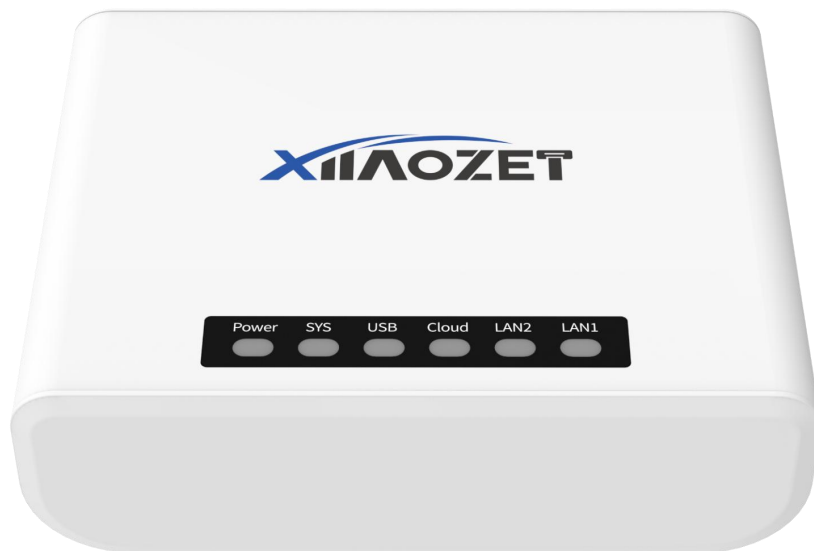




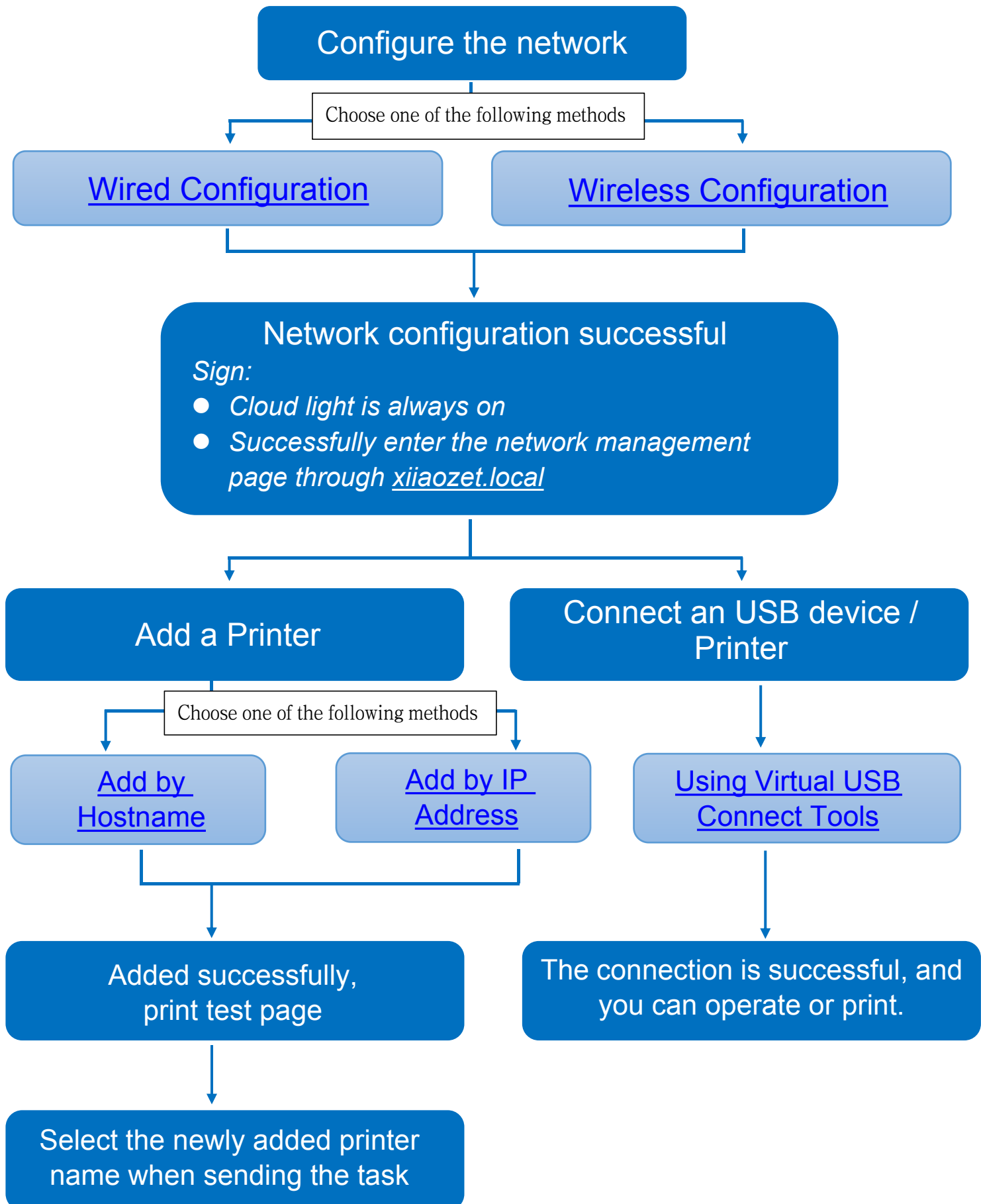
# Networking Print Server

## Quick User Guide



LK100EW/ LK300EW For Mac OS

# Usage Guide



# Step1 : How to Configure Print Server to Connect to the Local Network

The print server can be connected to the network either through a wired or wireless connection. Note: Please select only one method you prefer for connection.

## Table of Contents


- Method One: Wireless Network Connection (via Automatic Popup Page)
- Method Two: Wireless Network Connection (via Management Interface)
- Method Three: Wired Connection

## Method One: Wireless Network Connection (via Automatic Popup Page)

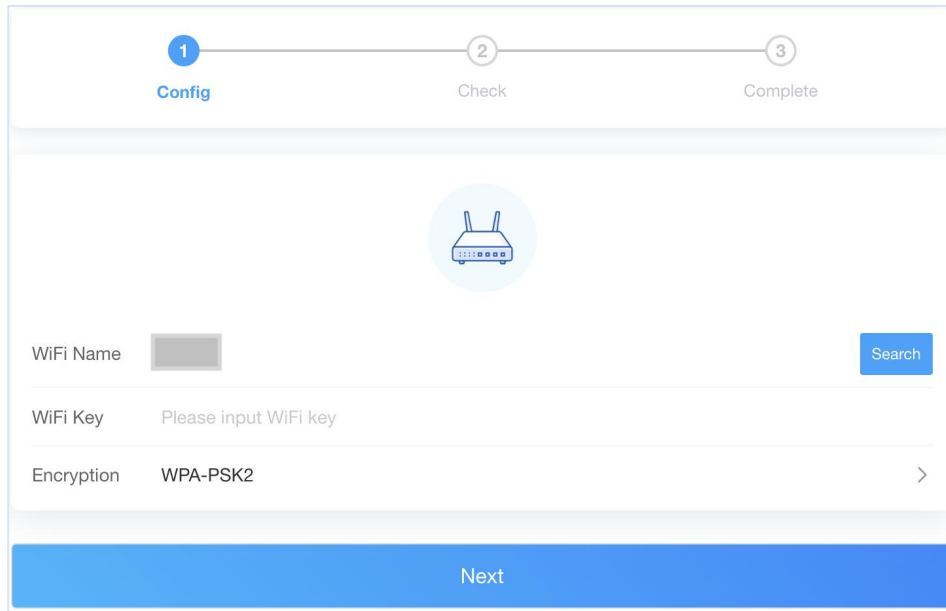
( Note: Here are the network configuration steps for when the print server is in its initial state.)



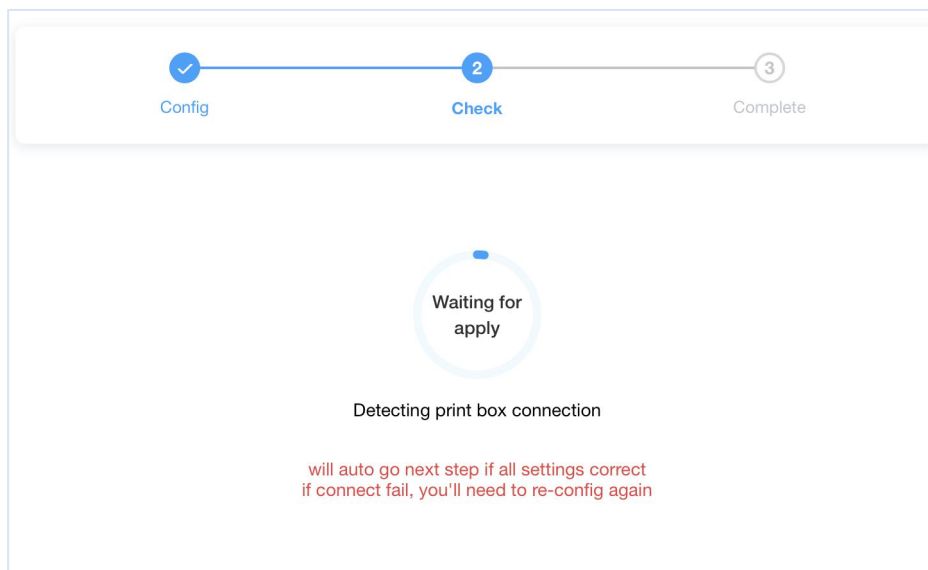
1. Locate and connect to the Wi-Fi network named “USBServer\_Setup” from your computer’s available networks list.
2. Once you connect to USBServer\_Setup, a network setup page will automatically pop up on your computer.

