

3. Set up the wired network connection

Tips:

Before setting up wired network, please done the setting of wireless network connection. Otherwise, that will cause the wireless IP address of the server can't be accessed when the server is disconnected from a router / switch.

If the wireless network connection is set up first, and then to set up the wired network connection, the wireless IP address can still access and communication normally even if the server disconnect the wired connection with a router / switch.

● Set up the wired network connection with a router

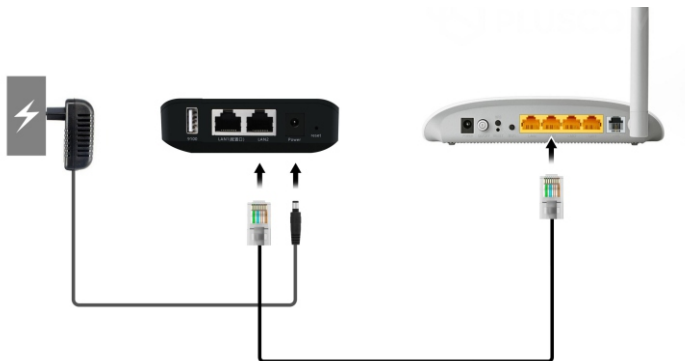
(Switches with "Obtain an IP address automatically" environment are also applicable)

The way 1:

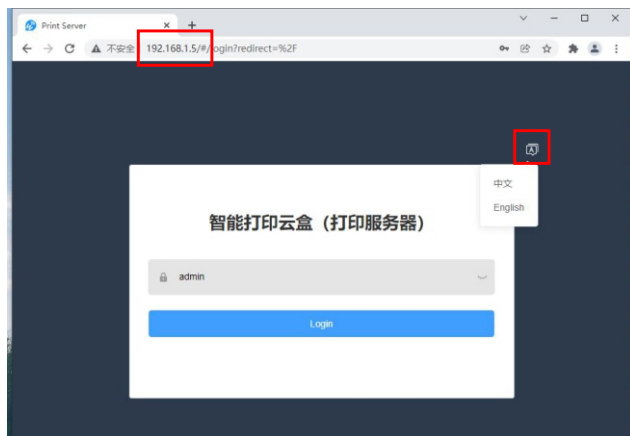
Enter the background by the wireless IP address to get the wired connection IP address.

If you have set up the wireless connection, and you can enter the background through the wireless IP address and log in, and to get the wired connection IP address of the server (For LAN2 port).

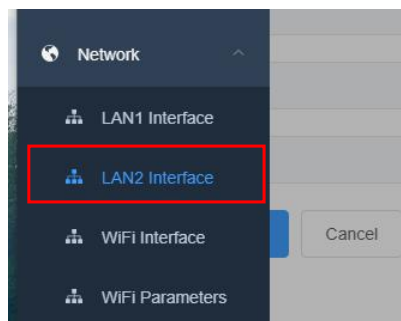
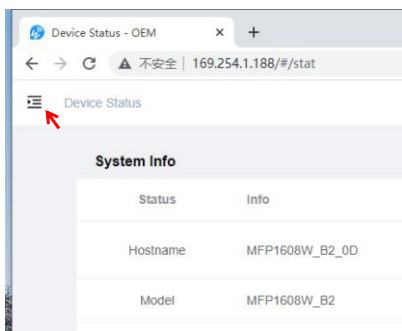
1. Connect the LAN 2 port of server to the LAN port of your router with a network cable (the router connected must be the router of your work network)



2. Enter the wireless IP address of the server in a browser, and enter the server login page. Then enter the user name / password and log in. (user name / password: admin)



3. Find "Network" - "LAN2 interface" .



4. You will see the wired IP address of the LAN 2 port has been automatically assigned. There will be the wired IP address of LAN 2 port of the server in IPv4. Pls copy or record it. Later, you can add a wired printer for all PCs or MACs in the network with the wired IP address.

