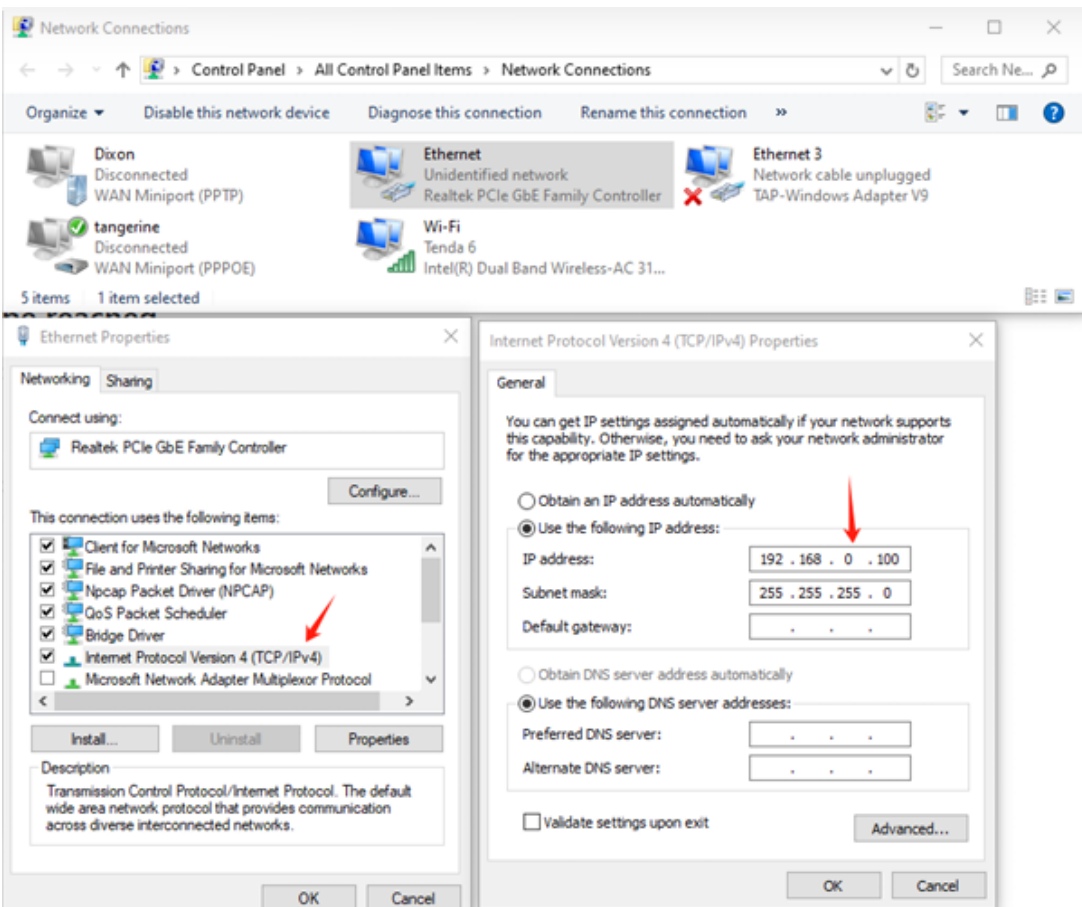
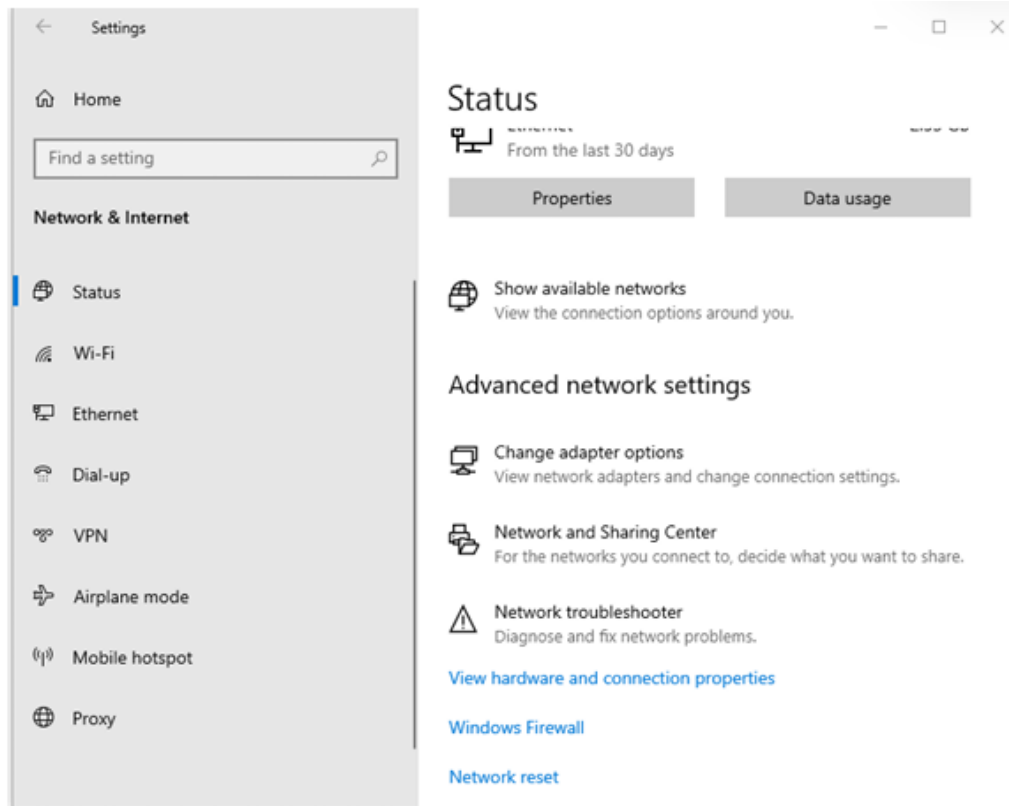
10. Click '**OK**' on the pop-up window.