Note: If the network setup page did not automatically pop up, [please setup network via Management Interface turn to Method Two](#) .

- Simply select your 2.4G Wi-Fi and enter your Wi-Fi password. The printer server will then automatically configure the Wi-Fi parameters.

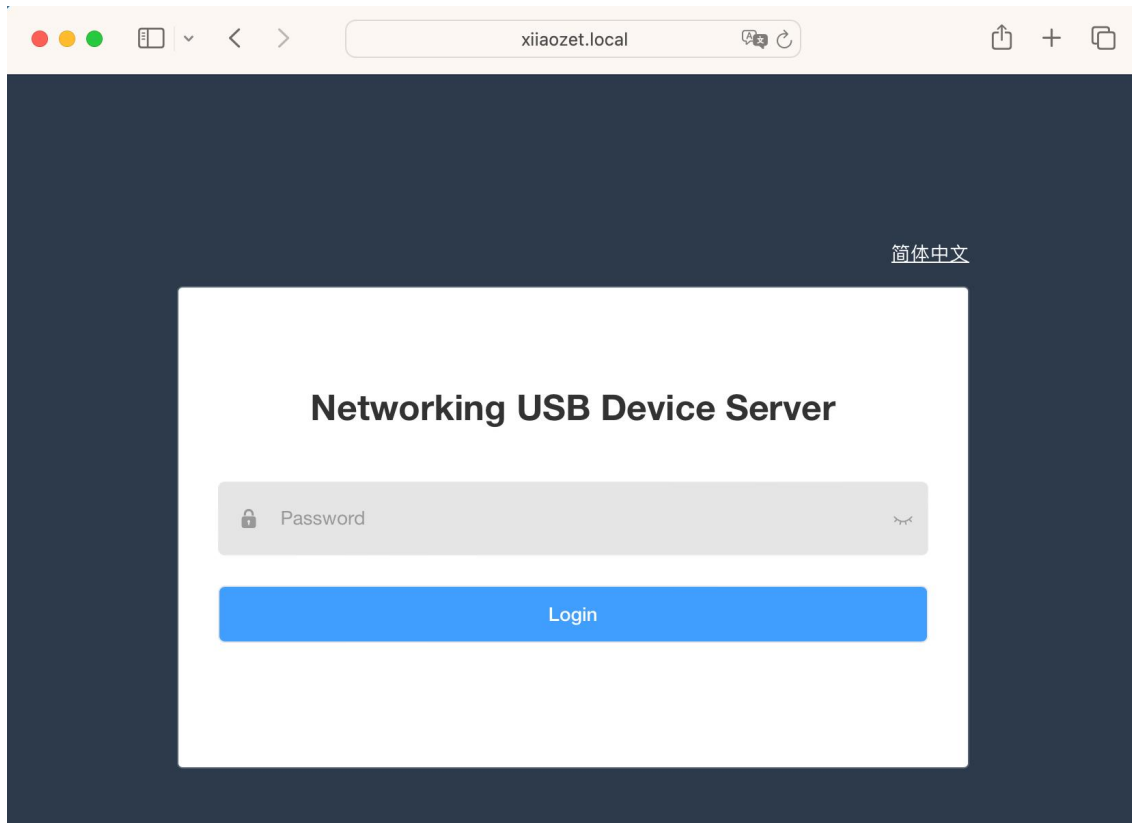


- Wait for about 1 minute, and when the cloud indicator light stays steadily lit, it indicates successful network setup.



- Connect your computer to the same network as the print server.

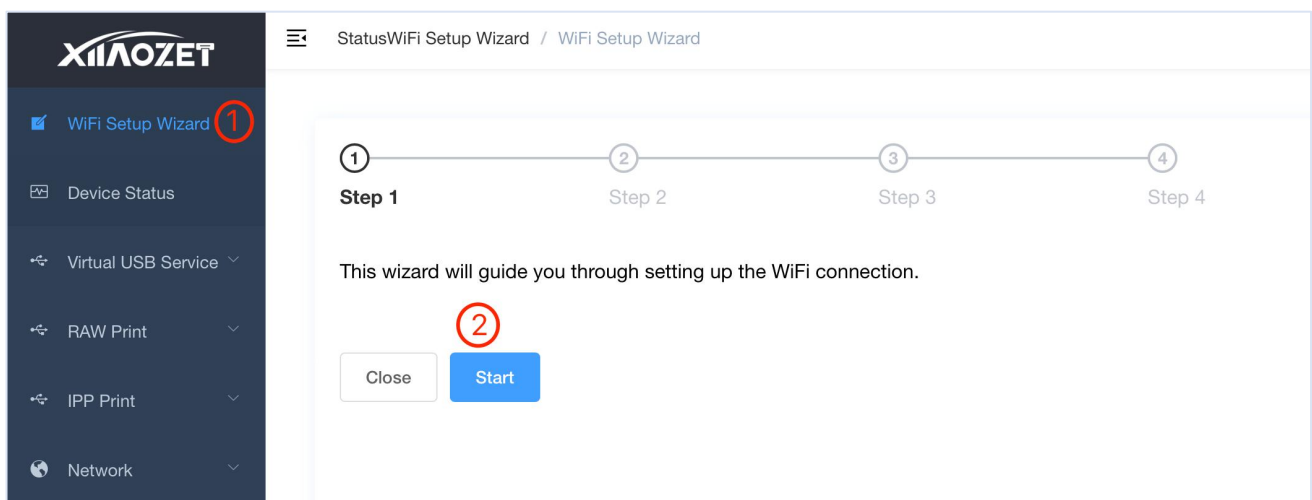
6. Open a browser and enter 'xiiaozet.local' to access the web management page. Default password: admin. If the page loads successfully, it means the print server is connected to the network and can communicate with your computer.



- [Back to the installation flowchart to proceed to the next step](#) 

## Method Two: Wireless Network Connection (via Management Interface)

1. Locate and connect to the Wi-Fi network named “USBServer\_Setup” from your computer’s available networks list. ( If you can not find “USBServer\_Setup”, please press the reset button for 5s to restore initial settings.)
2. Once connected to “USBServer\_Setup” access the print server’s management interface by entering the IP address 192.168.188.188 into your web browser.
3. Enter the key “admin” in the provided key box and click “Login”
4. Navigate to the Wi-Fi Setup Wizard in the toolbar and click the “Start” button.



5. Upon starting, select your desired 2.4G Wi-Fi network from the search results.  
(Note: Ensure this Wi-Fi network is on the same local network as the computer where printing tasks will occur.)

Status / WiFi Setup Wizard / WiFi Setup Wizard

Step 1 Step 2 Step 3 Step 4

1. Please select your WiFi signal in the below list
2. Press "Search again" if the wanted signal not appears
3. If the SSID is hidden, you can input the SSID on the next page

SSID	Quality	Cipher	BSSID
[Hidden]	70	psk2	[Hidden]
[Hidden]	70	none	[Hidden]
[Hidden]	70	psk2	[Hidden]

Close Search again **Submit**

6. Enter the password for the selected Wi-Fi in the Wi-Fi key box and click the "Submit" button.

Status / WiFi Setup Wizard / WiFi Setup Wizard

Step 1 Step 2 Step 3 Step 4

1. Please input your wireless password
2. Incorrect password will cause the setup failure, please make sure enter the correct password
3. Keep other parameter as default in general situations
4. If you're using a mobile phone, please reconnect the WiFi to "USBServer\_Setup" when a red error popup box appears