* Protocol: Dynamic

MAC: ec:0c:45:81:01:0e This is the wired IP address of the server LAN 2 port

IPv4: 192.168.1.7

Subnet Mask: 255.255.255.0

Gateway: 192.168.1.1

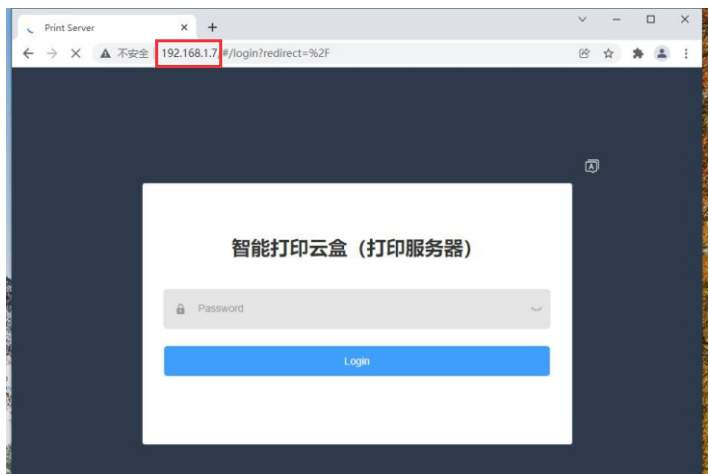
DNS1: 192.168.1.1

DNS2:

Submit Cancel

5. Test whether the IP address got is available.

Enter the IP address of LAN2 port in a browser and open it. If the server login page can be opened normally, it means that the setting has been success. Next you can add a wired printer for all PCs or MACs in the network with the IP address.



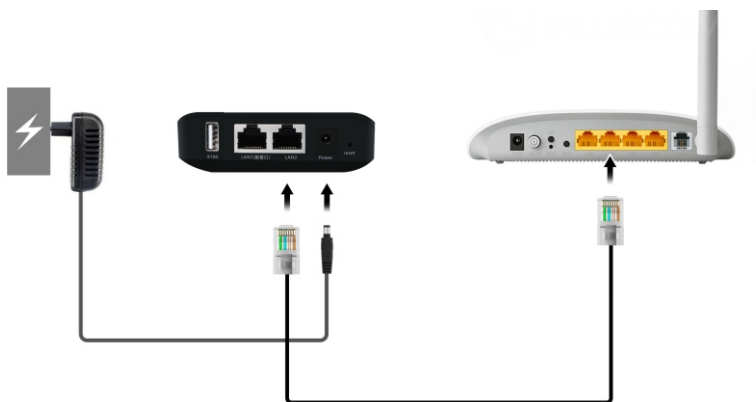
Tips:

The IP address of LAN2 port is a wired IP address, so this IP address can only be used when LAN2 port is connected to router through a network cable. If it is not connected, it can't be used.

The way 2:

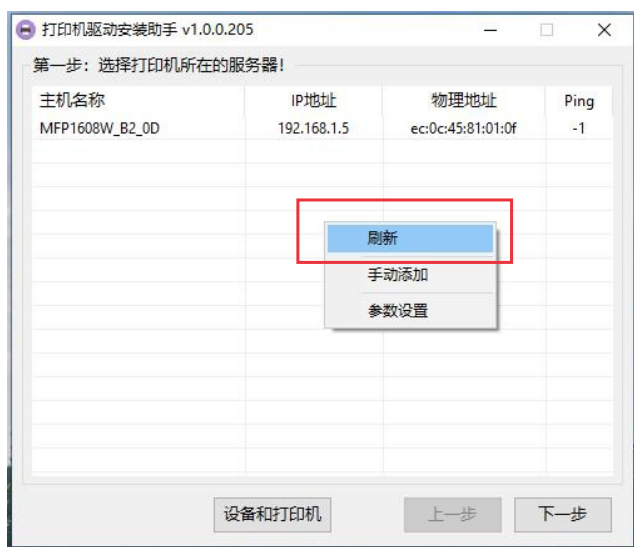
Use the “Quick Installation Tools” to search the wired connection IP address.

1. Connect LAN 2 port of server to the LAN port of your router with a network cable (the router connected must be the one of your work network)

