Usage Guide



Common Issues and Solutions

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.

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- 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

3. Simply select your 2.4G Wi-Fi and enter your Wi-Fi password. The printer server

will then automatically configure the Wi-Fi parameters.

	1	2	3
	Config	Check	Complete
		LA	
		(<u>;;;;;;;;;;</u>])	
WiFi Name			Search
WiFi Name			Search
WiFi Name WiFi Key	Please input WiFi key		Search
WiFi Name WiFi Key Encryption	Please input WiFi key WPA-PSK2		Search
WiFi Name WiFi Key Encryption	Please input WiFi key WPA-PSK2		Search

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

Config	2 Chark	Gomplete
Config	Check	Complete
	Waiting for	
	apply	
	Detecting print box connection	
	will auto go next step if all settings corre if connect fail, you'll need to re-config ag	ect gain

5. 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

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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.

	Χιλοζετ	≣	StatusWiFi Setup Wizar	rd / WiFi Setup Wizard		
ď	WiFi Setup Wizard 1		1			(4)
ß	Device Status		Step 1	Step 2	Step 3	Step 4
چو	Virtual USB Service $^{\!$		This wizard will guid	le you through setting up the	e WiFi connection.	
•&	RAW Print 👋		2			
÷¢-	IPP Print V		Close			
8	Network					

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.)

\$	XIIAOZET	Ξ	Status / WiFi Setup Wizard / WiFi Setup Wizard				
ď		1	Ø(2)(2)(2)	(3)			(4)
£	Device Status		Step 1 Step 2	Step	3		Step 4
4	RAW Print V		 Please select your WiFi signal in the below list Press "Search again" if the wanted signal not ap 	opears			
م رتية	IPP Print \checkmark		3. If the SSID is hidden, you can input the SSID on	the next page			
6	Network \vee		SSID	Qua lity	Ciph er	BSSID	
ව	Cloud		2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	70	psk2		
٥	System ~			70	none		
	Log			70	psk2		
			Close Search again Submit				•

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

"Submit" button.

	XIIAOZET	•	Ē	Status / WiFi	Setup Wizard / Wi	Fi Setup Wizard					
ď											
				\oslash		2	(3		-4	
	Device Status			Step 1		Step 2	Ş	Step 3		Step 4	
÷÷	RAW Print			1. Please inp	out your wireless p	bassword					
				2. Incorrect	password will cau	se the setup fail	ure, please mak	e sure enter	the correct pas	ssword	
÷	IPP Print			3. Keep othe	er parameter as de	efault in general	situations				
				4. If you're u	sing a mobile pho	one, please recor	nnect the WiFi t	o "USBServe	er_Setup" when	a red error pop	oup box
6	Network			appears							
ව	Cloud			* SSID							
				0012							
0	System			* Enormation	WPA DSK2						
_				Encryption	WFA-F3R2	Ť					
	LOg			\bigcirc	1						
				* Wi-Fi Key							
					(2						
				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.

ΧΙΙΛΟΖΕΤ	E Status / WiFi Setup Wizard / WiFi Setup Wizard			
🖉 WiFi Setup Wizard				
🕾 Device Status	Step 1 Step 2 Step 3 Step 4			
🗢 RAW Print 🗸 🗸	Configuring WiFi for the Print Server			
😌 IPP Print 🗸 🗸	The Print Server will try to connect to your router Please wait 30~60 seconds until this page inform you success or not			
S Network 🗸 🗸	Please notice if you are using a mobile phone to setup:			
ථ Cloud	1. The WiFi connection will be lost when the Print Server is configuring the WiFi			
System V	 Prease reconnect the WIFI to "USBServer_Setup" Then come back to this page and wait for the configure result 			
E Log				
XIIAOZET	E Status / WiFi Setup Wizard / WiFi Setup Wizard			
🧉 WiFi Setup Wizard				
전 Device Status	Step 1Step 2Step 3Step 4			
🗢 RAW Print 🗸 🗸	Congratulations! WiFi has been configured!			
🗢 IPP Print 🛛 🗸	1. Remove the Print Server Ethernet cable from your computer.			
🔇 Network 🗸 🗸	 Plug your printer USB cable into the Print Server port, the corresponding LED should be lighted up. Note down the information for later upp. 			
	Hostname: LK100W_D3			
Cloud	4. Download "Printer Driver Installation Tool" in PC to install your printer driver.			
🗘 System 🗸 🗸	5. The WiFi "USBServer_Setup_xx" will be turn off, if you want to keep this signal open, you can turn it on and setup			
国 Log	* Enable			
	SSID USBServer_Setup			
	Encryption WPA-PSK2 V			

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)

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- <u>1. Install the Printer Driver</u>
- 2. Open the web management page of the Print Server
- <u>3. Open "Printers & Scanners" Settings</u>
- <u>4. Configure the IP Printer</u>
- 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		۲
Model	LK300EW_US	
Model ID	e461a8430b391e2c	
Firmware Version	2.1.137 (Basic)	(<u>↑</u>)
Serial No		
Uptime	0 day 0 hour 44 min 52 sec	
USB Info		
USB Interface	Info	Status
USB1	Manufacturer: Canon (04a9)	6
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."
- 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".