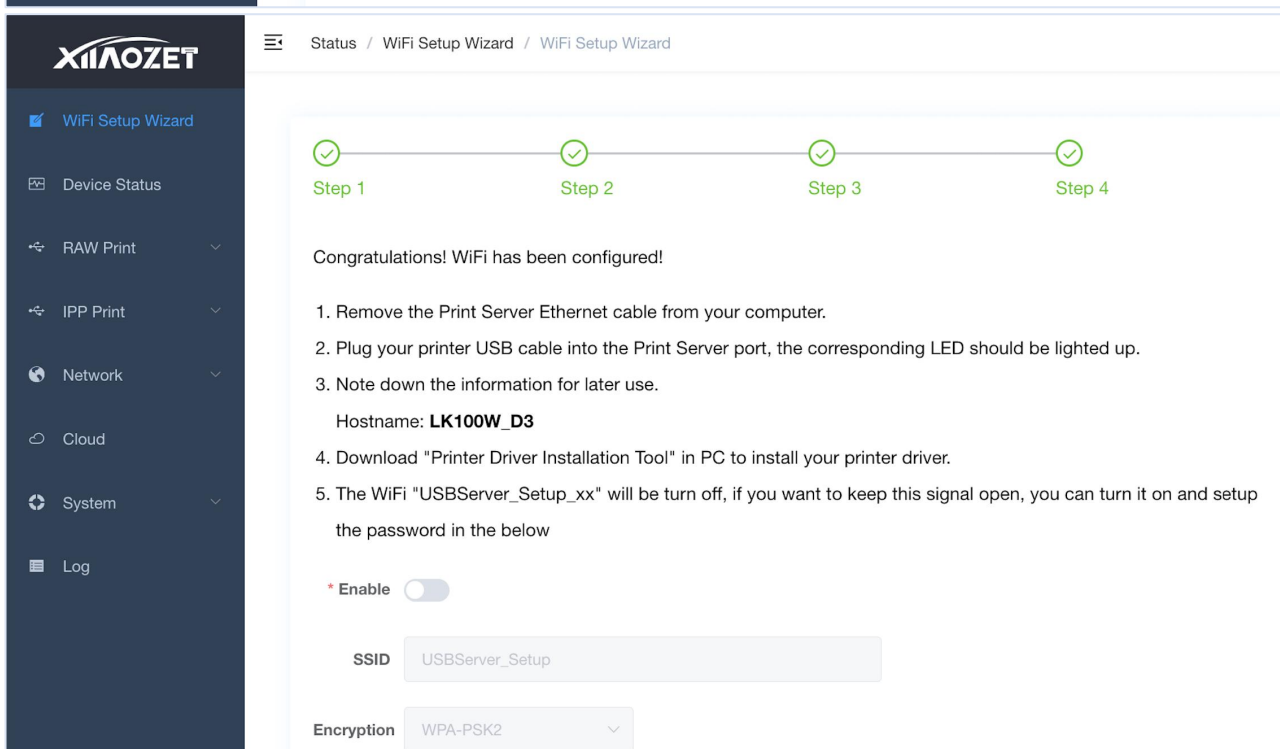
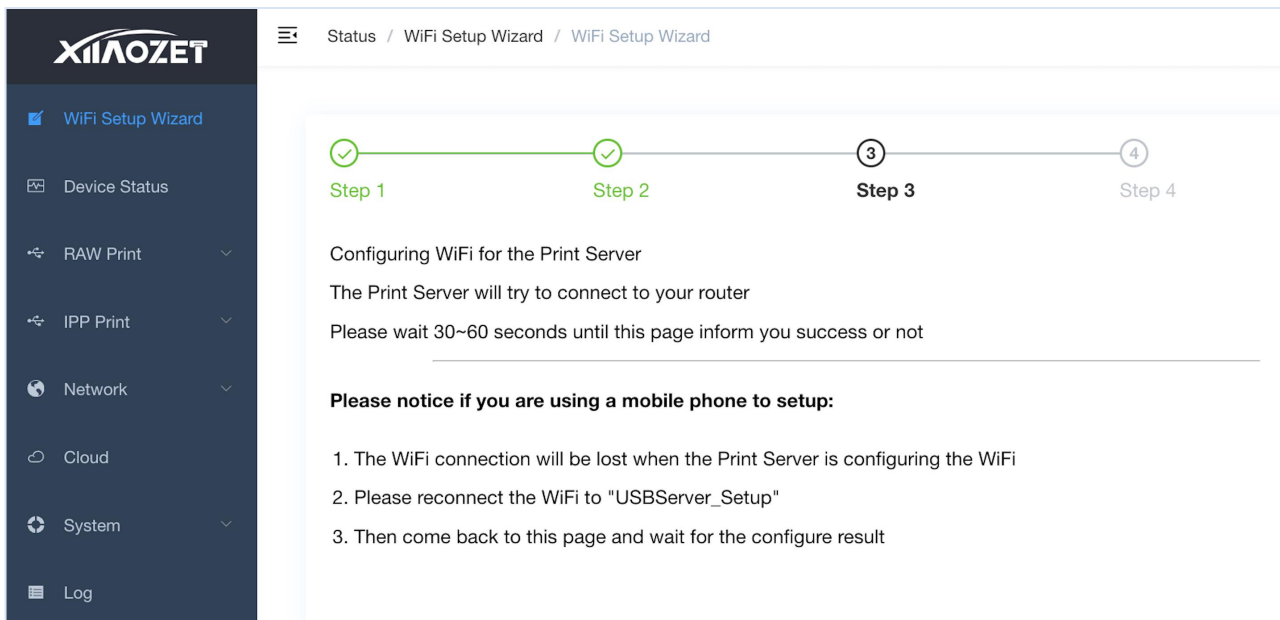
\* SSID [Hidden]

\* Encryption WPA-PSK2

\* Wi-Fi Key [Redacted]

Close Search again **Submit**

7. After submission, the print server will proceed to save, reboot, and configure the Wi-Fi parameters. Allow 30-60 seconds for this process.



8. Observe the Cloud indicator light, which stays on to indicate successful configuration.

9. Connect your computer to the same network as the print server.

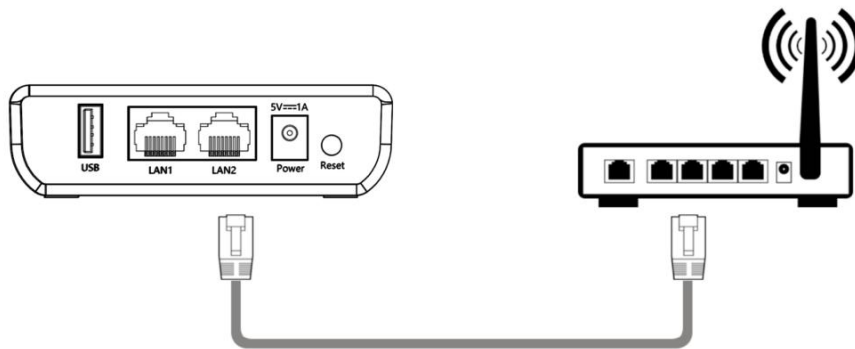
- [Back to the installation flowchart to proceed to the next step](#)





## Method Three: Wired Connection

Note: When using a wired connection, ensure that the router or switch connected to the print server can access the internet properly and is within the same local area network as the computer.



1. After powering on the print server and connecting the USB device, use an Ethernet cable to connect the LAN1/LAN2 port of print server to the router or switch.
2. The print server will obtain an IP address assigned by the router's DHCP.
3. The LAN1/LAN2 indicator remains illuminated, indicating that the wired network setup is complete.
4. Connect your computer to the same network as the print server.

Note: If your local network doesn't use DHCP for IP assignment, or if you prefer to assign a specific IP address exclusively for the print server, you'll need to manually configure the IP address for the print server.

Note: If you want to set a static IP, access the web management page via "xiiaozet.local". The default password is "admin". Set up the network settings under the "Network" tab, change the Protocol to "static".

- [Back to the installation flowchart to proceed to the next step](#) 

# Step2: How to Add Printer to Computer Manually with hostname (Mac)

## Table of Contents

- 1. Install the Printer Driver
- 2. Open the web management page of the Print Server
- 3. Open "Printers & Scanners" Settings
- 4. Configure the IP Printer
- 5. Select the Printer Driver
- 6. Complete Adding the Printer
- 7. Send a print job to the printer








## **1. Install the Printer Driver**

Before adding the printer, ensure that you have installed the appropriate printer driver on your Mac. It's crucial to check if your printer has drivers that work with macOS. If it doesn't, you won't be able to add it. You can usually find the latest drivers on the printer manufacturer's website.