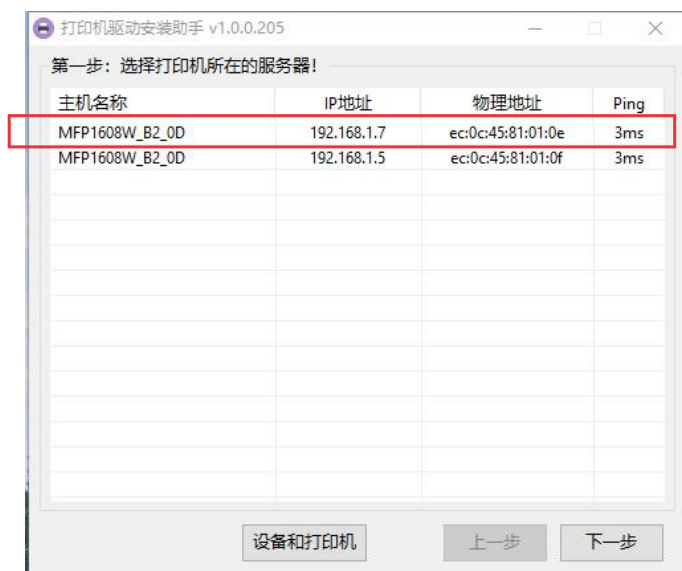


2. Open the "Quick Installation Tools" on your PC. Right-click the blank area to click "刷新" (refresh) to refresh the IP list, Then the tool will automatically search all the IP address of the server in the LAN.

The IP address searched will be shown on the list. If hasn't been searched, please try to refresh it many times.



3. The following picture shows that the wire IP address of LAN 2 port of the server is searched. Please copy or record the IP.

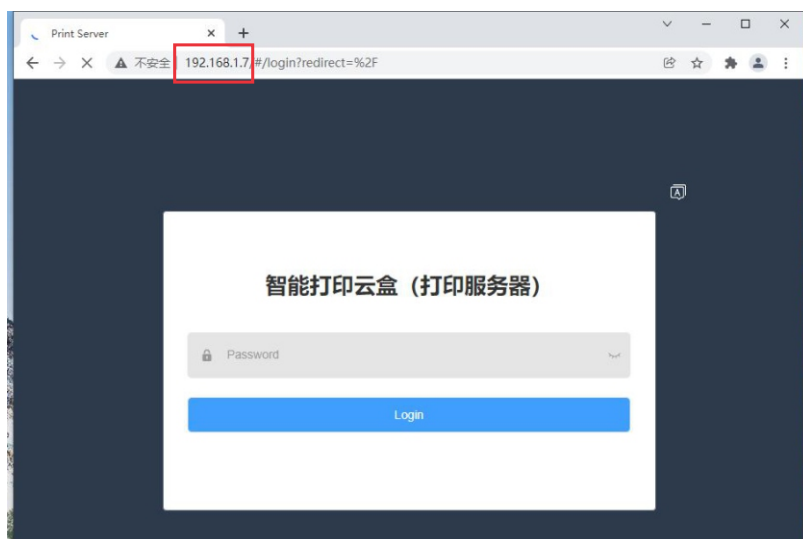


4. Test whether the IP address got is available.

Enter the IP address of LAN2 port in a browser and open it. If the server login page can be opened normally, it means that the setting has been success.

Next you can add a wired printer for all PCs or MACs in the network with the IP address.

As shown in the picture below:



Tips:

The IP address of LAN2 port is a wired IP address, so this IP address can only be used when LAN2 port is connected to router through a network cable. If it is not connected, it can't be used.

● Set up the wired network connection with a switch

Get your LAN information

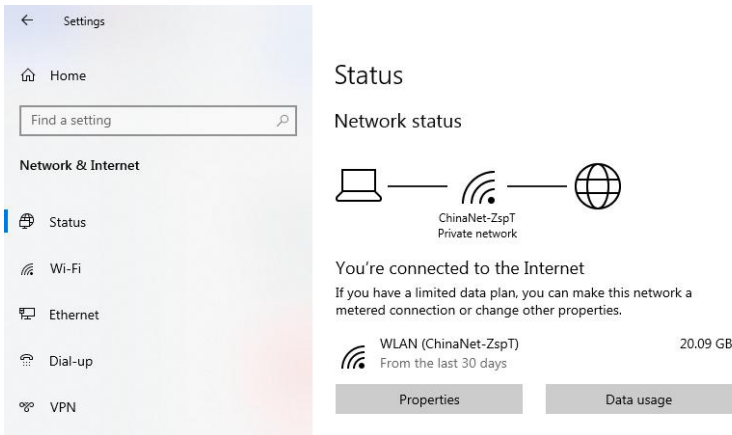
Tips:

First, open your PC control panel or "Open network & internet settings" to enter the network connected to your PC. And get the network information of your LAN.

Including the IP (IPv4) address, Subnet Mask, Gateway. After get the IP segment of local network (LAN), please copy or record it.