11. The device will reboot and work in Pure AC mode.

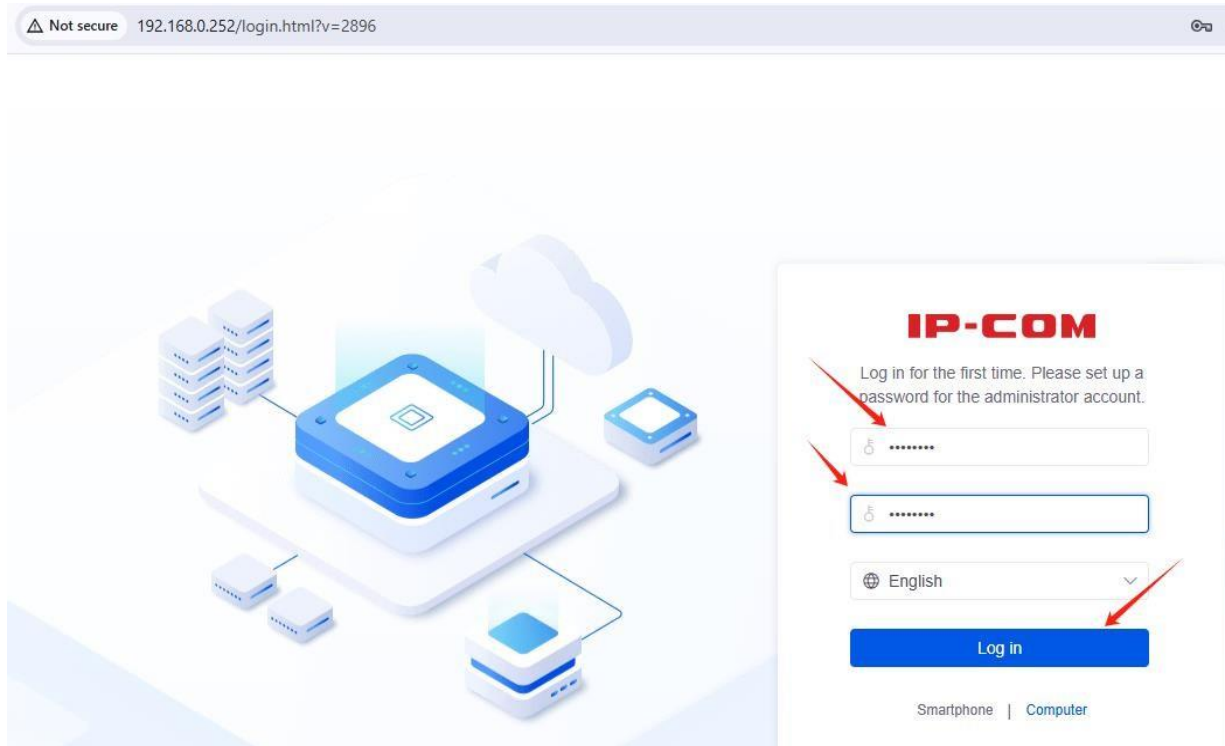


12. Now the device is working in Pure AC Mode. Its DHCP server will be disabled so your computer will not have a valid IP address. You need to modify your computer's IP address to 192.168.0.x, e.g. 192.168.0.100, to access the device's GUI web. Below is how to modify my computer (Windows 10 Pro)'s ip address.