## **2. Open the web management page of the Print Server**

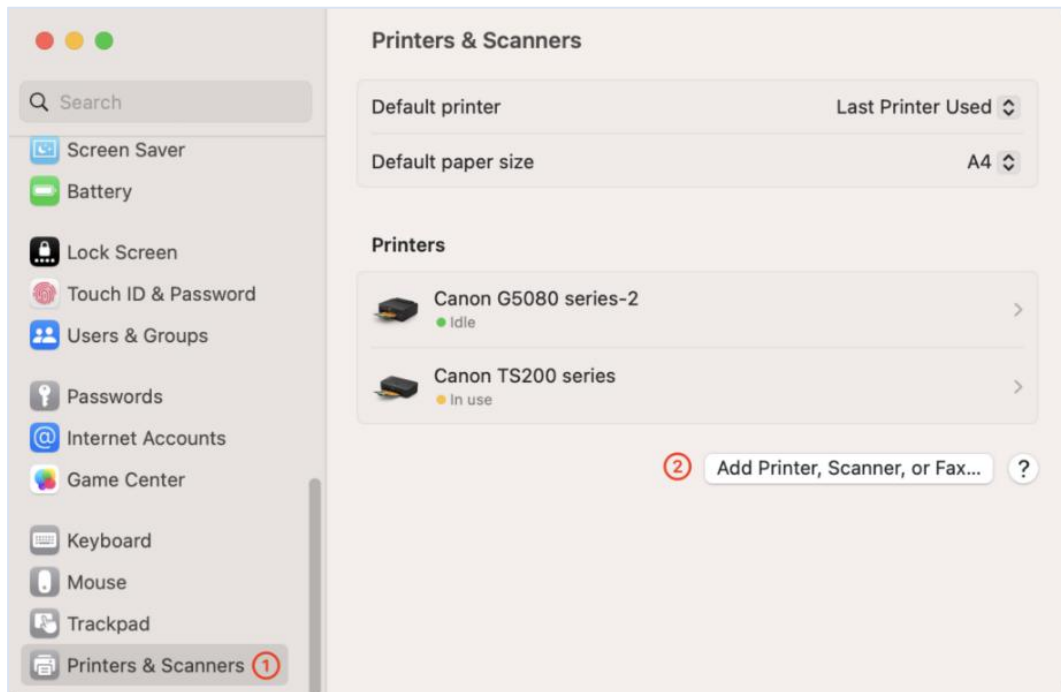
After configuring the network for print server, open your browser and enter the following address: `xiiaozet.local`, enter to access the print server's Web Management Page.

On the Web Management Page, you can find important details such as the Hostname, IP Address, and the USB Port where the printer is connected.

System Info		
Status	Info	Action
Hostname		
Model	LK300EW_US	
Model ID	e461a8430b391e2c	
Firmware Version	2.1.137 (Basic)	
Serial No		
Uptime	0 day 0 hour 44 min 52 sec	
USB Info		
USB Interface	Info	Status
USB1	Manufacturer: Canon (04a9) 	
USB2	Manufacturer: None USB Model: None	

### 3. Open “Printers & Scanners” Settings

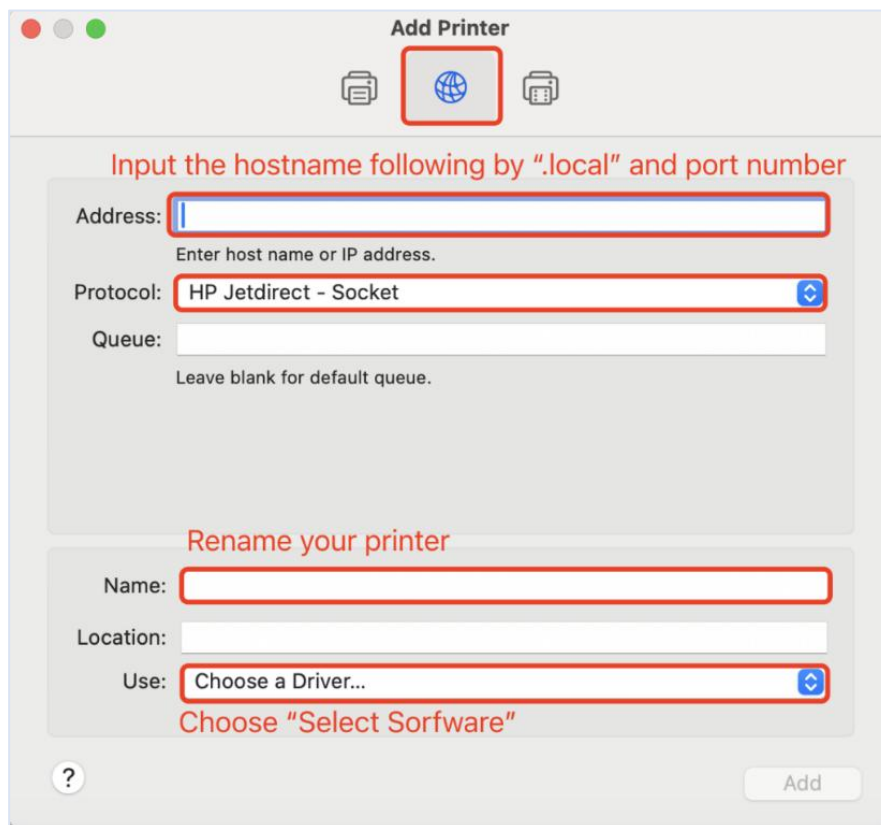
1. Click the Apple icon in the top-left corner of the screen and select “System Preferences.”
2. In the System Preferences window, find and click “Printers & Scanners.”
3. In the “Printers & Scanners” window, click the “Add Printer, Scanner, or Fax...” button at the bottom left to add a new printer.



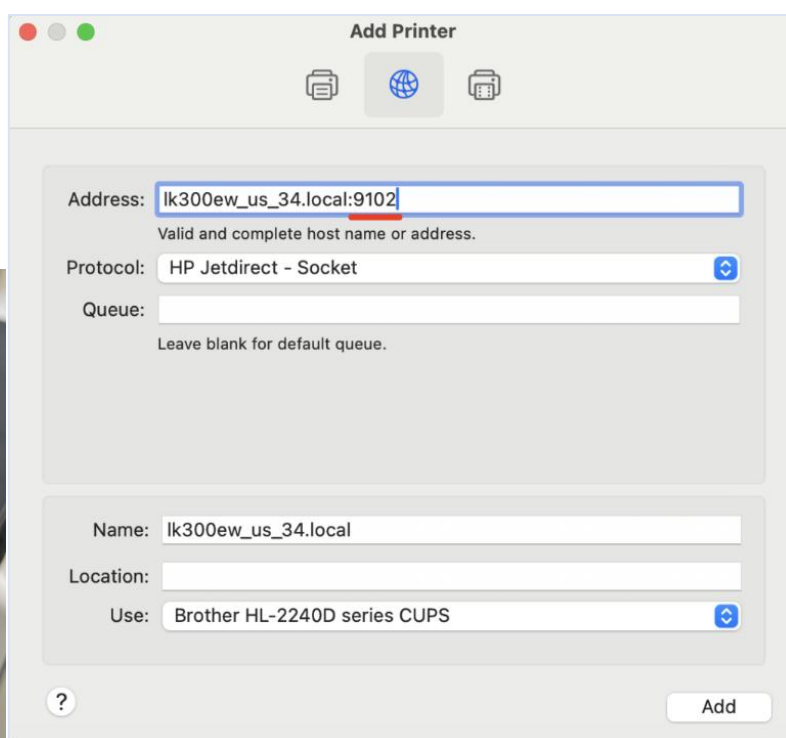
## 4. Configure the IP Printer

1. From the pop-up menu, select “Add IP Printer.”
2. In the “Address” field, enter the hostname.local and port number of the print server, for example: LK100W\_ IS\_71.local
  - Find the hostname of your print server on the web management page (Refer to Step Two).
  - For the LK300W and LK300EW models, use the corresponding port number based on which port the printer is plugged into on the print server:
    - USB1: 9100 (e.g., lk300w\_us\_71.local:9100)
    - USB2: 9101 (e.g., lk300w\_us\_71.local:9101)
    - USB3: 9102 (e.g., lk300w\_us\_71.local:9102)
3. In the “Protocol” drop-down menu, select “HP Jetdirect – Socket.”

Note: To avoid sending print jobs to the wrong printer, it is recommended to rename your printer to include “print server”.



Note: For the LK300W and LK300EW models, please use the correct port number!