Taking win10 as an example, and it is the same way for other systems .

1. Open " Settings " - " Network & Internet ", find the network your PC is connected to, and click "Properties".



2. Check the IP address information of your network and copy or record it.

Properties

SSID:	ChinaNet-ZspT
Protocol:	Wi-Fi 4 (802.11n)
Security type:	WPA2-Personal
Network band:	2.4 GHz
Network channel:	3
Link speed (Receive/Transmit):	130/130 (Mbps)
IPv6 address:	240e:3b1:38f8:d900:8060:6d8d:760:b2b6
Link-local IPv6 address:	fe80::8060:6d8d:760:b2b6%18
IPv6 DNS servers:	fe80::1%18
IPv4 address:	192.168.1.3
IPv4 DNS servers:	192.168.1.1
Manufacturer:	Intel Corporation
Description:	Intel(R) Wi-Fi 6 AX200 160MHz
Driver version:	21.90.3.2
Physical address (MAC):	A4-B1-C1-06-DD-2B

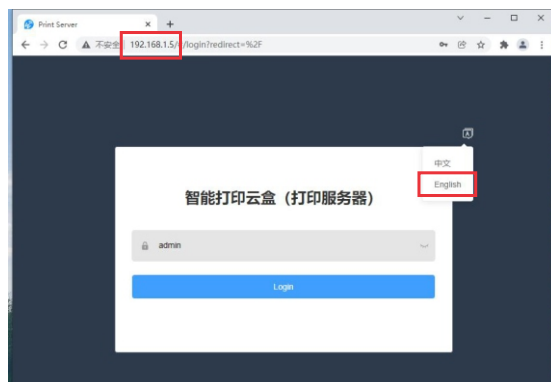
Copy

The way 1:

Enter the background of the server by the wireless IP address of the server and modify the network parameters of the LAN 1.

You can enter the background with the wireless IP address to log in, and then modify the network parameters of the LAN 1 port. Then connect the LAN 1 port to your switch.

1. Enter the wireless IP address of the server in a browser, and enter the server login page. Then enter the user name / password and log in. (user name / password: admin)



2. Select "Network" to enter "LAN1 interface".

Then change the network parameters of LAN 1 port according to your LAN network information you recorded earlier.

Usually, you only need to change the Subnet Mask and IP address(IPv4).

Status / Network / LAN1 Interface

* Protocol Static

* MAC ec:0c:45:81:01:0d

* IPv4 169.254.1.168

* Subnet Mask 255.255.0.0

Gateway

DNS1

DNS2

Submit Cancel

Change the IP to the same IP as your network segment

The subnet mask should be different from your network

The changing method is as follows:

If your LAN IP is 192.168.1.136, the network segment IP is 192.168.1.xxx
The IP address of LAN1 should be changed to 192.168.1.xxx.

For example, it can be changed to 192.168.1.168 or 192.168.1.39, as long as it is not the same as the IP of other devices in your LAN.

If your LAN IP is 172.16.0.59, the segment IP is 172.16.0.xxx
The IP address of lan1 should be changed to 172.16.0.xxx

For example, it can be changed to 172.16.0.168 or 172.16.0.39, as long as it is not the same as the IP of other devices in your LAN.

Protocol: Static

Subnet Mask: xxx.xxx.xxx.xxx

The Subnet Mask must be different from your LAN Subnet Mask, or different from the Subnet Mask of the "WiFi Interface" of the server . For example, if your LAN Subnet Mask is 255.255.255.0, the LAN1 port should be 255.255.0.0 or 255.255.255.255.

If not, when the server is disconnected from the switch, the wireless IP address of the server will not be accessible. If the Subnet Mask of LAN1 port is the same as that of your LAN Subnet Mask, the server must be connected to the switch for the wireless IP address to access normally.

Other special IP can also be set according to the above method.

Note: Just the IP address is changed to the IP of the same network segment as your LAN, and the Subnet Mask can't be the same as your LAN Subnet Mask. The others need not be filled in.