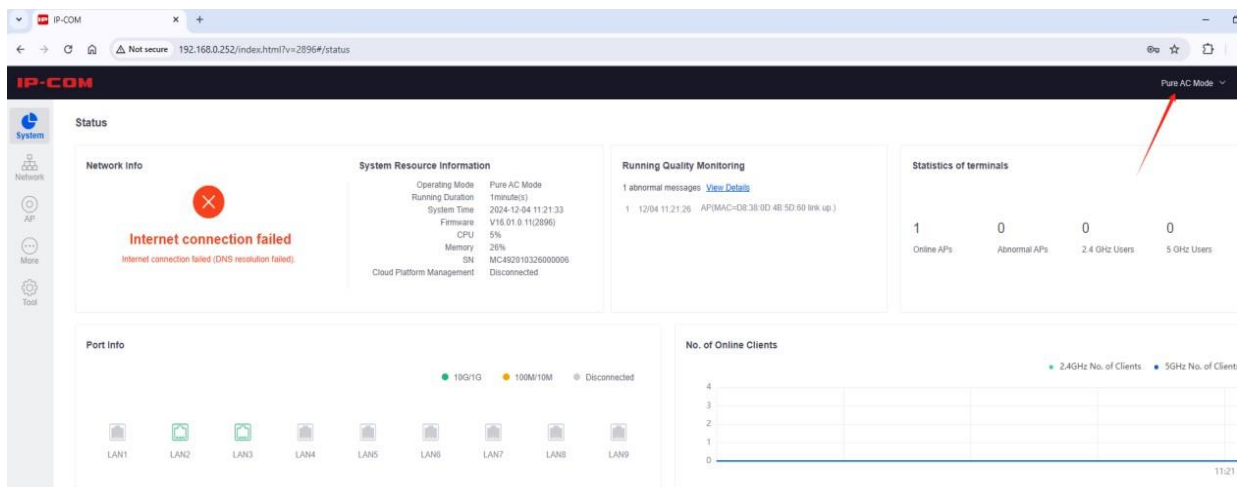


13. Now you can access the device's GUI web (192.168.0.252) again.

You need to set up a password for the administrator account again. You can set the same password as you set just now.



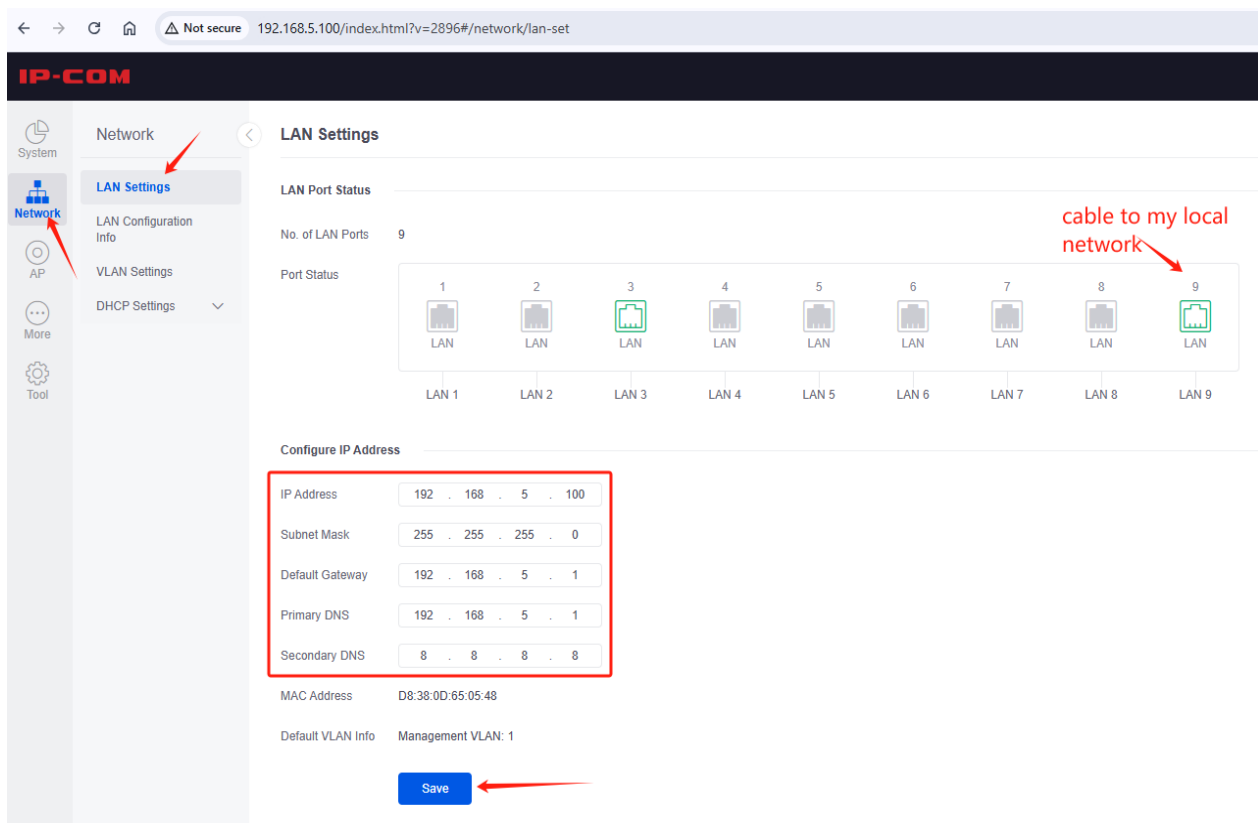
Now as you can see, the device is working in pure AC mode. Leave the “Internet connection failed” notification alone since the device is working AC mode and does not have to connect to the internet.



