Contents

1.	Precautions	2
	1.1. Purpose	2
	1.2. Definition	2
2. F	Product Description	3
	2.1. Print Server Appearance	3
	2.2 Main Interface of the Print Server Config Tool	4
	2.2.1. Definition	4
	2.2.2. Interface Introduction	5
	2.2.2.1. Info Interface	5
	2.2.2.2. Device Parameter Interface	6
	2.2.2.3. Network Config Interface	7
	2.2.2.4. Firmware Upgrade Interface	7
	2.2.2.5. Reboot Interface	8
3. E	Basic Configuration and Operation	8
	3.1. Print Server Configuration Tool Preparation (for Windows OS Config only)	8
	3.1.1. Print Server Configuration Tool Download	8
	3.1.2. Print Server Configuration Tool Installation	8
	3.2. Print Server Connection with Print Server Config Tool (for Windows OS Config only)	9
	3.2.1. Connection Via USB Cable	9
	3.2.1.1. Preparation Work before Connection Configuration	9
	3.2.1.2. Connection Configuration Steps	.10
	3.2.1.2.1. Connect the print server to the computer via the USB cable	.10
	3.2.1.2.2. Confirm the Ethernet IP Address of the Print Server	.10
	3.2.1.2.3. Set the Ethernet IP Address of the Print Server	.11
	3.2.2. Connection via Network	.15
	3.2.2.1. Preparation Work before Connection Configuration	.15
	3.2.2.2. Connection Configuration Steps	.15
	3.2.2.2.1. Connect the Print Server to the Computer via Network	.15
	3.2.2.2.2. Set the Ethernet IP Address of the Print Server	.16
	3.3. How to Configure Computer for Printing?	.16
	3.3.1. Taking Windows 10 operating system as an example	.16
	3.3.2. Taking Mac operating system as an example	.22
	3.4. How to Configure a Bluetooth Device for Printing	.24
	3.4.1. Bluetooth Printing via Windows OS	.24
	3.4.2. Bluetooth Printing via Android OS	.32
	3.5. How to Configure WiFi Printing on an Android OS Device?	.35
4. F	AQs	.36
	4.1. Check if the Print Server has successfully connected to the Ethernet network or Not?	.36
	4.2. To check if your USB printer supports the RAW protocol or Not?	.37
	4.3. To confirm if there is a print issue with a document pending?	.37
	4.4. Why it is not recommended to use DHCP to obtain an IP address for the print server?	.38
	4.5. Why the Print Server Config Tool may not recognize the print server via Windows OS?	' 38

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- 4.6. Why the WiFi Print Server cannot be connected via Network Connection Method?......38
- 4.8. To check if the print server has scanned the complete WiFi network name......40

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
\mathcal{D}	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

Print Server Config Tool	- 0	\times
	info Device Parameter Network Config Firmware Upgrade Reboot EN	
Device Info		EN Esh
Device Name	Printer Server	
Hardware Version	WN0x Keresn	-
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		
USB Ports of Print Server	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	
US83	9102	
5	Connection method Product ID 4	
192.168.0.123	Via Network Connection ProductID:WN01-20210712002 WIN64	.:
OT ALT	4.Sr	
Y		

2.2.2.2. Device Parameter Interface

Device Name	Printer Server Save	
Printing Transmission Mode	Starts to print while receiving file <pre>Save</pre>	
MAC Addr	08:00:27:00:01:92 Save	
	Unique MAC address is required, when there have multiple network print servers in the	Ethernet
USB Port Config		
USB 1 Binding TCP/IP Port	9100	
USB1 Binding TCP/IP Port	9100	
USB1 Binding TCP/IP Port USB2 Binding TCP/IP Port	9100	
USB1 Binding TCP/IP Port USB2 Binding TCP/IP Port USB3 Binding TCP/IP Port	9100 9101 9102 Save	
US81 Binding TCP/IP Port US82 Binding TCP/IP Port US83 Binding TCP/IP Port	9100 9101 9102 Save	

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	Device Parameter Network Config Firmware Upgrade Reboot	
Wired/WiFi Network Config		
Wired Network Config		
Obtain an IP Address	Fived IP Address	
TD Adde		
IP AGUI		
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	
IP Addr	192.168.0.123	
Subnet Mask	255.255.255.0	
Gateway	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	to Device Parameter Network Config Primatere Upgrade Reboot			
Device Firmware Upgrade				
	Upgrade			
103 168 0 133	Via Naturale Connection Broduct/DANI01-20210712002 MIN64			

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 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 Upgrade 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	(@) Via USB Cable	
USB Ports of Print Server	() va network	
USB 1	Apply	
U582		
1001		
		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.

rint 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	I.			
4G Reserve	1			
USB Ports of Print Server				
USB1	9100			
USB2	9101			
US83	9102			
1	Ma LICE Calla		LIGNIC 4	