3. After changing, click "**Submit**" and wait for 10 seconds.

The screenshot shows the 'LAN1 Interface' configuration page. At the top, there is a breadcrumb trail: 'Status / Network / LAN1 Interface'. The configuration fields are as follows:

- * Protocol:** A dropdown menu set to 'Static', highlighted with a red box.
- * MAC:** A text field containing 'ec:0c:45:81:01:0d'.
- * IPv4:** A text field containing '192.168.1.45', highlighted with a red box.
- * Subnet Mask:** A text field containing '255.255.0.0', highlighted with a red box.
- Gateway:** An empty text field.
- DNS1:** An empty text field.
- DNS2:** An empty text field.
- Buttons:** At the bottom, there are two buttons: 'Submit' (blue) and 'Cancel' (grey). The 'Submit' button is highlighted with a red box.

4. Take the server to the place where need to connect the printer.

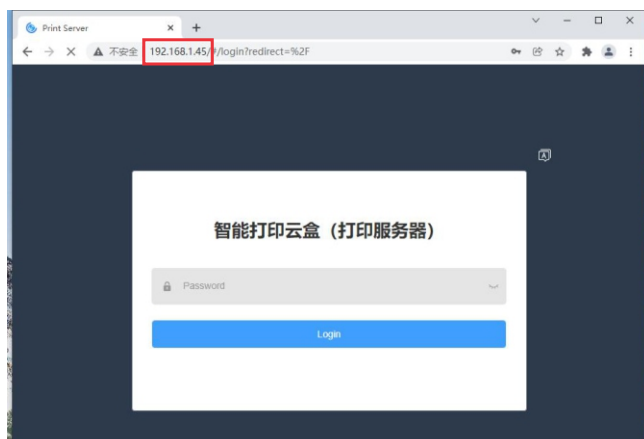
Connect the LAN 1 port of the server to the switch with a network cable, and the switch is connected to the router. Then connect your printer with a USB cable.



Test whether the connection to the switch is successful.

Enter the IP address of LAN1 port you assigned and open it in a browser. If the server background page can be opened normally, it means that the setting is success.

Next you can using the IP adress to add a wired printer for all PCs or MACs in the network.



If the page can't normally be opened, please confirm the following:

- ① Has the switch been connected to the LAN 1 port of the server
- ② Has the switch been correctly connected to your router
- ③ Has the server or switch been powered / turned on
- ④ Whether your PC is in the same LAN as the server and switch
- ⑤ Change to another browser to open the IP page

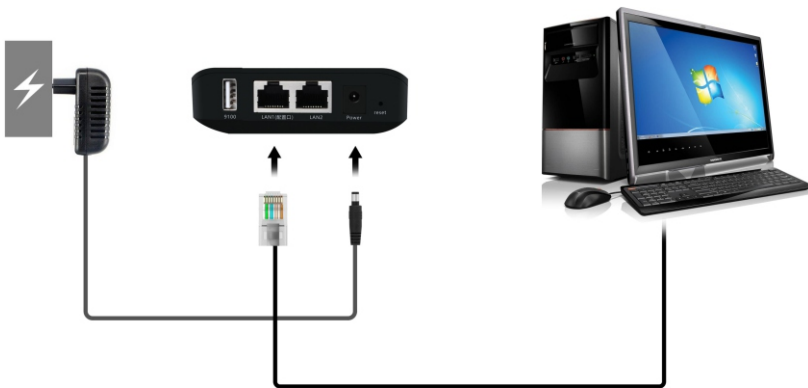
If you still can't open the IP page, please reset the server to the factory settings, and then re set it up.

Please refer to "8. Reset factory settings"

The way 2:

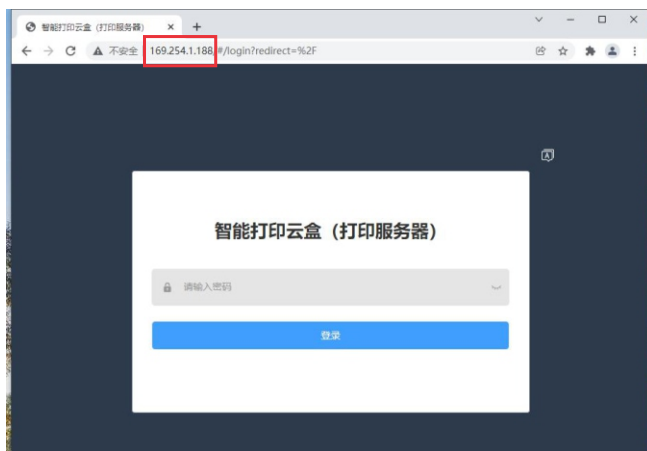
Connect the LAN 1 port of the server to RJ45 of your PC to modify the network parameters of the LAN 1 port.