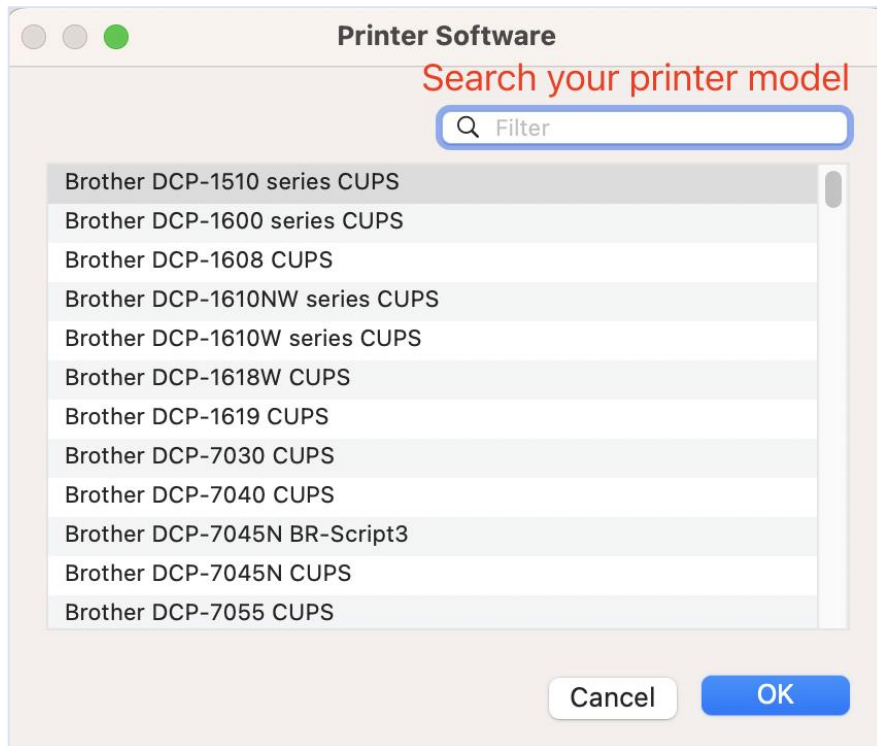
## 5. Select the Printer Driver

1. In the "Use" field, click "Select Software..." which will open a new window to choose the printer driver.

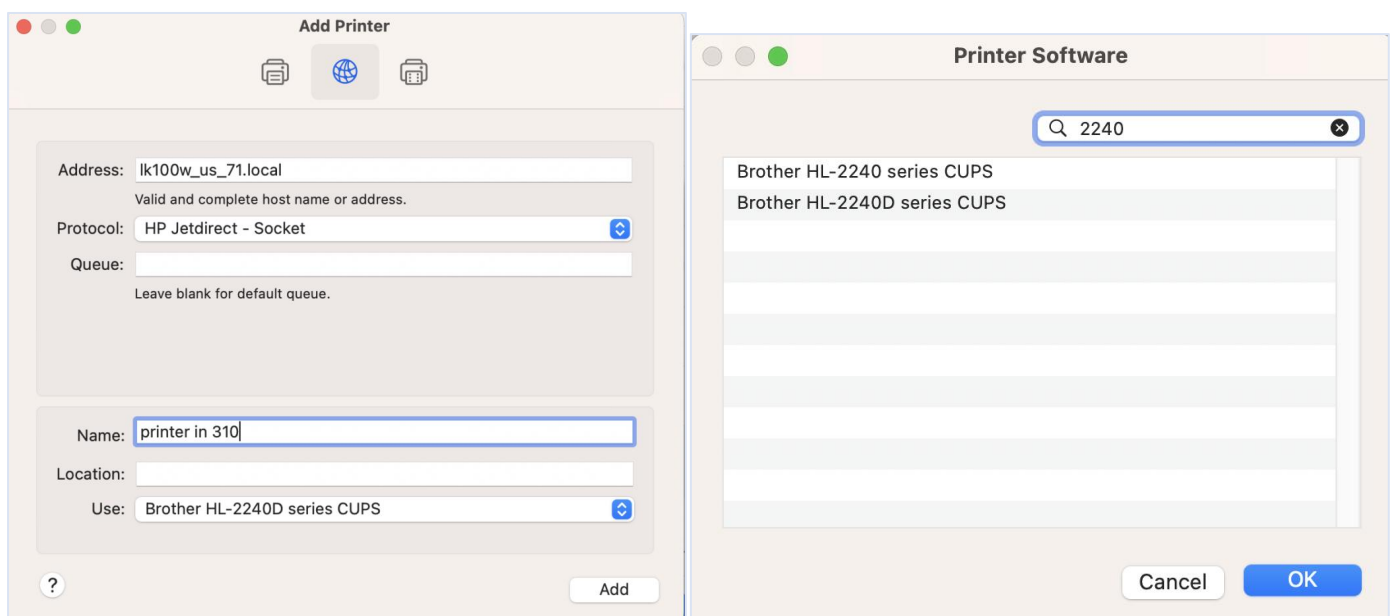
2. In the driver list, find and select the driver that matches your printer model.

Note: If the printer model cannot be found, it means that the printer driver has not been installed on the computer. You need to go back to Step One.

3. Click the “OK” button to confirm your selection.



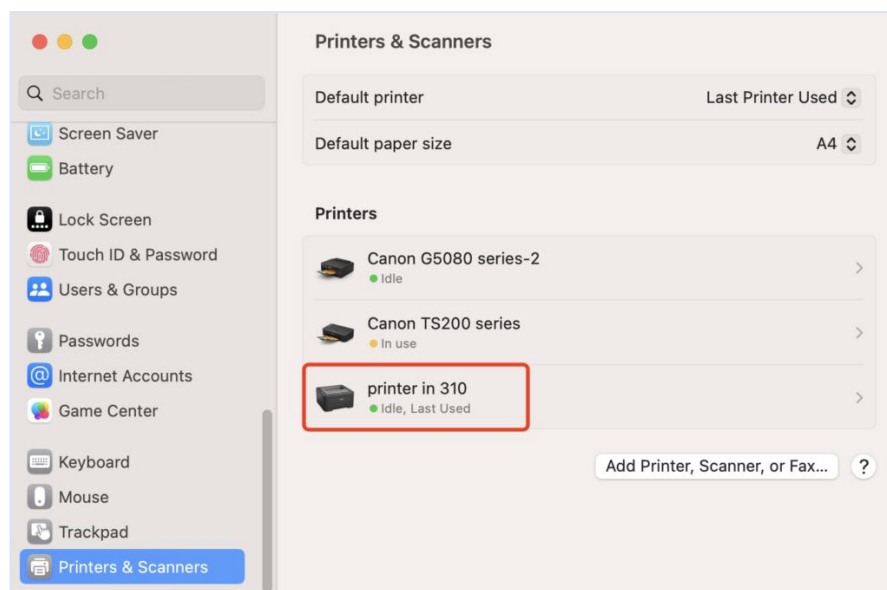
Take brother printer as an example:



Note: It is recommended to include terms like “Print Server” in the printer name to easily identify it and avoid selecting the wrong printer when sending print jobs.

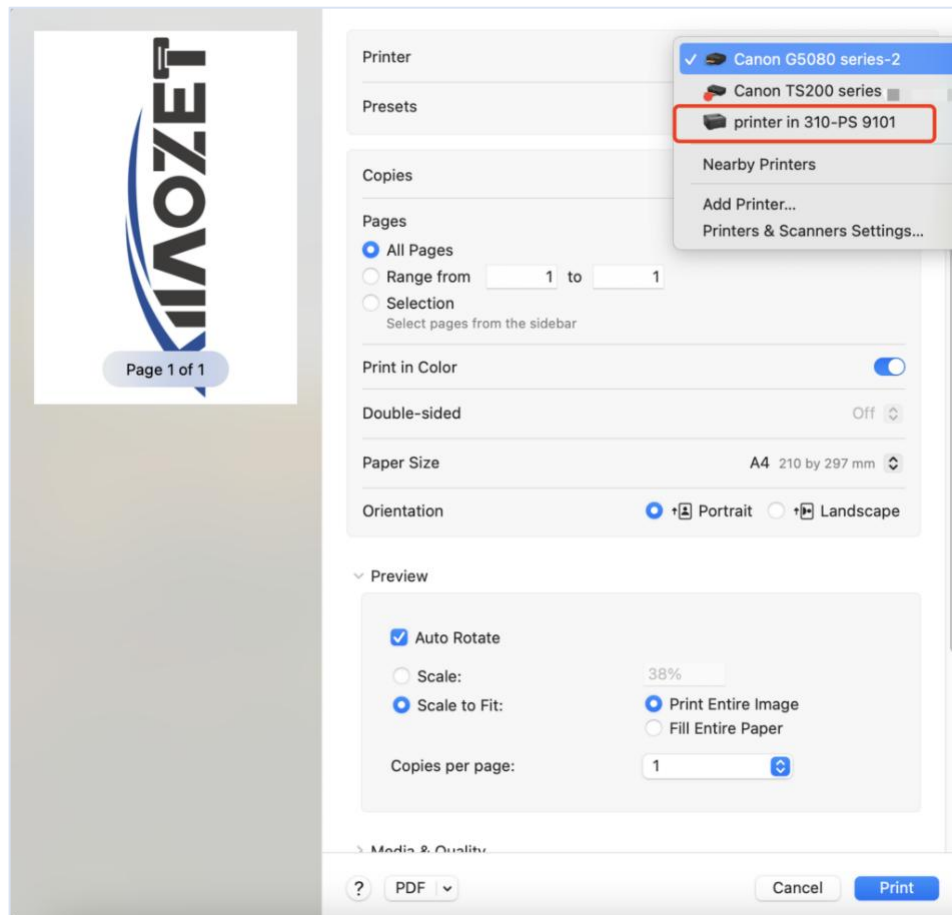
## 6. Complete Adding the Printer

1. After confirming that all settings are correct, click the “Add” button.
2. Once added successfully, the newly added printer will appear in the “Printers & Scanners” list.



## 7. Send a print job to the printer

Important !!! When sending a print job, make sure to select the newly added printer by its name.



Notes:

Ensure that both the print server and the Mac are on the same network.

