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1. Precautions

Thank you for choosing LOYALTY-SECU USB print server. Below is the user manual providing instructions on how to use it effectively.

Please ensure that the package contains the following items:

USB print server Power adapter USB cable Quick installation guide

1.1. Purpose

The USB print server serves as a network printing solution for USB printers. Its primary function is to enable computers and Android mobile phones within the same Ethernet network to connect to the print server via wired or wireless connections for printing purposes.

1.2. Definition

Definition	Description
USB Network Print Server	A print server that supports printing with a USB
	printer via RJ45 Ethernet connection
USB Network WiFi Print Server	A print server that supports printing with a USB
14	printer via an RJ45 Ethernet connection or WiFi.
USB Network Bluetooth Print Server	A print server that supports printing with a USB
	printer via an RJ45 Ethernet connection or
	Bluetooth.
1 USB Port Print Server	A device that supports connecting 1 USB printer.
3 USB Ports Print Server	A device that supports connecting 3 USB printers
	simultaneously.
Print Server Config Tool	A client software that enables network
	connection configuration for the print server,
	USB printer, computer, smartphone, and router.
Computer	The Print Server Config Tool is only compatible
	with Windows operating systems. Both MAC OS
	and Windows computers can support printing

	jobs with the print server.
Smartphone	Print job support with the print server is
	available only for Android smartphones.
USB Printer	The print server is compatible only with USB
	printers that use the RAW protocol.
Network	The print server supports printing through a
	local area network (LAN). This means that the
	print server allows printing from devices
	connected to the same LAN.

2. Product Description

2.1. Print Server Appearance







2.2 Main Interface of the Print Server Config Tool

2.2.1. Definition

Definition	Description
Info	Displays basic information about the print
	server, including device name, software
	version, etc.
Device Parameter	Allows modification of the print server's
1	name, MAC address, and printing
	transmission mode.
Network Config	Enables configuration of the print server's IP
	address using either a wired or wireless
7	method.
Firmware Upgrade	Allows for the installation of the latest
	software version for the print server.
Reboot	Performs a reboot of the print server, which
	may also involve the virtual USB port
	software for printer scanning functionality.

2.2.2. Interface Introduction

2.2.2.1. Info Interface

LOYALTY -SECU make print sharing easy and free	nfo Device Parameter Network Config Firmware Upgrade Reboot	
make print sharing easy and nee	nfo Device Parameter Network Config Firmware Upgrade Reboot	EN
Device Info		
Device Name	Printer Server	Defeat
Hardware Version	WN0x Reconnect	Refresh
Software Version	20210608.1	
Running Time	233 Device basic info	
Network Info		
MAC Info	08:00:27:00:01:92	
WiFi Info	192. 168.0. 123 a0:9f: 10:db:a2:61	
4G Reserve	2 Internet connection status	
USB Ports of Print Server	² Internet connection status	
USB 1	4f9/2d0/100 9100 MFG:Brother;CMD:PJL,XL2HB;MDL:DCP-1510 series;CLS:PRINTER;CID:Brother Laser Type1;	
USB2	9101 3 Recognized printer info	
USB3	9102	
6	Connection method Product ID	
192.168.0.123	Via Network Connection ProductID:WN01-20210712002 WIN64	
OTALI	4.SY	

2.2.2.2. Device Parameter Interface

Device Name	Printer Server Save		
Printing Transmission Mode	Starts to print while receiving file V Save		
MAC Addr	08:00:27:00:01:92 Save		
	Unique MAC address is required, when there have multiple network pr	int servers in the Ethern	et
USB Port Config			
USB1 Pinding TCD //D Park			
USB1 Binding TCP/IP Port	9100		
USB1 Binding TCP/IP Port USB2 Binding TCP/IP Port	9100		
USB2 Binding TCP/IP Port	9101		
USB2 Binding TCP/IP Port	9101		

Device Name: It is recommended to modify the device name when multiple print servers are present in the network. This allows mobile phones to quickly connect to the designated print server for printing.

Printing Transmission Mode: The default mode is "**Starts to print while receiving file**" However, for printers with higher data transmission requirements, it is advisable to select the "**Starts to print after receiving file**" mode.

MAC Addr: Each network print server in the Ethernet network (via RJ45 cable connection) requires a unique MAC address.

USB Port Config: For a single-port USB print server, please use the "**USB1**" port only. The default port number is **9100**. If users wish to change this port number, ensure that the new port number matches the one specified in the printer properties' TCP/IP port. The valid port number range is from **9100 to 65535**.

2.2.2.3. Network Config Interface

DYALTY -SECU Info nake print sharing easy and free	Device Parameter Network Config Firmware Upgrade Reboot	
Wired/WiFi Network Config		
Wired Network Config		
Obtain an IP Address	Fixed IP Address	
	TINEU IP AUU E33	
IP Addr		
Subnet Mask		
Gateway	192.168.0.1	
DNS Addr	192.168.0.1 Save	× \
WiFi Network Config		
Choose Available WiFi Internet	Click "Scan button to search WiFi internet V Scan	,
WiFi Password		
Obtain an IP Address	Fixed IP Address V	
IP Addr	192.168.0.123	
Subnet Mask	255.255.255.0	
Gateway	192.168.0.1	
	192.168.0.1 Save	

Wired Network Config: The print server establishes an internet connection using an RJ45 cable. **WiFi Network Config:** The print server establishes an internet connection through a WiFi hotspot. **Note:** It is not recommended to use automatic IP address acquisition for the print server. After connecting with the configuration tool, it is advised to change the IP address to a fixed IP address or configure static allocation in the router.

2.2.2.4. Firmware Upgrade Interface

rint Server Config Tool LOVALTY -SECU make print sharkog easy and free In	fo Device Parameter Network Config Primatere Upgrade Reboot	
Device Firmware Upgrade		
	Upgrade	
192,168.0.123	Via Network Connection ProductID:WN01-20210712002 WIN64	

Please select the latest firmware version to upgrade the print server. Once you have chosen the appropriate firmware, click the "Upgrade" button to initiate the upgrade process. After the firmware update is completed, it is necessary to reboot the print server for the changes to take

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effect.

2.2.2.5. Reboot Interface

LOYALTY - SECU Info	Device Parameter	Network Config	Firmware Upgrade	Reboot	EN	
Reboot Device	Reboot					

3. Basic Configuration and Operation

Note: The configuration of the print server using the Print Server Config Tool is supported only on Windows operating system computers. Mac operating system computers do not support the configuration process.

However, after successfully configuring the print server using a Windows operating system computer, you can use both Windows and Mac operating system computers to directly access printing via our print server.

3.1. Print Server Configuration Tool Preparation (for Windows

OS Config only)

3.1.1. Print Server Configuration Tool Download

To download the Configuration Tool for the print server, please visit LOYALTY-SECU's official website at https://loyalty-secutech.com/print-server-data-download/. Alternatively, you can contact our customer service at info@loyalty-secu.com to obtain the Configuration Tool for the print server.

3.1.2. Print Server Configuration Tool Installation

The package of print server config tool is shown as below:

LOYALTY -SECU

Name ^	Date modified	Туре	Size
📜 language	7/18/2021 2:24 PM	File folder	
a) config	7/15/2021 8:25 AM	Configuration settings	1 KI
Print Server Config Tool	7/18/2021 2:06 PM	Application	18,930 KI

To configure the parameters, simply double-click on the "Print Server Config Tool." No software installation process is required. The interface will be displayed as shown below:

Print Server Config Tool	- 0 X	
LOVALTY -SECU mails print sharing easy and free	Info Device Parameter Network Config Firmware Lipgrade Reboot EN	
Device Info		
Device Name	Reconnect Refresh	
Hardware Version		
Software Version Running Time		
Network Info		
MAC Info	Connect Method	
WiFi Info	Pis select a connection method	
4G Reserve	Wa USB Cable O Via Network	
US8 Ports of Print Server	() va network	
USB 1	Apply	
U582		
U583		
		Y
	WIN64	

Note: After launching the configuration tool, your Windows PC may prompt you to allow network access. If you intend to use network configuration, it is crucial to grant access to the network. This will enable the configuration tool to retrieve the list of print servers available on the network.