14. Connect M20-8G-PoE to the internet.

If you want to connect the device to the internet, you can manually set the IP address, gateway and DNS.

For example, below is the configure for my device (my local network is 192.168.5.x). Connect the ethernet cable connected to your local network to the rightmost port labelled with '**WAN1**'. Now the WAN1 is working as **LAN9** on the GUI web.



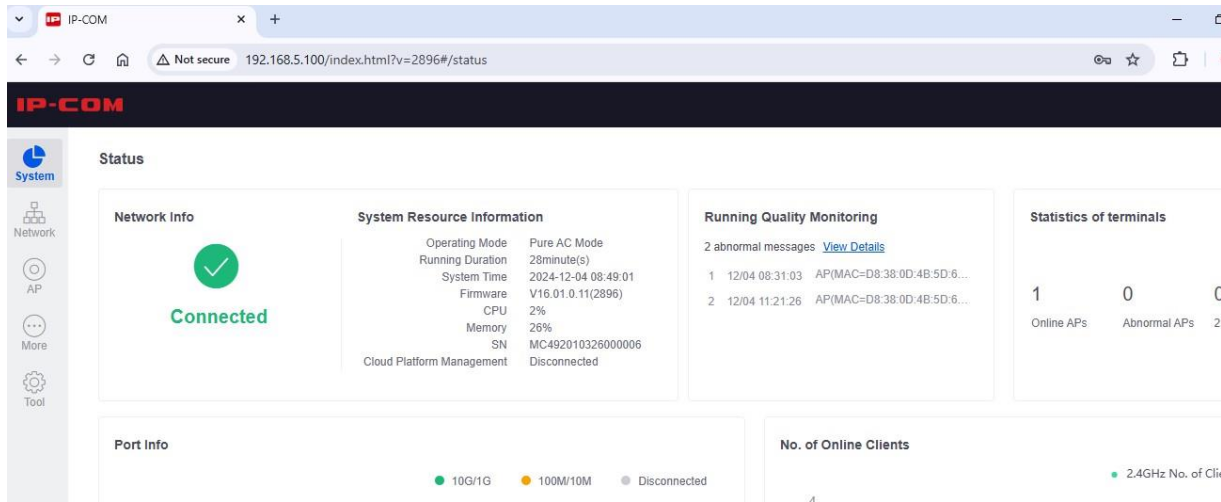
The screenshot shows the IP-COM web interface. The browser address bar displays '192.168.5.100/index.html?v=2896#/network/lan-set'. The interface has a sidebar with 'Network' selected, and a main area with 'LAN Settings'. Under 'LAN Settings', there are options for 'LAN Configuration Info', 'VLAN Settings', and 'DHCP Settings'. The 'Port Status' section shows 9 LAN ports, with port 9 highlighted and labeled 'cable to my local network'. The 'Configure IP Address' section is highlighted with a red box and contains the following fields:

IP Address	192 . 168 . 5 . 100
Subnet Mask	255 . 255 . 255 . 0
Default Gateway	192 . 168 . 5 . 1
Primary DNS	192 . 168 . 5 . 1
Secondary DNS	8 . 8 . 8 . 8

Below these fields, the MAC Address is D8:38:0D:65:05:48 and the Default VLAN Info is Management VLAN: 1. A red arrow points to the 'Save' button at the bottom.