[If unable to successfully add the printer, try other methods.](#) 



# Step2: How to Add Printer to Computer Manually with IP Address (Mac)

## Table of Contents

- 1. Install the Printer Driver
- 2. Open the web management page of the Print Server
- 3. Open "Printers & Scanners" Settings
- 4. Configure the IP Printer
- 5. Select the Printer Driver
- 6. Complete Adding the Printer
- 7. Send a print job to the printer


## **1. Install the Printer Driver**

Before adding the printer, ensure that you have installed the appropriate printer driver on your Mac. It's crucial to check if your printer has drivers that work with macOS. If it doesn't, you won't be able to add it. You can usually find the latest drivers on the printer manufacturer's website.


## **2. Open the web management page of the Print Server**

After configuring the network for print server, open your browser and enter the following address: `xiiaozet.local`, enter to access the print server's Web Management Page.

On the Web Management Page, you can find important details such as the Hostname, IP Address, and the USB Port where the printer is connected.

Network Status			When you use Wired Connection
Network Interface	Info	Status	
LAN1	Mode: DHCP IPv4: 192.168.1.50 Subnet Mask: 255.255.255.0 Gateway: 192.168.1.1 DNS: [ "192.168.1.1" ]		
WiFi	Mode: DHCP WiFi Channel: the ( 2.4 GHz , 0MHz )		

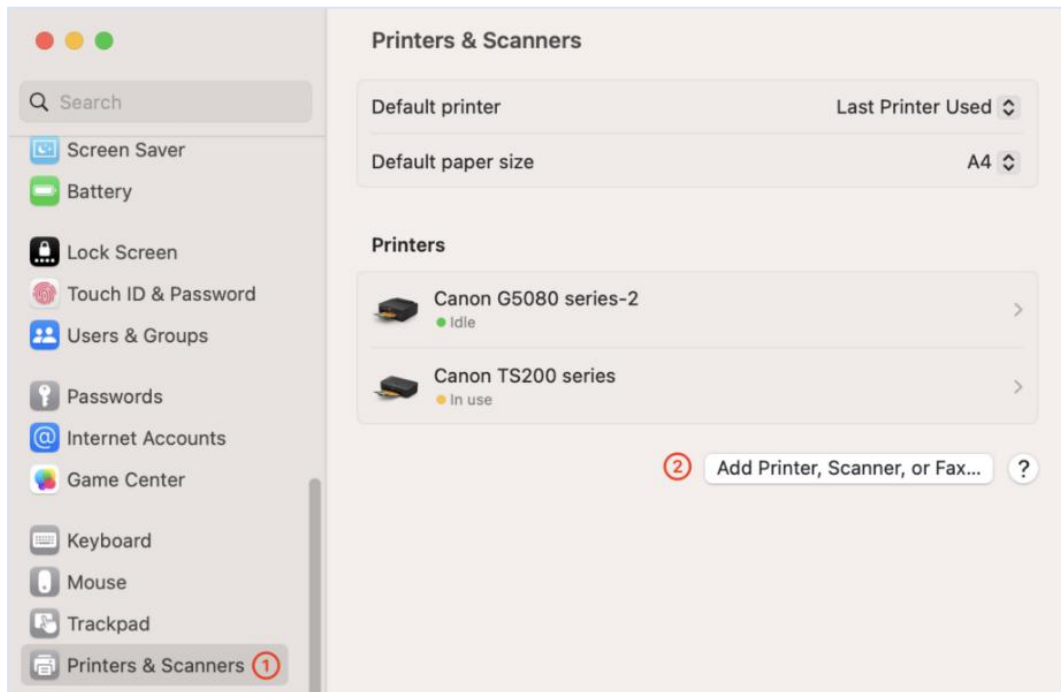
  

Network Status			When you use Wireless Connection
Network Interface	Info	Status	
LAN1	Mode: DHCP IPv4: 192.168.1.50 Subnet Mask: 255.255.255.0 Gateway: 192.168.1.1 DNS: [ "192.168.1.1" ]		
WiFi	Mode: DHCP IPv4: 192.168.1.50 Subnet Mask: 255.255.255.0 Gateway: 192.168.1.1 DNS: [ "192.168.1.1" ]		

### 3. Open “Printers & Scanners” Settings

1. Click the Apple icon in the top-left corner of the screen and select “System Preferences.”
2. In the System Preferences window, find and click “Printers & Scanners.”

In the “Printers & Scanners” window, click the “Add Printer, Scanner, or Fax...” button at the bottom left to add a new printer.



## 4. Configure the IP Printer

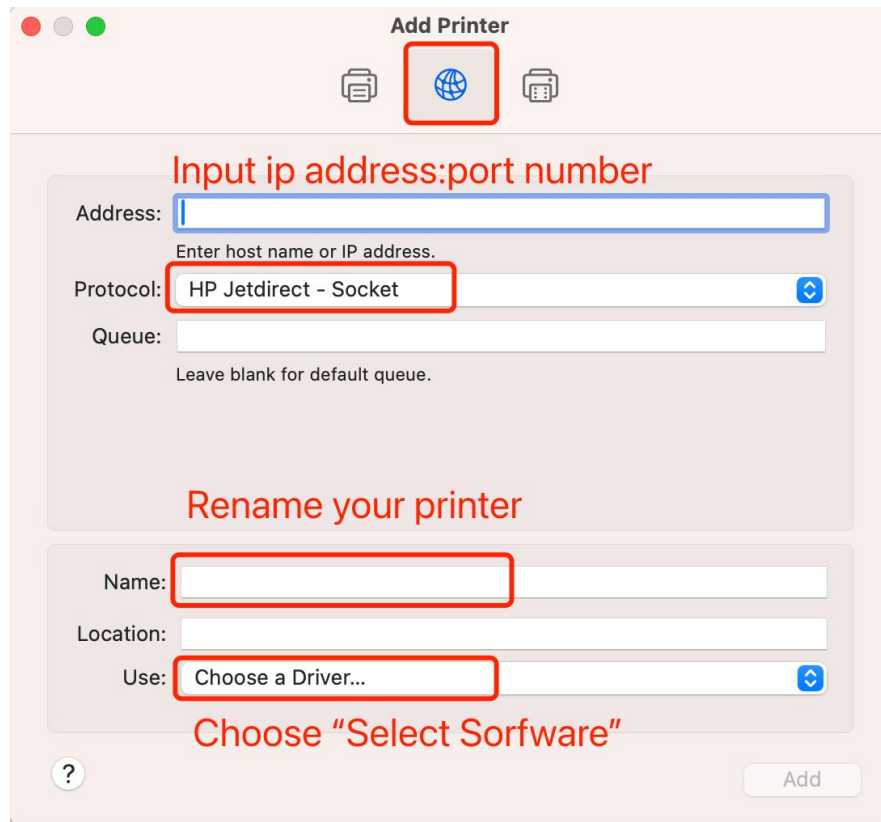
3. From the pop-up menu, select “Add IP Printer.”

In the “Address” field, enter the print server and port number of the print server, for example: 192.168.4.61

- Find the ip address of your print server on the web management page (Refer to Step Two).
- For the LK300W and LK300EW models, use the corresponding port number based on which port the printer is plugged into on the print server:
- USB1: 9100 (e.g., 192.168.4.61:9100)
- USB2: 9101 (e.g., 192.168.4.61:9101)
- USB3: 9102 (e.g., 192.168.4.61:9102)

4. In the “Protocol” drop-down menu, select “HP Jetdirect – Socket.”

Note: To avoid sending print jobs to the wrong printer, it is recommended to rename your printer to include “print server”.

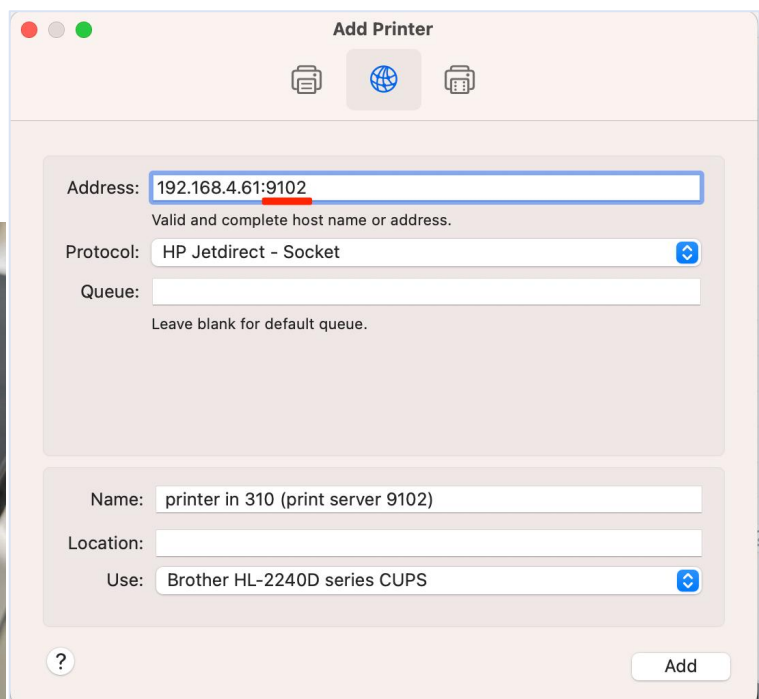


The screenshot shows the 'Add Printer' window with several red annotations. At the top, the 'Add Printer' title bar is visible. Below it, three icons (printer, globe, printer) are shown, with the globe icon highlighted by a red box. The main form has the following fields and annotations:

- Address:** A text field with a red box around it and the text "Input ip address:port number" above it.
- Protocol:** A dropdown menu with "HP Jetdirect - Socket" selected, highlighted by a red box.
- Queue:** A text field with the instruction "Leave blank for default queue." below it.
- Name:** A text field with a red box around it and the text "Rename your printer" above it.
- Location:** A text field.
- Use:** A dropdown menu with "Choose a Driver..." selected, highlighted by a red box, and the text "Choose 'Select Software'" below it.