3.2. Print Server Connection with Print Server Config Tool (for

Windows OS Config only)

3.2.1. Connection Via USB Cable

3.2.1.1. Preparation Work before Connection Configuration

- ✓ A computer running the Windows operating system.
- ✓ A USB cable with a Type C interface (included in the packaging box).
- ✓ The Print Server Config Tool specifically designed for Windows

3.2.1.2. Connection Configuration Steps

3.2.1.2.1. Connect the print server to the computer via the USB cable



As shown as right:

Once the print server is connected to the computer, it will automatically power on and start. You will notice that the Print Server Config Tool displays the "USB" sign in the lower-left corner, indicating that the tool has successfully identified the print server. Please be aware that the entire startup process may take approximately 20 seconds to complete.

nt Server Config Tool				- 0
LOYALTY -SECU make print sharing easy and free	Info Device Parame	eter Network Config Firmware Upgrade	Reboot	EN
Device Info				
Device Name	Printer Server		Reconnect	Refresh
Hardware Version	WN0x			
Software Version	20210608.1			
Running Time	20			
Network Info				
MAC Info	08:00:27:00	0:01:92		
WIFi Info	1			
4G Reserve	1			
USB Ports of Print Server				
USB1	9100			
USB2	9101			
USB3	9102			
	Via USB Cable	ProductID:WN01-20210712002	WIN64	

3.2.1.2.2. Confirm the Ethernet IP Address of the Print Server

2 ways for the print server to obtain the IP Address:

Way 1: Use DHCP to obtain an IP address from the network

The print server can obtain a dynamic IP address by connecting it to a router that supports DHCP. When connected, the router will assign an IP address to the print server automatically. Please ensure that your router has DHCP functionality enabled.

Way 2: Obtain a fixed IP Address

Click "Start Menu---Run" or use the "WIN+R" key combination to call the run window, enter "cmd" in the Run window, click OK as shown as below:

🖅 Run	×
٨	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	cmd ~
	OK Cancel Browse

After entering "ipconfig" and pressing the "Enter" button, the IP Address, Subnet Mask, and Gateway information will be displayed as shown below:

, troi

- 1) Network Segment: 192.168.0.xxx
- 2) Subnet Mask: 255.255.255.0
- 3) Default Gateway: 192.168.0.1

Command Prompt	-	\times
Media State : Media disconnected Connection-specific DNS Suffix . :		^
Wireless LAN adapter WLAN:		
Connection-specific DNS Suffix . : DHCP HOST Link-local IPv6 Address : fe80::4fd:6f7c:d033:4078%7		
IPv4 Address		
Default Gateway : 192.168.0.1		

3.2.1.2.3. Set the Ethernet IP Address of the Print Server

2 ways to set network configuration: wired network config or WiFi network config.

Way 1: Wired Network Config (for network print server)

Input the following parameters in the Wired Network Config, then click the "Save" button as shown below:

Eg: 1) IP Address: 192.168.0.123 (Fixed)

- 2) Subnet Mask: 255.255.255.0 (For demo use only)
- 3) Gateway & DNS: 192.168.0.1

LOYALTY -SECU

LOYALTY -SECU make print sharing easy and free	Info	Device Parameter	Network Config	Firmware Upgrade	Reboot
Wired/WiFi Network Config					
Wired Network Config	g				
Wired Network Confi Obtain an IP A		Fixed IP Address		~	
		Fixed IP Address 192.168.0.123		~	
Obtain an IP A				~	

After configuring the corresponding parameters, remove the USB cable from the computer and connect the relevant devices as shown below:



(1 USB Port Network Print Server)



Way 2: WiFi Network Configuration (for WiFi print server)

Click on the "Network Config" interface and configure the parameters through "WiFi Network Configuration," as shown below:

LOYALTY -SECU

🚰 Print Se	rver Config Tool				- 0	\times	
	YALTY -SECU Info print sharing easy and free	Device Parameter Network Config	Firmware Upgrade	Reboot	EN		
	ired/WiFi Network Config						
	Wired Network Config					_	
	Obtain an IP Address	Obtain an IP Addr via DHCP	~				
	IP Addr						
	Subnet Mask						
	Gateway						
	DNS Addr			Save			
	WiFi Network Config						
	Choose Available WiFi Internet	Click "Scan"button to search WiFi in	ternet 🗸	Scan			
	WiFi Password					_	
	Obtain an IP Address	Fixed IP Address	\sim				
	IP Addr						
	Subnet Mask						
	Gateway DNS Addr			Save			Y
							0.7
USB	Via USB	3 Cable ProductID:WN	01-20210712002 V	VIN64			i V

Click "Scan" to search nearby WiFi hotspots. The results will be displayed in the drop-down list within 5 seconds. Select the correct WiFi hotspot you need to connect to, enter the parameters, and then click "Save," as shown below:

Example:

- 1) IP Address: 192.168.0.123 (Fixed)
- 2) Subnet Mask: 255.255.255.0 (For demonstration purposes only)
- 3) Gateway & DNS: 192.168.0.1

Choose Available WiFi Internet	simplyisbest	\sim	Scan	 1.Click "Scan" to search the WiFi internet nearby,and
WiFi Password	Rj4781956			choose the right one
			2.Input WiFi passv	word
Obtain an IP Address	Fixed IP Address	\sim		
IP Addr	192.168.0.123			
Subnet Mask	255.255.255.0		→ 3.Assign an fixe	d IP address, fill in all the info
Gateway	192.168.0.1			
DNS Addr	192,168,0,1		Save	4. Click "Save" button

The parameter configuration procedure for the Ethernet IP Address is the same as in section 3.2.1.2.2, so it will not be repeated here.

After finishing the WiFi network configuration, remove the USB cable from the computer and connect the relevant devices as shown below:



(3 USB Ports WiFi Print Server)

3.2.2. Connection via Network

3.2.2.1. Preparation Work before Connection Configuration

- ✓ A computer running the Windows operating system.
- ✓ Power on the print server, and connect it to the router via network cable
- ✓ Print Server Config Tool (Windows version)

3.2.2.2. Connection Configuration Steps

3.2.2.2.1. Connect the Print Server to the Computer via Network

Open the config tool, choose the "Via Network" method, and select the IP address of the print server from the Ethernet, as shown as below:

Note: The print server has an operating system inside, and it takes about 20 seconds to start up after powering on.

nt Server Config Tool							—
LOYALTY -SECU make print sharing easy and free	Info	Device Parameter	Network Config	Firmware Upgrade	Reboot		EN
Device Info							
Device Name						Reconnect	Refresh
Hardware Version							
Software Version							
Running Time							
Network Info	ſ	o			_		
MAC Info		Connect Method					
WiFi Info		Pls select a conne	ction method		_		
4G Reserve		Via USB Ca	able				
USB Ports of Print Server		Via Netwo	rk				
USB1			Apply				
USB2	l						
USB3							