Add Printer
Input the hostname following by ".local" and port number
Address:
Enter host name or IP address.
Protocol: HP Jetdirect - Socket
Queue:
Rename your printer
Name
Location:
Use: Choose a Driver
Choose "Select Sorfware"
? Add

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

	• • •	Add Printer
USB 3	Address: Protocol: Queue:	Ik300ew_us_34.local:9102 Valid and complete host name or address. HP Jetdirect - Socket Image: Complex Co
	Name: Location: Use:	Ik300ew_us_34.local Brother HL-2240D series CUPS
	?	bbA

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.

Prin	nter Software
	Search your printer model
	Q Filter
Brother DCP-1510 series CUP	s
Brother DCP-1600 series CUF	PS I I I I I I I I I I I I I I I I I I I
Brother DCP-1608 CUPS	
Brother DCP-1610NW series 0	CUPS
Brother DCP-1610W series CU	JPS
Brother DCP-1618W CUPS	
Brother DCP-1619 CUPS	
Brother DCP-7030 CUPS	
Brother DCP-7040 CUPS	
Brother DCP-7045N BR-Scrip	t3
Brother DCP-7045N CUPS	
Brother DCP-7055 CUPS	
	Cancel OK

Take brother printer as an example:

• • •	Add Printer			Printer Software	
Address: Protocol: Queue:	Ik100w_us_71.local Valid and complete host name or address. HP Jetdirect - Socket Leave blank for default queue.	.	Brother HL-2240 Brother HL-2240	Q 2240 D series CUPS DD series CUPS	8
Name: Location: Use:	printer in 310 Brother HL-2240D series CUPS				
?		Add		Cance	OK OK

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.
- Once added successfully, the newly added printer will appear in the "Printers & Scanners" list.

•••	Printers & Scanners	
Q Search	Default printer	Last Printer Used 🗘
Screen Saver Battery	Default paper size	A4 C
Lock Screen	Printers	
Touch ID & Password Users & Groups	Canon G5080 series-2	>
Passwords	Canon TS200 series	>
 Internet Accounts Game Center 	printer in 310 • Idle, Last Used	>
Keyboard		Add Printer, Scanner, or Fax ?
Mouse		
Trackpad		
Printers & Scanners		

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)

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- <u>1. Install the Printer Driver</u>
- 2. Open the web management page of the Print Server
- <u>3. Open "Printers & Scanners" Settings</u>
- <u>4. Configure the IP Printer</u>
- 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. ########### Subnet Mask: Gateway:	ø
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 Subnet Mask: 2555555 Gateway: 155, 199, 209 DNS: [8
	Mode: DHCP IPv4: 192.102.102.102	

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".

•••	Add Printer
Address:	nput ip address:port number
Protocol:	nter host name or IP address. HP Jetdirect - Socket
Queue.	eave blank for default queue.
	Rename your printer
Name:	
Location:	
Use:	Choose a Driver
?	Choose "Select Sorfware"

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

	Add Printer	
USB 3	Address: 192.168.4.61:9102 Valid and complete host name or address. Protocol: HP Jetdirect - Socket Queue: Leave blank for default queue.	
	Name: printer in 310 (print server 9102) Location:	©
	?	Add

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.

Prin	ter Software
	Search your printer model
	Q Filter
Brother DCP-1510 series CUPS	6
Brother DCP-1600 series CUP	s
Brother DCP-1608 CUPS	
Brother DCP-1610NW series C	UPS
Brother DCP-1610W series CU	PS
Brother DCP-1618W CUPS	
Brother DCP-1619 CUPS	
Brother DCP-7030 CUPS	
Brother DCP-7040 CUPS	
Brother DCP-7045N BR-Script	13
Brother DCP-7045N CUPS	
Brother DCP-7055 CUPS	
	Cancel OK

Take brother printer as an example:

8 0 9	Add Printer		Printer	Software	
				Q 2240	8
Address:	192.168.4.61:9102	Brother HL-2240 series	s CUPS		
	Valid and complete host name or address.	Brother HL-2240D seri	es CUPS		
Protocol:	HP Jetdirect - Socket				
Queue:					
	Leave Dank IOI Genault Gueve.				
Name:	printer in 310 (print server 9102)				
Location:					
Use:	Brother HL-2240D series CUPS				
?	Add			Cancel	ОК

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.
- 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:

- 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 <u>www.xiiaozet.net/download</u> to download the <u>Virtual USB Connect Tool.</u>

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.

✓ Auto-Find USB Servers	
Specify USB Server	
Install Client as a Service	
Auto-Use All Devices	
Start minimized	
Always On Top	
System Messages	

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.

Q: Other Issues

A: Contact our Technical Support