At the bottom right, there is an "Add" button.

Note: For the LK300W and LK300EW models, please use the correct port number!



The screenshot shows the 'Add Printer' window with the following values entered:

- Address:** 192.168.4.61:9102
- Protocol:** HP Jetdirect - Socket
- Queue:** (blank)
- Name:** printer in 310 (print server 9102)
- Location:** (blank)
- Use:** Brother HL-2240D series CUPS

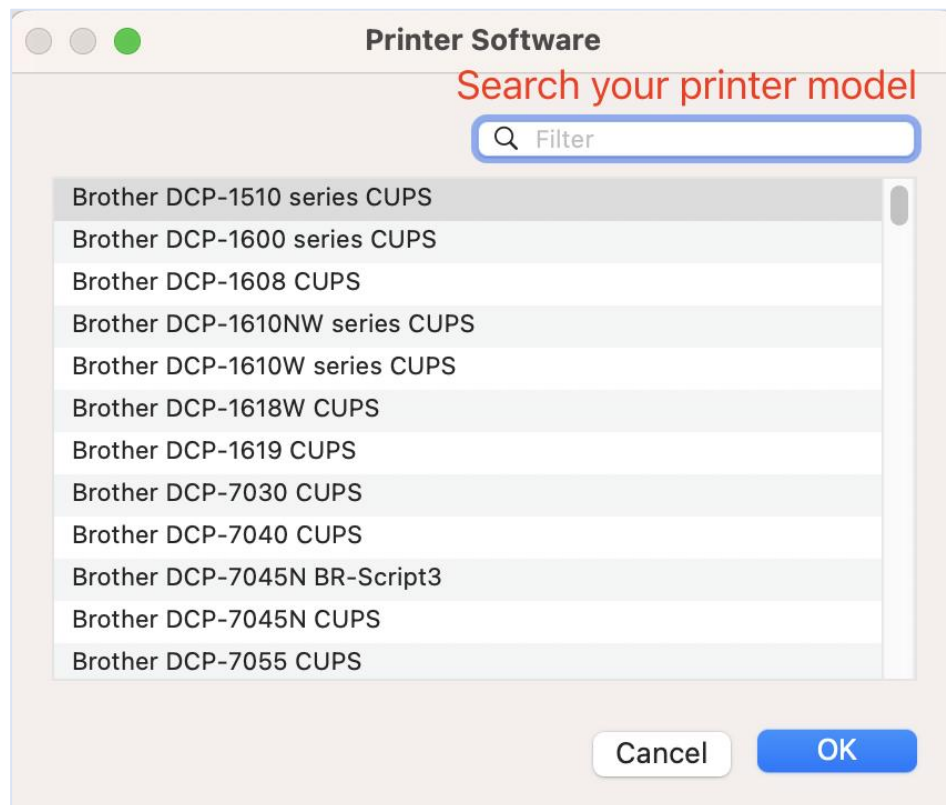
An "Add" button is at the bottom right.

## 5. Select the Printer Driver

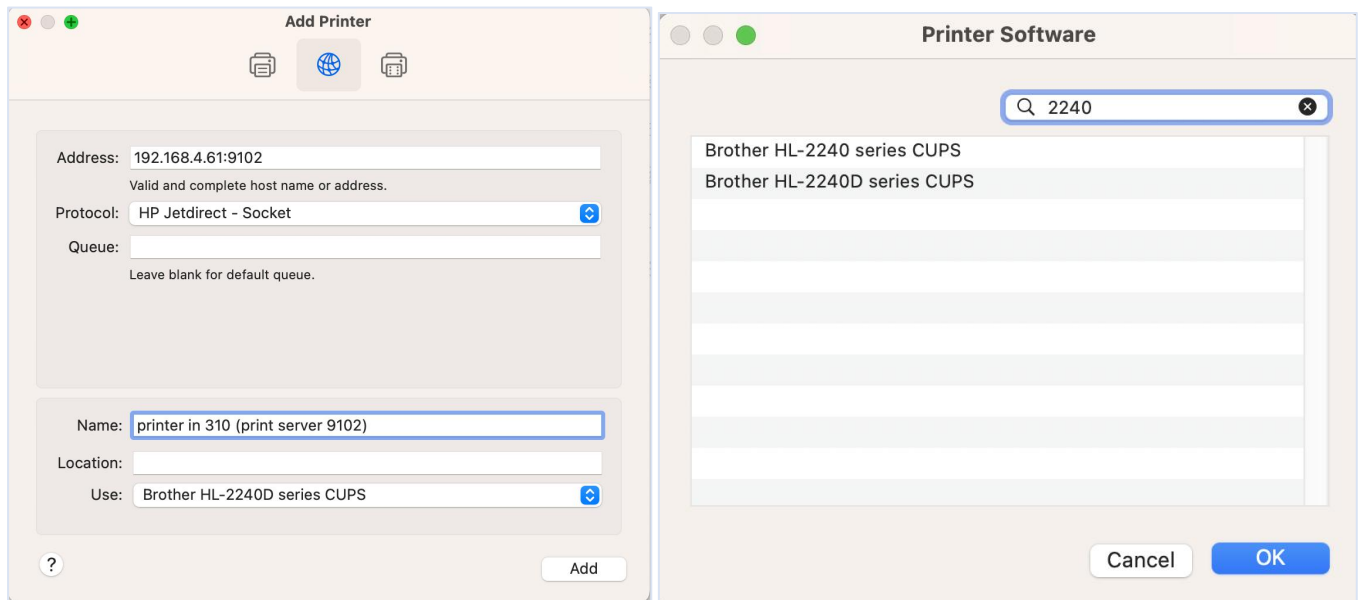
1. In the “Use” field, click “Select Software...” which will open a new window to choose the printer driver.
2. In the driver list, find and select the driver that matches your printer model.

Note: If the printer model cannot be found, it means that the printer driver has not been installed on the computer. You need to go back to Step One.

3. Click the “OK” button to confirm your selection.



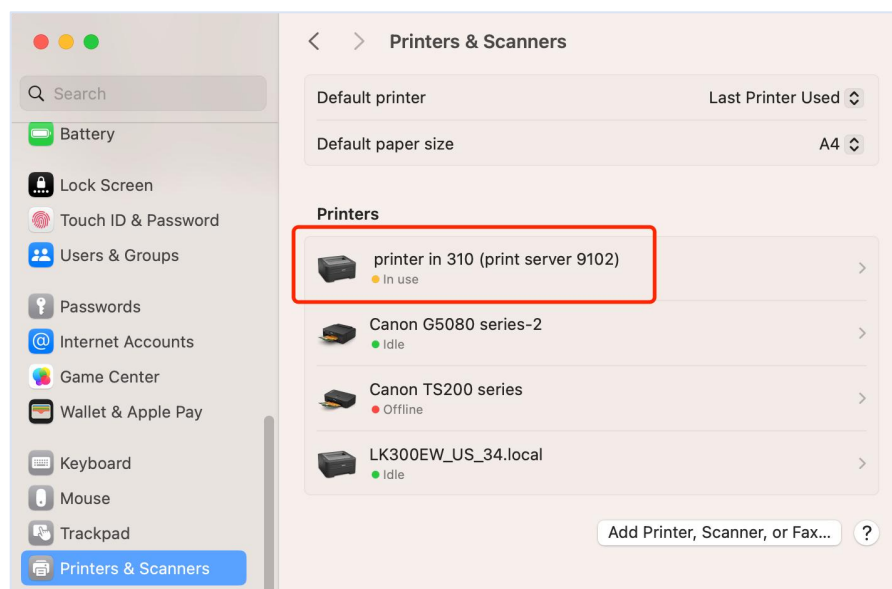
Take brother printer as an example:



Note: It is recommended to include terms like “Print Server” in the printer name to easily identify it and avoid selecting the wrong printer when sending print jobs.