LOYALTY -SECU make print sharing easy and free	nfo Device Parameter Netwo	rk Config Firmware Upgrade	Reboot		EN
Device Info					
Device Name			Recor	nnect Refre	sh
Hardware Version					
Software Version					
Running Time					
Network Info	Find a print server on the net	work	×		
MAC Info					
WiFi Info	n in the second se				
4G Reserve	<u> </u>				
USB Ports of Print Server	Please select a print server	192.168.0.123	~		
USB1		Apply			
	192.168.56.1, 192.168.1.7				
USB2					
USB3					
0583					

3.2.2.2. Set the Ethernet IP Address of the Print Server

The parameter configuration procedure is the same as described in section 3.2.1.2.2. Therefore, We won't repeat it here. Once you have finished the configuration, please click on the "Save" button as shown below:

🗗 Print S	erver Config Tool						—		\times
	DYALTY -SECU ke print sharing easy and free	Info	Device Parameter	Network Config	Firmware Upgrade	Reboot		EN	
N N	Wired/WiFi Network Config	9							
	Wired Network Conf	îg							
	Obtain an IP A	Address	Fixed IP Address	s	~				
	IP Addr		192.168.0.125						
	Subnet Mask		255.255.255.0						
	Gateway		192.168.0.1						
	DNS Addr		192.168.0.1			Save			

3.3. How to Configure Computer for Printing?

3.3.1. Taking Windows 10 operating system as an example

Note: After completing the configuration between the print server and the print server config tool, you need to add a printer to the computer for printing. Follow these steps:

1. Click the "Start" menu and select "Settings".	
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2. Choose "Devices" and then select "Printers & scanners".

3. Click on "Add a printer or scanner". If you don't find your printer in the list, click on "The printer that I want isn't listed" and choose option ③ as shown below:

\leftarrow Settings		- a
命 Home	Printers & scanners	
Find a setting \wp	Add printers & scanners	← 🛹 Add Printer
Devices	U Refresh	Find a printer by other options
Bluetooth & other devices	Searching for printers and scanners	
🔒 Printers & scanners		○ My printer is a little older. Help me find it.
	The printer that I want isn't listed	Select a shared printer by name
🕐 Mouse 👻 🖬	Printers & scanners	Browse Example: \\computername\printername or http://computername/printers/printer
🚥 Typing	Adobe PDF	Add a printer using a TCP/IP address or hostname Add a Bluetooth, wireless or network discoverable printer
Pen & Windows Ink	Brother DCP-1510 series Default, Driver is unavailable	Add a local printer or network printer with manual settings
AutoPlay AutoPlay	Brother DCP-1510 series Default	Next Cancel
🖞 USB	Fax	TREAL COLLEG
	FX2E1727 Not connected	
	Microsoft Print to PDF	
	Microsoft XPS Document Writer	

Click "Create a new port" and select "Standard TCP/IP Port" as the type of port. Then click the "Next" button as shown below:

			×	F	🛷 Add Printer		×
🗧 🥳 Add Printer					Type a printer hostnar	ne or IP address	
Choose a p A printer port i printer. Use an exist Create a new Type of p	s a type of conn ing port: w port:	LPT1: (Printer Port) Standard TCP/IP Port	inge information with a		Device type: Hostname or IP address: Port name: Query the printer and auto disable this op	TCP/IP Device 192.168.0.105 192.168.0.105_2 armatically select the driver to use tion	
			Next Cancel			Next Cance	91

Click the "Next" button to continue, which will display the setting interface as shown below. Choose "Custom" and click "Next" to proceed to the next step:

🔶 🥪 Add Printer

Additional port information required

	is turned on.	
	rk is connected.	
	is properly configured.	
 The addres 	ss on the previous page is correct.	
correct the add	e address is not correct, click Back to return to the previous pa dress and perform another search on the network. If you are s ct the device type below.	
correct the add	dress and perform another search on the network. If you are s	
s correct the add	dress and perform another search on the network. If you are s t the device type below.	

If you cannot find the printer driver for your specific brand and model in the list (1), you can obtain it from options (2) and (3), as shown below:

×

÷	🥪 Add Printer	×
	Install the printer driv	er S
	5	r from the list. Click Windows Update to see more models. from an installation CD, click Have Disk.
	Manufacturer Adobe Brother Generic Microsoft	Printers Adobe PDF Converter
	This driver is digitally si <u>Tell me why driver sign</u>	

After clicking "Windows Update," a list of printer driver brands will be displayed, as shown below:

If you cannot find the printer driver for your specific brand and model, please click on "Have Disk" and copy the printer driver provided by your USB printer manufacturer from your disk. Follow the instructions to install the driver into the computer.

Please refer to the image below for reference:

			~
		← 🥪 Add Printer	
di Add Pinter Install the printer driver Choose your printer from the list. Click Windows Update to see	×	Install the printer driver Choose your printer from the list. Click Windows Update to see more models. To install the driver from an installation CD, click Have Disk.	
To install the driver from an installation CD, click Have Disk.	tall From Disk X beat the manufacturer's installation disk, and then make sure that the correct drive is selected below. Cancel Copy manufacturer's files from: C	Manufacturer Printers Adobe @Brother Color Leg Type1 Class Driver Brother @Brother Color Type3 Class Driver Generic @Brother CP-1510 series Oriver Microsoft @Brother Generic Jpeg Type1 Class Driver @Brother Generic Jpeg Type2 Class Driver @Brother Generic Jpeg Type2 Class Driver	~
Tell. ms. why. driver signing is imported	Have Disk	This driver is digitally signed. Windows Update Have Disk_ Tell me why driver signing is important	el

Note: If you are unable to obtain the printer driver from "Windows Update" or "Have Disk", you can try connecting your USB printer directly to the computer. This will allow the computer to install the printer driver automatically. Alternatively, you can contact your USB printer supplier to obtain the appropriate printer driver.

After completing the installation, click "Next". Then, click on the "Start" menu, choose "Settings", select "Devices", and click on "Printers & Scanners". Finally, choose the target printer as shown below:

						← Settings		50	×
Settings				_	o ×	û Home	Printers & scanners		
		Windows Settings				Find a setting	Add printers & scanners		1
						Devices	+ Add a printer or scanner		
		Find a setting	P			Bluetooth & other devices			
						Printers & scanners	Printers & scanners		
旦	System Display, sound, notifications, power	Devices Bluetooth, printers, mouse		hone ink your Android, iPhone		O Mouse	Adobe PDF		
	power					Touchpad	Brother DCP-1510 series Default, Driver is unavailable		
\oplus	Network & Internet WLAN, airplane mode, VPN	Personalization Background, lock screen, colors	• ur	ipps Ininstall, defaults, optional natures		📼 Typing	Brother DCP-1510 series Default, Not connected		
						🖉 Pen & Windows Ink	₽ Fax		
R	Accounts Your accounts, email, sync,	Speech, region, date		iaming iame bar, captures,		AutoPlay			
	work, family	shreet i shreet anne		roadcasting, Game Mode		🖞 USB	FX2E1727 Not connected		
(tr	Ease of Access	Cortana		earch			Microsoft Print to PDF		
Ŭ	Narrator, magnifier, high contrast	Cortana language	Fi	ind my files, permissions			Microsoft XPS Document Writer		

Right-click on the "Brother DCP-1510 series" printer and select "Printer Properties" as shown below:



Select "Ports" and click on "Add Port". Choose "Standard TCP/IP Port" and click on "New Port" and "Next" as shown below:

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Brother DCP-1510 series Properties	Add Over dead TCD (ID D	
Color Management Security Device Settings General Sharing Ports Advanced State Brother DCP-1510 series Ports Advanced Print to the following port(s). Documents will print to the first free checked port. Port Description Printer Port LPT1: Printer Port Port Ports Ports Ports	Add Standard TCP/IP Prive Brother DCP-1510 series Properties	hter Port Wizard Welcome to the Add Standard TCP/IP Printer Port Wizard This wizard helps you add a port for a network printer. Before continuing be sure that: 1. The device is turned on. 2. The network is connected and configured.
LPT3: Printer Port COM2: Serial Port COM3: Serial Port COM3: Serial Port COM4: Serial Port Serial Port Com4: Serial Port Se	New Port New Port CCOM2: Serial Port CCOM3: Serial Port CCOM4: Serial Port Add Port. Delete Port Enable bidirectional support Enable printer pooling	To continue; citCKM net
OK Cancel Apply	OK Cancel Apply	

Enter the IP address of the Print Server, select "Custom", and click on "Settings" as shown below:

or which device do you want to add a	port?		
Enter the Printer Name or IP a	ddress, and a port name for the d	esired device.	-
Printer Name or IP Address:	192.168.0 105		10 ¹
Port Name:	192.168.0.105_1		
	< Back	Next > Canc	cel
	Configure Standard TCP/IP Port Monitor		×
ndard TCP/IP Printer Port Wizard	Configure Standard TCP/IP Port Monitor Port Settings	8	×
ndard TCP/IP Printer Port Wizard	Port Settings	3 8.0.105_1	×
Generic Network Card and and TCP/IP Printer Port Wizard onal port Information required device could not be identified.	Port Settings Port Name: 192.16 Printer Name or IP Address: 192.16	3 8.0.105_1 8.0.105	×
Indard TCP/IP Printer Port Wizard anal port Information required sevice could not be identified. device is not found on the network. Be sure the device is turned on.	Port Settings Port Name: 192.16 Printer Name or IP Address: 192.16		×
Indard TCP/IP Printer Port Witzard mail port Information required tevice could not be identified. device is not found on the network. Be sure "the device is turned on. The network is connected. The device is connected.	Port Settings Port Name: Printer Name or IP Address: 192.16 Protocol Raw	8.0.105	×
Indard TCP/IP Printer Port Wizard anal port Information required device could not be identified. device is not found on the network. Be sure 'he device is turned on. 'he network is connected. he device is connected. he address on the previous page is correct.	Port Settings Port Name: Printer Name or IP Address: 192.16 Protocol Raw Settings Port Number: 9100 9100 9100 9100 9100 9100 9100 910	8.0.105	×
Indard TCP/IP Printer Port Wizard anal port Information required device could not be identified. device is not found on the network. Be sure the device is turned on. The network is connected. The advice is properly configured. The advices on the previous page is correct. ut think the address is not correct, click Back the address and perform another search 1	Port Settings Port Name: 192.16 Printer Name or IP Address: 192.16 Protocol Raw Raw Port Number: 3 9100	8.0.105	×
Indard TCP/IP Printer Port Wizard anal port Information required service could not be identified. device is not found on the network. Be sure The device is turned on. The network is connected. The device is properly configured. The address on the previous page is correct. u think the address is not correct, click Back ct the address and perform another search on tert, select the device type below.	Port Settings Port Name: Printer Name or IP Address: 192.16 Protocol Raw Aw Settings Port Number: 9100 9100	8.0.105	×
ndard TCP/IP Printer Port Wizard	Port Settings Port Name: Printer Name or IP Address: 192.16 Protocol Raw Settings Port Number: 9100 LPR Settings	8.0.105	×
Indard TCP/IP Printer Port Wizard anal port Information required service could not be identified. device is not found on the network. Be sure The device is turned on. The device is properly configured. The address on the previous page is correct. u think the address is not correct, click Back tet the address and perform another search rect, select the device type below.	Port Settings Port Name: Printer Name or IP Address: 192.16 Protocol Raw Settings Port Number: Port Number: Port Number: Protocol UPR Settings Queue Name: UPR Settings Gueue Name: UPR Byte Counting Enabled	8.0.105	×
Indard TCP/IP Printer Port Wizard nal port Information required device is not found on the network. Be sure the device is turned on. The network is connected. The device is properly configured. The address on the previous page is correct. u think the address is not correct. click Back ext the address and perform another search i rect. select the device type below. ice Type Standard Generic Network Card	Port Settings Port Name: Printer Name or IP Address: 192.16 Protocol Raw Settings Port Number: Port Number: Port Number: PR Settings Queue Name: UPR Settings Queue Name: UPR Settings Cueue Name: U	8.0.105	×
Indard TCP/IP Printer Port Wizard nal port Information required device is not found on the network. Be sure the device is turned on. The network is connected. The device is properly configured. The address on the previous page is correct. u think the address is not correct. click Back ext the address and perform another search i rect. select the device type below. ice Type Standard Generic Network Card	Port Settings Port Name: Printer Name or IP Address: 192.16 Protocol Raw Settings Port Number: Port Settings Cueve Name: IPR Byte Counting Enabled Community Name: public	8.0.105	×
Indard TCP/IP Printer Port Wizard nal port Information required device is not found on the network. Be sure the device is turned on. The network is connected. The device is properly configured. The address on the previous page is correct. u think the address is not correct. click Back ext the address and perform another search i rect. select the device type below. ice Type Standard Generic Network Card	Port Settings Port Name: Printer Name or IP Address: 192.16 Protocol Raw Settings Port Number: Port Number: Port Number: PR Settings Queue Name: UPR Settings Queue Name: UPR Settings Cueue Name: U	8.0.105	×

Please ensure that the IP address⁽³⁾ and Port Number⁽⁵⁾ match the settings of the print server, and the Protocol ⁽⁴⁾ is set to Raw. You can verify this information in the "Info" interface of the print server using the print server config tool to double-check.

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Note: If you are using a 3 USB Ports Print Server, please be aware that the Port Number⁵ may vary for each USB port.

Once you have	completed	the above	"Port	Settings",	please	click	"OK"	to	proceed.	Then,	click
"Next" as show	n below:										

Add Standard TCP/IP Printer Port Wizard

Additional port information required The device could not be identified. The device is not found on the network. Be sure that:

1.	The	device	is	turned	on.
	THE	acvice	15	turricu	U 11.

- 2. The network is connected.
- 3. The device is properly configured.
- 4. The address on the previous page is correct.

If you think the address is not correct, click Back to return to the previous page. Then correct the address and perform another search on the network. If you are sure the address is correct, select the device type below.

Device Type					
© Standard	Generic Network Ca	ard			~
Custom	Settings				
			< Back	Next >	Cancel

After successfully adding the TCP/IP port, the printer's IP address and port number will be displayed as shown below:

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Add Standard TCP/IP Printer Port Wizard

Completing the Add Standa TCP/IP Printer Port Wizard You have selected a port with the following characteristics.	
SNMP:NoProtocol:RAW, Port 9100Device:192.168.0.105Port Name:192.168.0.105_1Adapter Type:	
To complete this wizard, click Finish. < Back Finish	Cancel

Now that all the settings are completed, you can proceed to print a test page to confirm if the configuration is successful. Please refer to the image below for the steps:



3.3.2. Taking Mac operating system as an example

- Ensure that the MAC computer is able to print directly when connected to the USB printer.
 This will ensure that the printer and MAC system are compatible and functioning properly.
- ✓ It is important to know that the MAC system can only recognize USB printers with the 9100 port. Printers with ports 9101, 9102, or 9103 may not be recognized by the MAC system.
- ✓ The MAC system supports most brand printers such as HP, Brother, and Samsung. However, for Canon and Epson printers, the support is limited to a few specific models.
- ✓ Keep in mind that the MAC system supports printing via the HP Jetdirect-Socket Protocol, but

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it does not support the IPP (Internet Printing Protocol) or LPD (Line Printer Daemon) protocols.