Now you can access the device from the new IP address you set. Don't forget to set your computer to DHCP mode. As you can see, the device is not connected to the internet.



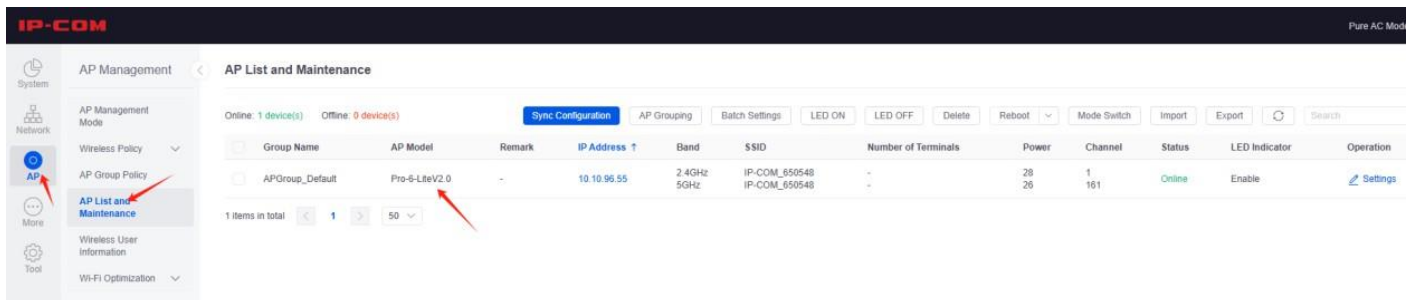


15. Setting the device from Router mode to Pure AC mode is complete.

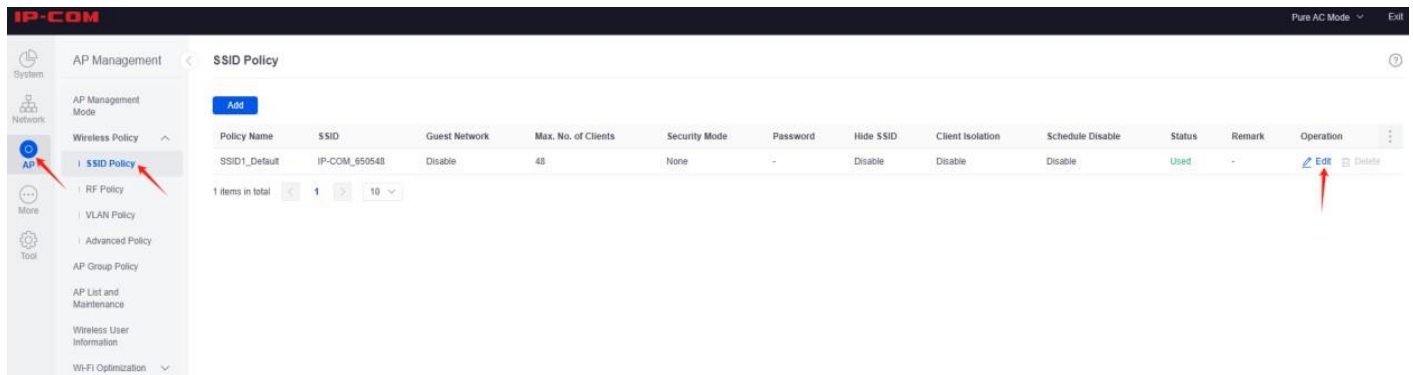
## Modify the default SSID and Password.

a. If you connect an IP-COM AP, e.g. Pro-6-Lite, to the local network, or directly to the LAN port of the M20-8G-PoE, you can find it on the following web page.

M20-8G-PoE will allocate a special IP address (10.10.96.x) to the AP.



b. The AP will be managed in the default AP group (APGroup\_Default), in which SSID Policy (SSID1\_Default) takes effect. You can modify the default SSID and Password from the following page.



Edit SSID Policy

Policy Name

SSID1\_Default

SSID

MyNewSSID

Guest Network

☐ Enable
☒ Disable

Max. No. of Clients

48

Security Mode

WPA2-PSK

Encryption

☒ AES
☐ TKIP
☐ TKIP&AES

Password

12345678

Key Update Interval

0 s

Hide SSID

☐ Enable
☒ Disable

Client Isolation

☐ Enable
☒ Disable

VLAN ID

1000

Schedule Disable Wi-Fi

☐ Enable
☒ Disable

Remark

(Optional)

Cancel

Save

Note: you can leave the VLAN ID alone.

After you click 'Save', the device will deliver the new wifi policy to the AP. You can check the new SSID is taking effect on your AP.