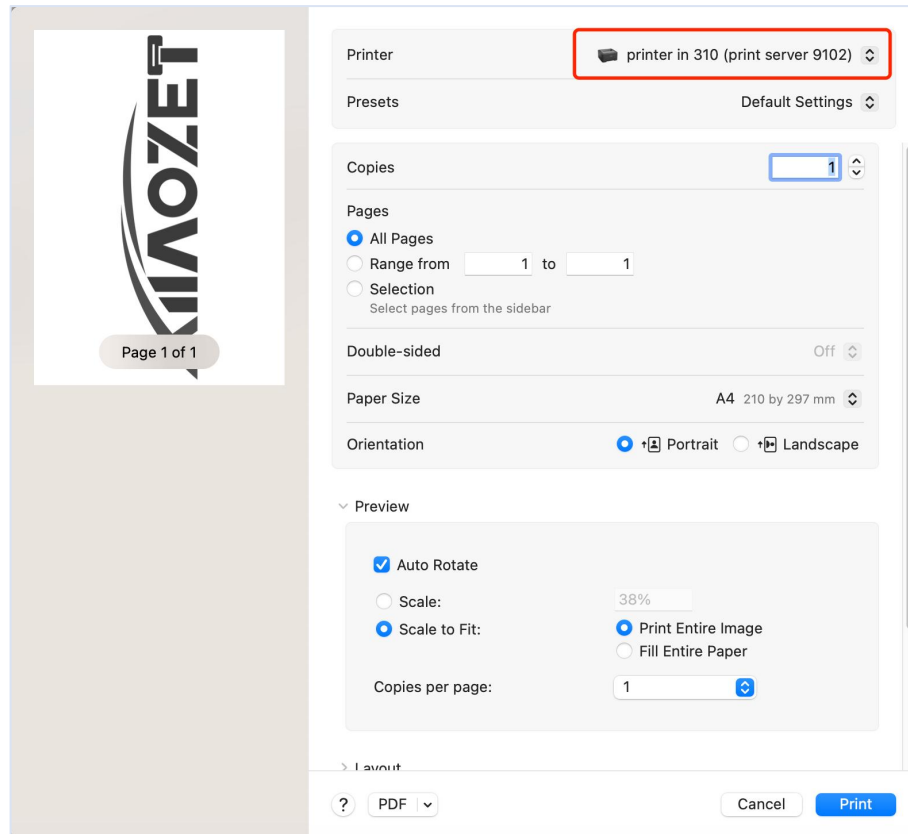
## 6. Complete Adding the Printer

1. After confirming that all settings are correct, click the “Add” button.
2. Once added successfully, the newly added printer will appear in the “Printers & Scanners” list.



## 7. Send a print job to the printer

Important !!! When sending a print job, make sure to select the newly added printer by its name.



Notes: Ensure that both the print server and the Mac are on the same network.

## Common Issues and Solutions

Q: After adding the printer with the LK300W print server, the print job is sent successfully but nothing prints.

A: This issue may be due to an incorrect port being entered when adding the printer. Please verify the port settings: USB1: 9100, USB2: 9101, USB3: 9102. Try removing and re-adding the printer, ensuring the address is entered correctly. After successfully adding the printer, try printing again.

Q:When sending a print job, an “unable to locate the printer” message appears.

A:

1. Network Connection: Make sure your computer is connected to the same local network as the print server.
2. Ping the Print Server: On your Mac, open the “Terminal” and ping the print server’s hostname (the hostname can be found on the back of the print server). This will help determine if your computer can communicate with the print server.
3. Check Printer Address: Ensure that when adding the printer, you correctly input the IP address in the “Address” field. If you are using a print server with three ports, ensure the correct port name is entered.
4. Check Printer Drivers: Ensure that you have the correct printer drivers installed on your computer. You can try downloading and installing the latest drivers from the printer manufacturer's official website. If your printer does not have drivers available for Mac, it will not be possible to successfully add your printer on a Mac system.

If the issue persists or you have any question, please contact us and describe your problem in detail to our technical support team.



# Steps to Use the Virtual USB Tool on Mac

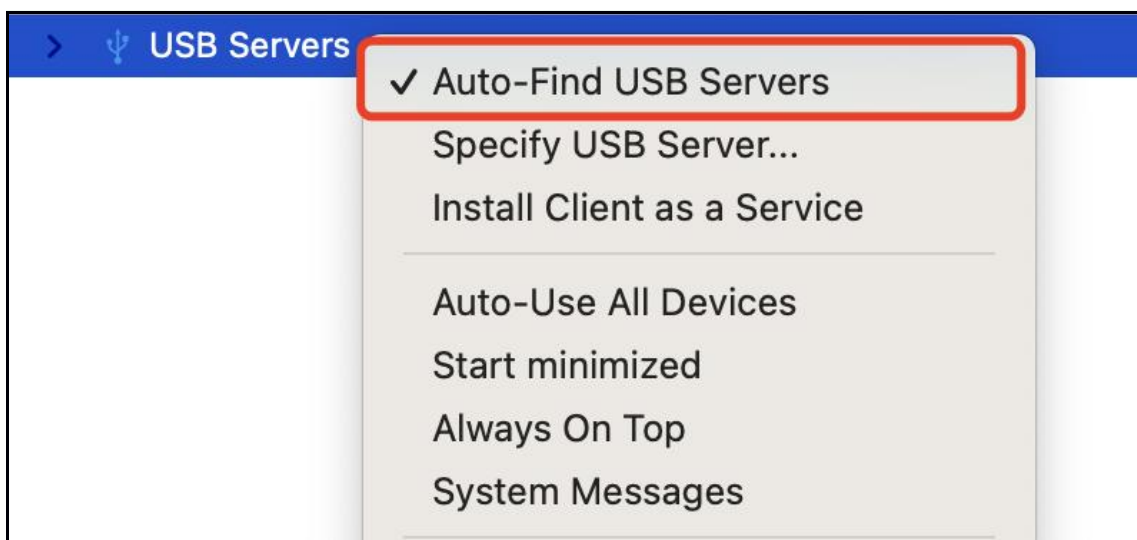
## 1. Download and Install the Virtual USB Connect Tool

Visit [www.xiaozet.net/download](http://www.xiaozet.net/download) to download the Virtual USB Connect Tool.

Install the software following the prompts

## 2. Run the Virtual USB Tool

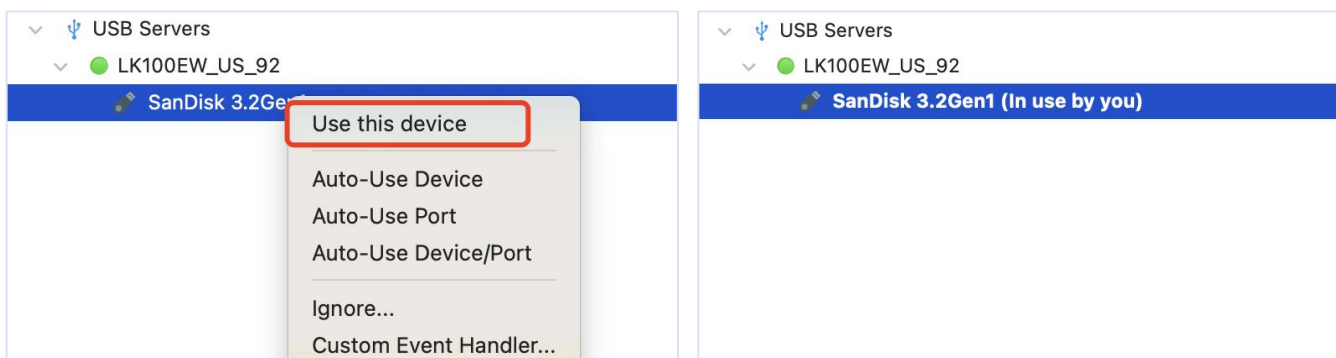
1. Launch the “Virtual USB Client” software after installation.
2. Right-click and select “Auto-Find USB Servers” to display the print servers in your local network.



## 3. Select and Connect/Disconnect USB Devices/ Printer

In the software interface, select the USB device you need to connect to.

Right-click to perform the connect/disconnect operation.



## 4. Install USB Device Driver (If Required)

The experience is similar to plugging a USB device directly into your computer. If your USB device, such as a printer, requires a driver to be installed before use, ensure the driver is installed on the computer before proceeding.

## Common Issues and Solutions

Q: Print Server Not Recognized by Virtual USB Tool

A:

- Check “Auto-Find USB Device” several times to detect the print server. .
- Right-click on “USB Server“, then select “Specify USB Server” from the menu. In the pop-up window, click “Add“. In the input box, replace “server” with the hostname or ip address of the print server. Click “OK” to complete the addition of the USB device.

Q: USB Device Not Recognized by Mac OS

A:

- Driver Installation: Make sure the necessary drivers for the USB device are installed on your macOS system. Download and install drivers from the device manufacturer’s website if needed.
- Reconnect Device: Disconnect and reconnect the USB device within the Virtual USB Client interface.
- Software Permissions: Check that the Virtual USB Client has the necessary permissions to access USB devices in your macOS system preferences.
- Compatibility Check: Verify that the USB device is compatible with macOS. Some devices may have limited or no support for macOS.