To add a printer on a Mac system, follow these steps:

1. Click on "System Preferences" in the Apple menu.

2. Select "Printers & Scanners" from the preferences panel as shown below:

🔹 Chrome File	Edit Viev		6.3.	IIII Syste	om Preferen	ces		Q. Search	-
About This Mac			Rimly Ro	na					
System Preferences		В	Apple ID, IClo		pp Store				Apple ID
App Store				_	-	-	0	-	
Recent Items	>	General	Desktop & Screen Saver	Dock & Menu Bar	Mission Control	Siri	Spotlight	Language & Region	Notifications
Force Quit Chrome	C # 0 7		Wallet &	Touch ID	Users &	0	I Screen Time	-	الله الله الله الله الله الله الله الله
Sleep		Accounts	Apple Pay	1000110	Groups	. recession	ocreek time	. Latoritation	& Privacy
Restart		0	(1)	*	40	1	1000		
Shut Down		Software Update	Network	Bluetsoth	Sound	Printers & Scanners	Keyboard	Trackpad	Mouse
Lock Screen	~ 將Q	-	=	-	3	•	3		
Log Out Rimly Rong	0°#Q	Displays	Sidecar	Battery	Date & Time	Sharing	Time Machine	Startup Disk	

Click the "+" button to add the printer. Select the "IP" option and enter the printer information as shown below:

No printers are available. Click Add (+) to set up a printer.	No printers are available. Click Add (-) to set up a printer. Date: Name: 5 7				•••					
London 0 2	Looden 0 9				Protocol	HP Jetdirect - Socket	8			
Location Location	Use 1									
		+ -						-	1	

Note:

Address: Enter the IP Address or Host Name of the print server.

Protocol: Select HP Jetdirect-Socket (this protocol is commonly used by HP and other printer manufacturers).

Use: Choose Software.

For the remaining items, leave the default options unchanged, as shown below:



Select the appropriate printer software from the list. You can use the "Filter" function for a quick search. If you are unable to find your printer software in the existing list, please visit the printer's website to download the MAC driver. Once you have located the correct printer software, click "OK".



After completing the installation of the printer software, you can now proceed to explore the printing functionality.

Printers		192.168.0.116		
Idle, Last Used	(Section of the sect	Open Print Queue		
	-	Options & Supplies	S	
	Location: Kind: Status:	Brother DCP-1510 series Idle	CUPS	
+ -	Share this print	er on the network	Sharing Preferences	
	Default printer:	Last Printer Used	0	
	Default paper size:	LIS Letter	Ø	?

3.4. How to Configure a Bluetooth Device for Printing

Note: Bluetooth printing is only supported on Windows and Android operating systems.

3.4.1. Bluetooth Printing via Windows OS

How to connect a print server to a computer using Bluetooth: Step 1:

1) Connect a Bluetooth print server to your USB printer via the USB cable.

2) Power on the Bluetooth print server and your USB printer.

Then,

1) Open "Printers & scanners" settings.

2) Click on "Bluetooth & devices".

3) Turn on the Bluetooth toggle switch.

4) Click the "Add Bluetooth or other device" button to connect the print server.

5) Connect to the Bluetooth Print Server named after the connected USB printer (Eg: DCP-1510 series).

As shown below:

P printers & scanners				
All Apps Documents Web More ~	s &			
Best match		A Kimly Rong schinglonguietd5	Bluetooth & devices	
	Ē	Find a setting P		
Printers & scanners System settings	Υ ^Δ Υ	System	+	
Settings	Printers & scanners	System Sustacth & devices	Add device	
Add a printer or scanner	System settings	 Network & internet 		
G Let Windows manage my default → printer	Ø Open	/ Personalization	View more devices	
	Get quick help from web	Apps	Burtoth Discontaire in "DECIDE ANOTH"	0: 💽
查找并修复打印问题 >	Scanning documents	Time & language	Discountries in "ESCICIP ANISHE"	0. 0
Search the web	Changing printer status	Gaming	Devices Meson imploant, per, auto, displays and docks, other devices	Add Gerice 🔉
,O printer - See web results >	Downloading print drivers	 Accessibility Privacy & security 		
Apps (2)		 Windows Update 	Printer & sconnes Preferrors, traditional	
Documents (5+)			Your Phone Instanty access your Andreid desics's phones, texts, and more	Open Your Phone
Videos (1+)			Carrenas Connected carrena, delauit image settings	,
			D Mouse Buttons, mouse pointer speed, souting	多数 10年、Cirin Else 、)
O Rimly Rong	Bluetooth & devices			
Szionglongsales05				
Find a rotting				
Find a setting D		-		
System	+	Add a device		×
Bluetooth & devices 1	Add device 2	Add a dev	lice	
			device you want to add.	
Network & internet		Choose the kind of c	device you want to add.	
Personalization		Bluetooth	, pens, audio devices, controllers, and more	
Apps 6		· wice, keyboards	, pens, audio devices, controllers, and more	and the second se
Accounts	Bluetooth Discoverable as "DESKTOP-RJNSPFB"	Wireless displa	iy or dock	On 🔵
3 Time & language	Discoverable as "DESKTOP-RJNSPPB"	Wireless monito	rs, TVs, or PCs that use Miracast, or wireless docks	
Gaming		Everything else		
	Devices Mouse, keyboard, pen, audio, displays and docks, o		with Xbox Wireless Adapter, DLNA, and other devices	ce >
X Accessibility		-		
Privacy & security	Printers & scanners Preferences, troubleshoot			>
Windows Update				
	Your Phone Instantly access your Android device's photos, text	is and		hone >
	instanti jaces jour solatou certe s pintos, tex			
	Cameras			>
	Connected cameras, default image settings			
	Mouse		Cancel	>
	buttons, mouse pomer speed, sconing			
Q Rimly Rong	Bluetooth & devices	;		
szlonglongsales05				
Find a setting				
, ind a seturity		1		
System	+	Add	a device	×
	Add device		ld a davies	
Bluetooth & devices	And device	Ad	dd a device	
Network & internet			te sure your device is turned on and discoverable. Se	lect a device below to
Personalization		201.011	nect.	
		j.	DCP-1510 series	
Apps Apps				
Accounts	Bluetooth	. B	DCP-1510 series	On
Time & language	Discoverable as "DESKTOP-RJN5PF8	,	The bluetooth p	rint server name as
			the connected L	JSB printer
Gaming	Devices Mouse keyboard pen audio displa	we and docks other		ce
X Accessibility	Mouse, keyboard, pen, audio, displa	ays and docks, other		
Privacy & security	Printers & scanners			
Privacy & security	Printers & scanners Preferences, troubleshoot			
Windows Update				

Note: The Bluetooth Print Server is named after the connected USB printer, such as the DCP-1510 series.

szlonglongsales05			
ind a setting P System Bluetooth & devices Network & internet	: DCP-1510 series Driver is unavailable Add dev	Add a device X	
Personalization Apps Accounts	Bluetooth Discoverable as "DESKTOP-RUNSPF8"	CCP-1510 series Paired The bluetooth print server already paired with your computer On	ed
Time & language Gaming Accessibility	Devices Mouse, keyboard, pen, audio, displays and docks, other		•
Privacy & security Windows Update	Printers & scanners Preferences, troubleshoot Your Phone Instantly access your Android device's photos, texts, a	e hone	>
	Cameras Connected cameras, default image settings		>
	Mouse Buttons, mouse pointer speed, scrolling	Done	>

Note: The Bluetooth print server is already paired with your computer, as shown in the above images. No pin code is required for pairing.