1. Connect the LAN 1 (配置口)(configuration port) of the server to the RJ45 of your PC with a network cable. as shown in the figure:



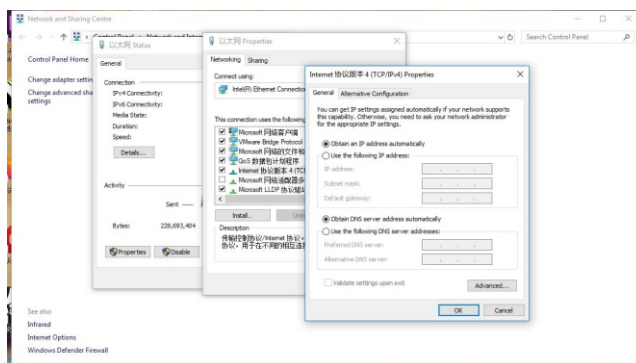
2. Open a browser and enter the default IP of LAN 1 (配置口)
(**configuration port**) of the server: **169.254.1.188** (Look at the label on
the bottom of the product), and open the login page of server .

Please don't use the Internet Explorer, recommend Google or Firefox.



If the page of the IP can't be opened, please check whether your PC
network is "Obtain an IP address automatically" or whether the server is
in the factory setting status.

If not, please change your PC network to "Obtain an IP address
automatically" or reset the server to factory settings. (if you can open the
page normally, please ignore this step)



IP settings

IP assignment:

Automatic (DHCP)

Edit

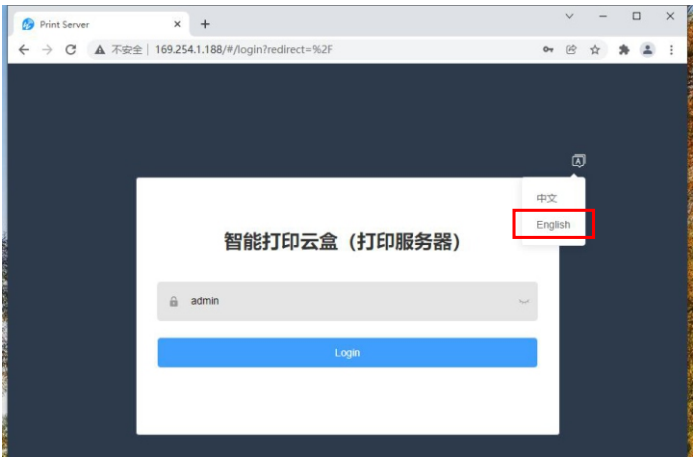
If the page of server background can't be normally opened, please check the following items:

- Whether the computer network is **"Obtain an IP address automatically" / "automatic DHCP"** or whether the server is in the factory setting status.
- Don't use Internet Explorer. Google browser or Firefox browser is recommended. You can try to switch the browsing mode, or change the browser to open the IP.
- Please check whether the network cable connection between your PC and the server is correct. whether your PC connected to the **"LAN1 配置口"** of the server.

You can try the following:

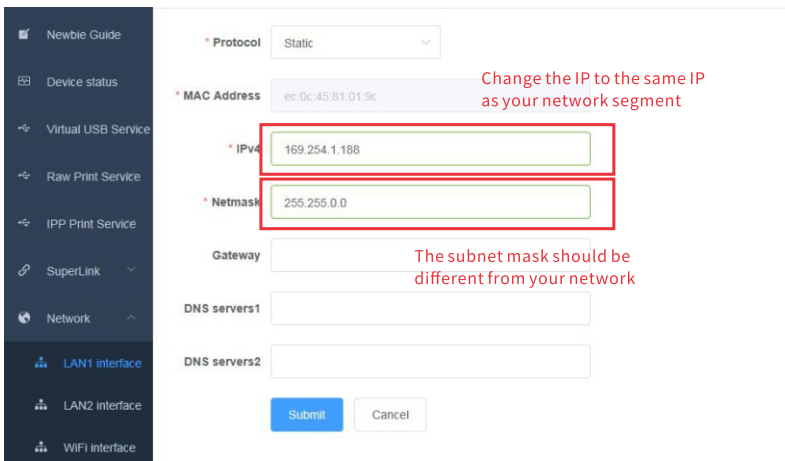
- ① Reconnect your PC to the **"LAN1 配置口"** of the server
- ② Change the browser and then re enter to open the IP
- ③ Change the IP settings to **"Obtain an IP address automatically" / "automatic DHCP"**
- ④ Restart the PC and re open it
- ⑤ Change to another PC and re open it
- ⑥ Reset the server to the factory settings. Please refer to **"8. Reset the server to factory settings"**