Step 2:

Obtain the Bluetooth Networking COM Number of the Print Server

After the computer is paired with the Print Server, the Print Server will be listed in the Other Devices section, as shown below:

Click "Devices and Printers" to access the Bluetooth Networking COM Number.

1) Click "View more devices"

Rimly Rong szlonglongsales05	Bluetooth & device	es		
nd a setting ,O	:	+		
System Bluetooth & devices	DCP-1510 series Driver is unavailable	Add device		
Network & internet	Driver is unavailable			
Personalization				
Apps			View more devices	
Accounts	* Bluetooth			

-	System	Other devices	
10	Bluetooth & devices	DCP-1510 series	
٠	Network & internet	Driver is unavailable	
1	Personalization	DELL SE2218HV	1
-	Apps		
•	Accounts	Device settings	
3	Time & language	Download over metered connections	off
	Gaming	Device software (drivers, info, and apps) for new devices will download when you're on metered internet connections-data charges may apply	
*	Accessibility	Related settings	
9	Privacy & security		
•	Windows Update	(↓) Sound	,
		Display	>
		Send or receive files via Bluetooth	Ø
		More Bluetooth settings	Ø
		Devices and printers	Ø

Right-click the "DCP-1510 series Print Server" -> "Print Server Properties" -> Choose "Services" to obtain the Print Server Bluetooth SPP Port Number, as shown below:



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Add a device A	Add a printer Rer	move device							
Dell KB216 Wired Keyboard	Dell MS116 USB Optical Mouse	DELL SE2218HV	DESKTOP-RINSPF B	JBL PS2200					
Adobe PDF	Brother DCP-1510 series	DCP-1510 Gen	CP-1510 series Properti aral Hardware Services Tris Buetooth dev service, select the kuetooth Services Serial port (SPP) 'Seriali	Bluetooth vice offers the follow check box.	ving services. To us COM4	(De	eNote esktop)	OneNote for Windows 10	ZDesigner ZD420-300dp ZPL
C 1 D						O'			

Step 3:

Choose the corresponding COM Number for the USB Printer.

Select "Brother DCP-1510 Series" -> "Printer Properties" -> Choose Port "COM4" -> click "OK".



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Add a device	Add a printer										
~ Devices (5)											
	0										
Dell KB216 Wired Keyboard	Dell MS116 USB Optical Mouse	DELL SE2218HV	DESKTOP-RJN5PF	JBL P52200							
~ Printers (10)	opicemous		5								
Adobe PDF	DCP-1510 series	Fix Fix	Microsoft Print to PDF	Microsoft XPS Document Writer	OneNote (Desktop)	OneNote for Windows 10	ZDesigner ZDA20-300dpi ZPL	Brother DCP-1510 series	Brother DCP-1510 series		
		Brother D	CP-1510 series Propert	ies			>				
		8	ring Pots Advance Brother DCP-1510 seri	6		etings					
		Checked po Port LPTI: LPT2: PT3: COM1 COM2	Printer Port Printer Port	Printer Brother DCP-1		1					
		C) Enable b	Port	Delete Port	Configure Port.						
	i items				ОК	Cancel Ac	ply Help				

Now all the settings for Bluetooth printing on a Windows OS computer are complete.

Step 4:

You can now explore printing via the Bluetooth function from the computer to the printer. Select "Brother DCP-1510 Series" -> "Printer Properties" -> "Print Test Page".

Operation Operating Operating <t< th=""><th></th></t<>	
de POV DCh-1310 arris Fix Monuel PAI Monuel PAI Decement Wither Direktory Windows 10 2005 900p DCh-1310 arris DCh-1310 arris DCh-1310 arris Poperties	
General (Busing Pula Advance): Calo Mangement (Security Dance Settings	
Modul Boster SCR-158 preise Faulter Collect No Double visida Yes Spelle No Spelle No Spelle No	

More Info:

If there is no corresponding SPP COM Number on your USB Printer, please add the COM Number manually as shown in the images below:

For example, if the SPP COM Number for the Bluetooth print server is COM9.

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---------	-------

	4		×
	VI)	This Bluetooth device offers the following services. To use a service, select the check box.	
OneNote (Desktop)	OneN Wind	Serial port (SPP) 'SPP Dev'	
		OneNote OneN	Print Server Properties General Hardware Services Bluetooth OneNote OneN Print Server Properties General Hardware Services Bluetooth device offers the following services. To use a service, select the check box. Bluetooth Services Serial port (SPP) 'SPP Dev' COM9

Choose "Brother DCP-1510 Series" -> "Printer Properties" -> "Ports" -> "Add Ports" -> "Local Port" -> "New Port" -> "COM9" -> "OK" -> "Apply", as shown in the image below:

Add a device /	voo a printer	See what's p	mung	ennt server properties	Remove device	e				A VAN
V Devices (10)										
							0		\checkmark	
aiĝ9Mi9 Pro 5G	BTS.0 Mouse	DESKT	OP-QL5BB 5K	FX2E1727	HECATE GM3	HUAWEI Mate 10	Microsoft Sculpt Comfort Mouse	One by Wacom	Surface Type Cover	WIN-T8Q7B6PR. PQ
Wultimedia Device Orden Orden	s (1)									
		1	Brother	DCP-1510 series Proper	ties	×	<			
				Management	Security	Device Settings				
平安会议平板			Gener	al Sharing	Ports	Advanced				
Printers (13)			50	Brother DCP-1510 seri	es					
-		1	-							
0	2		Print to t checked	he following port(s). Do port.	cuments will print to	the first free	0	5	5	2
Adobe PDF	Adobe PDF Converter	DCP	Port	Description 01 USB 虚拟打印机端	Printer	^	Microsoft XPS Jocument Writer	OneNote (Desktop)	OneNote for Windows 10	Print Server
	Converter	UCP	USBO	02 USB 虚拟打印机端			vocument writer	(Desktop)	windows 10	
				6 Standard TCP/IP Poi 6 Standard TCP/IP Poi		verter				
2			192.1	6 Standard TCP/IP Por	rt					
发送至 OneNote				P Local Port Local Port	Microsoft XPS D 发送至 OneNot					
2010			Сом	3 Local Port	Brother DCP-15	10 series 👻				
			Ad	d Port De	elete Port	Configure Port				
			Enable	bidirectional support						
				printer pooling						
Brot	her DCP-1510 se	ries St								
	()	1								
	ĺ.									
)									

/ Devices (10)	
	1
a@9Mi9 Pro 5G BT5.0 Mouse DESKTOP-QL588 FX2E1727 HECATE GM3 HUAWEI Mate 10 Microsoft Sculpt One by Wacom Surface Type WIN-T6Q7860 SK Comfort Mouse Cover PQ	PRJ
/ Multimedia Devices (1)	
b l	
Brother DCP-1510 series Properties X	
Color Massement Security Device Settings 平安会议平板 Printer Ports X	
Printers (13) Available port types:	
Adobe PDF Port Monitor	
Standard TCP/IP Port	
Adobe PDF Adobe PDF OneNote OneNote for Print Serve	TSC TDP-
Converter DCP Converter DCP Converter DCP Converter DCP	
New Port Type New Port Cancel	
Standard TCP/IP Port	ort"
发送至 OneNote L 192.16 Standard TCP/IP Port	
2010 PORTP Local Port Microsoft XPS Document Wri v Add Port Delete Port Configure Port	
Enable bidirectional support	
Enable bidirectional support	
Brother DCP-1510 series st	
Md	
9 Pro 5G BT50 Moure DESKTOP-QL58B FX2E1727 HECATE GM3 HUWVEI Mate 10 Microsoft Sculpt One by Wacom Surface Type WIN-TBQ786PRJ	J
SK Comfort Mouse Cover PQ still Devices (1)	
Brother DCP-1510 series Properties X	
Color Management Servitiv Device Battros N汉平板 Printer Ports 米	
(13) Available port types:	
2e PDF Adobe PDF Converter DCP Vints Server TSC TDP-245	TSC TTP-245
New Port Type New Port Cancel	
Click "Ok" and "Apply	<i>,</i> ″′
OneNote 192.16 Standard TCP/IP Port	· · · · ·
010 PORTP_ Local Port Microsoft XP5 Document Writ_ ~	
Add Port. Delete Port Configure Port	
Enable pointer pooling	
Brother DCP-1510 series st	
Categ	
🥥 💻 💛 🕅 🖉 🔲 👞 🖏	
aldg/Mig Piro 5G BT5.0 Mouse DESKTOP-QL588 FX2E1727 HECATE GM3 HUMVEI Mate 10 Microsoft Sculpt One by Wacom Surface Type WIN-T6Q786PRJ	
5K Comfort Mouse Cover PQ ~ Multimedia Devices (1)	
me Brother DCP-1510 series Properties X	
Color Management Security Device Settings 平安会议平板 General Sharing Ports Advanced	
Printers (13) Brother DCP-1510 series	
66 · · · · · · · · · · · · · · · · · ·	
Print to the following port(s). Documents will print to the first free thecked port.	
Adobe PDF Adobe PDF Converter DCP US8 #\$#\$170PUBUED ************************************	TDP-245 TSC TTP-24
Converter UC Dockvic us again graph data a converter (Decktop) Windows to 192.16. Standard TCP/IP Port Adobe PDF Converter (Decktop)	
□ 192.16. Standard (C/// Port □ 192.16. Standard (C/// Port □ 000Fr. Local Port Microsoft XPS Document Wi	
W送至 OneNote Double Cocal Port X送至 OneNote Double Cocal Port X送至 OneNote	
2010 Comi9 Local Port Brother DCP-1510 series	
Add Port. Delete Port Configure Port.	
Enable bifractional support disable the 2 options	
Brother DCP-1510 series S	
Catego Catego Catego Apply	

Note: Please disable the "Enable bidirectional support" and "Enable printer pooling" options. Now you can explore printing via Bluetooth from the computer to the printer.

3.4.2. Bluetooth Printing via Android OS

Note:

If it is a 3 USB Ports Bluetooth Print Server, please kindly note that it only supports USB1 with Bluetooth function, as shown below:

nt Server Config Tool	0	
OYALTY -SECU	Info Device Parameter Network Config Firmware Upgrade Reboot	
ake print sharing easy and free Device Info		
Device Name	Printer Server	
Hardware Version	WN0x	
Software Version	20210608.1	
Running Time	20	
Network Info		
MAC Info	08:00:27:00:01:92	
WiFi Info	1	
4G Reserve	I	
USB Ports of Print Server		
USB1	9100 Support Bluetooth function only	
USB2	9101	
USB3	9102	

Please download "PrinterShare" from the App Store or website: <u>http://www.printershare.com</u> onto your Android smartphone first.

Before you start printing, you need to ensure that Bluetooth is active on your Android device and that it is paired with your printer. The first time you connect to your printer, you will need to download a driver for it, as well as document rendering libraries (such as Office or PDF) if you plan to print documents.

To ensure that Bluetooth is enabled on your Android device, go to Android Settings and make sure



that Bluetooth is set to "On". 8 Bluetooth

Now that you are certain that Bluetooth is active, make sure that your Android device is paired with your printer in Android Settings > Bluetooth. (No pin code required)

Take your Android device and open PrinterShare by tapping on its icon. If this is the first time you are running PrinterShare, you will see a splash screen with two buttons: "Read More" (which will provide you with general information on PrinterShare's functionality) and "Continue". Tap "Continue" once you are ready to proceed.

You will see the main PrinterShare screen with a grid of icons that allow you to access various items that can be printed. Below the grid of icons, you will see an icon of a printer with the text "Printer Not Selected" and a "Select" button displayed beside it. To select your Bluetooth printer, press the

•	Printer	
The second s	Not selected	Select
button.		

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"Select"

0

Now, tap the "Nearby - Bluetooth" button and wait for the app to detect your printer.



When your printer is detected, tap on it. The app will then ask for your permission to download a driver for it, which will require at least 4MB of space on your SD card.



Tap "Yes" and you will be ready to print once the app finishes downloading and installing the driver pack.

Here's the demonstration of the setup:

Step 1: Connect the Bluetooth print server to the USB printer using a USB cable.

Step 2: Power on the print server and USB printer.

Note: The Bluetooth print server will be automatically named after the connected USB printer and paired with your smartphone, as shown in the images below.



5:33 PM 📑 📑 🤤 +++	8 SA SA 🗢 CBD	5:33 PM 💿 🛸 🛄 🚥	(H)	5:34 PM 💽 😂 💭 🚥	
PrinterShare Premium		📚 Nearby Printers		Nearby Printers	
	31	Bluetooth Printer Print Server DC:0D:30:C8:EF:6E	~	Print Server DC:00:30 CB:EP 6E	~
Pictures Contacts	Calendar				
Fictures connects	Calencar				
					_
Select Printer				Ser Action Requ	uired
(()) Nearby WiFi				We did not find drive printer. Please select	
Nearby Bluetooth				Note: You may also s	
P Direct USB Connecte	d P			printer with our softw printershare.com on	vare from
Google Cloud Print				built-in Printer Sharin	
PrinterShare Remote				Cancel S	select Manually
1.1					
Bluetooth Printer Print Server	Select	Scanning Nearby Bluetooth	Scan for printers	Found Printers (1) Nearby Bluetooth	Scan for printers
= 0	<	= 0	<	Ξ 0	<
5:34 PM 🖸 S 🗾 🚥	\$#### \$ @	5:36 PM 💿 😒 🦲 …	* 11 11 10 60		
Nearby Printers		Print Preview)	
Bluetooth Printer	 ✓ 				
Print Server DC:0D:30:C8:EF:6E		-			
		PRINTERSHARE - Test Page			
		PRINTERSHARE - Tool Page			
PrinterShare	_	PRINTERINAL ² - Tech Pape			
PrinterShare					
Congratulations! Your pr	inter is	PrinterShare	٩		
Congratulations! Your pr configured and ready.		PrinterShare Print job has been sent t	to the		
Congratulations! Your pr configured and ready. We recommend you to	print test		to the		
Congratulations! Your pr configured and ready. We recommend you to page to make sure the p working correctly and yo	print test printing is	Print job has been sent t	to the OK		
Congratulations! Your pr configured and ready. We recommend you to page to make sure the p working correctly and your results you expect.	print test printing is bu get the	Print job has been sent t printer			
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Congratulations! Your pr configured and ready. We recommend you to page to make sure the p working correctly and your results you expect.	print test rinting is bu get the Print	Print job has been sent t printer			
Congratulations! Your pr configured and ready. We recommend you to page to make sure the p working correctly and your results you expect.	print test rinting is bu get the Print	Print job has been sent f printer Report a problem	ок		
Congratulations! Your pr configured and ready. We recommend you to page to make sure the p working correctly and your results you expect.	print test rinting is bu get the Print	Print job has been sent to printer Report a problem			
Congratulations! Your pr configured and ready. We recommend you to page to make sure the p working correctly and your results you expect. Skip	print test rinting is bu get the Print	Print job has been sent f printer Report a problem	ок		

For more information on printing to a WiFi printer or network printer, please refer to the PrinterShare Online Support at <u>http://www.printershare.com/help-mobile.sdf</u>.