3. The languages showed can be switched on the icon in the upper right corner. Enter the user name and password to log in (the user name and password are: **admin**)



4. Select "Network" to enter "LAN1 Interface". Then modify the network parameters of LAN 1 port according to your LAN network information you recorded earlier.

Usually, you only need to modify the Subnet Mask and IP address(IPv4).



The changing method is as follows:

If your LAN IP is 192.168.1.136, the network segment IP is 192.168.1.xxx
The IP address of LAN1 should be changed to 192.168.1.xxx.

For example, it can be changed to 192.168.1.168 or 192.168.1.39, as long as it is not the same as the IP of other devices in your LAN.

If your LAN IP is 172.16.0.59, the segment IP is 172.16.0.xxx
The IP address of lan1 should be changed to 172.16.0.xxx

For example, it can be changed to 172.16.0.168 or 172.16.0.39, as long as it is not the same as the IP of other devices in your LAN.

Protocol: Static

Subnet Mask: xxx.xxx.xxx.xxx

The Subnet Mask must be different from your LAN Subnet Mask, or different from the Subnet Mask of the "WiFi Interface" of the server . For example, if your LAN Subnet Mask is 255.255.255.0, the LAN1 port should be 255.255.0.0 or 255.255.255.255.

Otherwise, when the server is disconnected from the switch, the wireless IP address of the server will not be accessible. If the Subnet Mask of LAN1 port is the same as that of your LAN Subnet Mask, the server must be connected to the switch for the wireless IP address to access normally.

Other special IP can also be set according to the above method.

Note: Just the IP address is changed to the IP of the same network segment as your LAN, and the Subnet Mask can't be the same as your LAN Subnet Mask. The others need not be filled in.

5. After changing, click "**Submit**" and wait for 10 seconds.

* Protocol

* MAC

* IPv4

* Subnet Mask

Gateway

DNS1

DNS2

6. Take the server to the place where need to connect the printer.

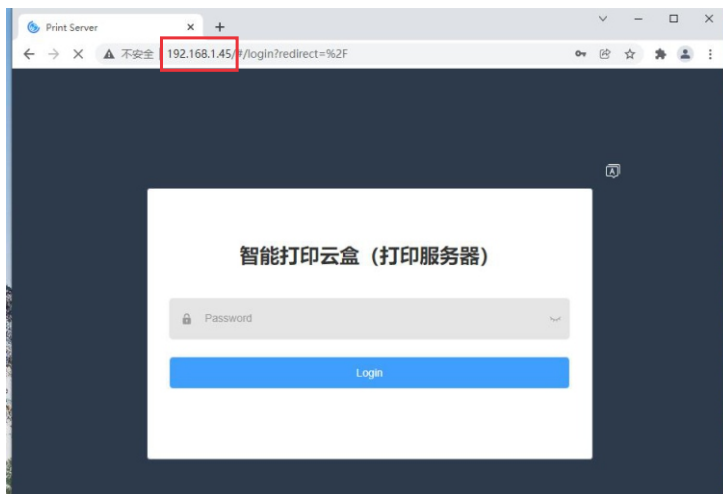
Connect the LAN 1 port of the server to the switch with a network cable, and the switch is connected to the router. Then connect your printer with a USB cable.



Test whether the connection to the switch is successful.

Enter the IP address of LAN1 port you assigned and open it in a browser. If the server background page can be opened normally, it means that the setting is success.

Next you can add a wired printer for all PCs or MACs in the network with the IP address. As shown in the picture below:



If the page can't normally be opened, please confirm the following:

- ① Has the switch been connected to the LAN 1 port of the server
- ② Has the switch been correctly connected to your router
- ③ Has the server or switch been powered / turned on
- ④ Whether your PC in the same LAN as the server and switch
- ⑤ Change to another browser to open the IP page

If you still can't open the IP page, please reset the server to the factory settings, and then re set it up.

Please refer to "8. Reset to factory settings"