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Google Cloud Print

Printing to Wi-Fi printers Printing to Bluetooth printers Printing via PC (LAN) Printing over the Internet Printing via USB Troubleshooting Android FAQ

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3.5. How to Configure WiFi Printing on an Android OS Device?

Note: WiFi printing is only supported on Android operating systems.

For more information about WiFi printing on Android OS, please refer to PrinterShare Online Support: http://www.printershare.com/help-mobile.sdf

Remarks: The "PrinterShare" app only supports adding a single port for mobile printing. For 3 USB ports print server, it is recommended to use the "PrintHand" app.

4. FAQs

4.1. Check if the Print Server has successfully connected to the

Ethernet network or Not?

Steps: Click on the "Start" menu, then type "Run" in the search box or use the WIN+R key combination to open the Run window. In the Run window, enter "cmd" and click "OK".

🖅 Run	×	
٨	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.	0.
Open:	cmd ~	
	OK Cancel Browse	

Input "PING xxx.xxx.xxx" (print server's IP address) into the command prompt. Please note that there must be a space between "PING" and the IP address.



4.2. To check if your USB printer supports the RAW protocol or Not?

Manage your device	Brother DCP-1510 series Properties X	Configure Standard TCP/IP Port Monitor
Printer status: Default, Error	Color Management Security Device Settings General Sharing Ports 2 Advanced	Port Settings
Open print queue Set as default	Brother DCP-1510 series	Port Name: 192.168.0.105_1 Printer Name or IP Address: 192.168.0.105
Print a test page Run the troubleshooter	Print to the following port(s). Documents will print to the first free checked port.	Protocol Raw CLPR
Printer properties	Port Description Printer ^ 192.16	Raw Settings Port Number: 9100
Hardware properties	□ PORTP. Local Port Microsoft XPS Document Wri □ PORTP. Local Port 发送至 OneNote 2010, OneN □ Micros App Monitor OneNote for Windows 10 □ Destto Addabe PDF	LPR Settings Queue Name:
Get help	Docum_ Adobe PDF Adobe PDF 3 v	IPR Byte Counting Enabled
	Add Port Delete Port Configure Port	Community Name: public
	Enable bidirectional support Enable printer pooling	SNMP Device Index

Confirm the printer's default data format as "RAW" by accessing the "Printer Properties" settings.

4.3. To confirm if there is a print issue with a document pending?

Right-click on the target printer, choose "See what's printing", click on the "Printer" menu, and check whether the "Use Printer Offline" option is disabled, as shown below:

Devices and Printers	-	- 🗉 🍙						
$\leftarrow \rightarrow \ ^{}$ $\uparrow \ ^{}$ $\uparrow \ ^{}$ $\uparrow \ ^{}$ $\uparrow \ ^{}$ Hardware and Sound $\rightarrow \ $ Devices and	Printers v Ö Search D	levices and P 9						
Add a device Add a printer See what's printing	Print server properties »	📼 🔹 😮						
Printers (5)		^						
See what's printing			Brother HL-L2340D Printer O	Iffline			<u>.</u>	- 🗆 X
Printing preferences Printer properties		~	Connect	Status	Owner	Pages	Size	Submitted
Brother HL-L2340D series Create shortcut		Send To neNote 2016	/ Set As Default Printer			1000		
Printer Jnspecified (2 Travislasheat			Printing Preferences					
Inoubleshoot			Sharing					
Properties	•	~	Use Printer Offline 2	Dirable	the "Use Pri	nter Office	.99	
	Brother Laser Type1 Class Driver	_		Disable	me Ose Fil	mer Omme		
Category:		5	Properties 9 × 220					
		29.						

Note: If there are any documents in the queue, please delete all of them.

Printer Document View				
Document Name	Status	Owner	Pages	Size
Microsoft Word - Document I Have No Super Feelings About.docx	Spooling	wjgle	1	9.28
Microsoft Word - Super Stupid Document.docx	Spooling	wjgle	1	9.24
Microsoft Word - Super Important Document.docx	Spooling	wjgle	1	9.24
<				>
3 document(s) in gueue				

4.4. Why it is not recommended to use DHCP to obtain an IP

address for the print server?

It is easy to forget the IP address and accidentally assign a different IP address to the print server when using DHCP to obtain an IP address.

4.5. Why the Print Server Config Tool may not recognize the

print server via Windows OS?

After being connected to the computer, the print server will automatically power on and start. The entire startup process takes about 20 seconds. Once completed, the print server config tool will display a USB sign in the lower-left corner, indicating that the config tool has successfully recognized the print server, as shown below:

OYALTY -SECU ake print sharing easy and free	Info	Device Parameter	Network Config	Firmware Upgrade	Reboot		Ð	4	
Device Info									
Device Name						Reconnect	Refresh		
Hardware Version									
Software Version									
Running Time									
Network Info									
MAC Info								- 0	
WiFi Info									
4G Reserve									
USB Ports of Print Server									
US81									
USB2									
US83									
0583									

4.6. Why the WiFi Print Server cannot be connected via Network Connection Method?



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Via USB Cable

Solution 1: Long press the "Reset" button of the print server for 5 seconds.

Solution 2: Ensure that the default mode for the wired network configuration is set to "Obtain an IP address via DHCP".

Print Server Config Tool						- U
LOYALTY -SECU make print sharing easy and free	Info	Device Parameter	Network Config	Firmware Upgrade	Reboot	EN
Wired/WiFi Network Config						
1. Wired Network Config						
Obtain an IP Ad	ldress	2. Obtain an IP Add	r via DHCP	\sim		
IP Addr						
Subnet Mask						
Gateway						
DNS Addr				3.	Save	

4.7. To check if the "Enable bidirectional support" option is

disabled or not.

As shown as below:

Frint to the following port(s). Doc checked port.	ription		
rint to the following port(s). Doc hecked port.	ription		
hecked port. Desc	ription		
		Printer	
COM4: Seria			^
	l Port		
FILE: Print	to File		
WSD-3be1f116-096d WSD	Port		
✓ 192.168.1.128 Stan	dard TCP/IP Port	HP LaserJet 1020	
PORTPROMPT: Loca	l Port	Microsoft XPS Docu	
IR Loca	l Port		¥
<		>	
Add Port	Delete Port	Configure Port	
Enable bidirectional support	Cancle this	option	
]Enable printer pooling			
	OK Cance	Apply	

4.8. To check if the print server has scanned the complete WiFi network name

Example: When connecting the print server to the WiFi network named "Vodafone Superior," it is important to note that there is a space between "Vodafone" and "Superior." After clicking the "Scan" button, the print server will only detect the WiFi network name before the space (i.e., "Vodafone"). Therefore, the user must manually enter the complete WiFi network name "Vodafone Superior" in the provided field, as shown in the image below:

hoose Available WiFi Internet	Vodafone 💙 Vodafone Superior 🛛	Scan
R Password	Vodatone Camera WIRIZ	4
otain an IP Address	Vodafone: WiFi	
Addr	192.168.1.20	
ubnet Mask	255.255.255.0	
iateway	192.168.1.1	
DNS Addr	192.168.1.1	Save

By entering the full WiFi network name manually, the print server will be able to connect to the correct network successfully.

Remarks: Only when the WiFi network name and password are correct and an IP address is assigned to the WiFi print server, this device can be discovered within your local area network (LAN).