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		
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

make print sharing easy and free	Info	Device Parameter	Network Config	Firmware Upgrade	Reboot
Wired/WiFi Network Config					
Wired Network Config	g				
Wired Network Config Obtain an IP A	g .ddress	Fixed IP Address	6	~	
Wired Network Confi Obtain an IP A IP Addr	g .ddress	Fixed IP Address 192.168.0.123	<u>A</u>	~	
Wired Network Confi Obtain an IP A IP Addr Subnet Mask	g .ddress	Fixed IP Address 192.168.0.123 255.255.255.0		~ 	

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	Device Parameter Network Config	Firmware Upgrade	Reboot	EN		
W	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			Save			Y
	LITIO MUUT						0.7
OSB	Via USB	3 Cable ProductID:WN	01-20210/12002 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 passy	vord
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							
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						
MAC Info		Connect Method					
WiFi Info		Pls select a conn	ection method		_		
4G Reserve		Via USB (Cable				
USB Ports of Print Server		● Via Netw	ork				
USB1			Apply				
USB2							
LISB3							

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	Find	l a print server on t	he network		×		
MAC Info	ſ						
WiFi Info	Ē	T (R)					
4G Reserve	_	Ţ					
USB Ports of Print Server		Please select a print se	ver 192.16	8.0.123	~		
USB1		г	Apply				
	192.1	168.56.1, 192.168.1.7					
USB2							
USB3							

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
L.C mai	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		- <i>σ</i>
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	
员 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
U Mouse	Printers & scanners	Example: \\computername\printername or http://computername/printers/printername/.printer
I Typing		Add a printer using a TCP/IP address or hostname Add a Bluetooth, wireless or network discoverable printer
len & 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	Not Cord
🖞 USB	Fax	LINEA California
	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	rinter port s a type of conn ing port: w port: 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

1. The device	is turned on.	
The netwo	rk is connected.	
The device	is properly configured.	
 The addres 	is on the previous page is correct.	
t you think the correct the add s correct, seled	e address is not correct, click back to return to the previous pa dress and perform another search on the network. If you are : ct the device type below.	ige. Then sure the addr
t you think the correct the add s correct, seled Device Type	e address is not correct, circk back to return to the previous pa frees and perform another search on the network. If you are : ct the device type below.	ige. Then sure the addr
or you think the correct the add s correct, seled Device Type	e accress is not correct, circk back to return to the previous pi tress and perform another search on the network. If you are : ct the device type below.	ige. Then sure the addr

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:

×

÷	<i></i> Add Printer	×	Ċ
	Install the printe	er driver	5
	Choose you To install the	r printer from the list. Click Windows Update to see more models. e driver from an installation CD, click Have Disk.	
	Manufacturer Adobe Brother Generic Microsoft	Printers	
	This driver is dig <u>Tell me why driv</u>	itally signed. Windows Update Have Disk Have Disk Next Cancel	

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
	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, dick Have Dick To install the driver from an installation CD, dick Have Dick Manufacturer Rescue Rescue R	Manufacturer Printers Adobe @Brother Color Leg Type1 Class Driver Brother @Brother Color Type3 Class Driver Generic @Brother Generic Lpg Type1 Class Driver Microsoft @Brother Generic Lpg Type1 Class Driver
Tell me why driver signing is important Next Cancel	This driver is digitally signed. Windows Update Have Disk Tell me why driver signing is important Next Cancel

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 P	Add printers & scanners		
			_			Devices	+ Add a printer or scanner		
		Find a setting	P			Bluetooth & other devices			
						B Printers & scanners	Printers & scanners		
旦	System Display, sound, notifications,	Bluetooth, printers, mouse	, Pi	ftone ink your Android, iPhone		O Mouse	Adobe PDF		
	power					Touchpad	Brother DCP-1510 series Default, Driver is unavailable		
\bigoplus	Network & Internet WLAN, airplane mode, VPN	Personalization Background, lock screen, colors	Ē	kpps Ininstall, defaults, optional		📼 Typing	Brother DCP-1510 series Default, Not connected		
						🖨 Pen & Windows Ink	₽ Fax		
8	Accounts	Time & Language	🕺 🚫	aming		AutoPlay	-		
	work, family	speech, region, date	br	roadcasting, Game Mode		D USB	Not connected		
d.	Ease of Access	Cortana	Q si	earch			Microsoft Print to PDF		
0	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 X	Add Standard TCP/IP P	rinter Port Wizard
Color Management Security Device Settings General Sharing Ports Advanced	Brother DCP-1510 series Properties	Welcome to the Add Standard TCP/IP Printer Port Wizard
Brother DCP-1510 series Print to the following port(s). Documents will print to the first free checked port Port Description Printer	Color Management Security Printer Ports Available port types: Adobe PDF Port Monitor Local Port Standard TCP/IP Port	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.
□ LPT1: Printer Port □ LPT2: Printer Port □ LPT3: Printer Port □ COM2: Serial Port □ COM2: Serial Port □ COM4: Serial Port □ COM5: Serial Port □ COM5: Serial Port □ COM5: Serial Port □ COM5: Serial Port	New Port Type New Port COM2: Serial Port COM3: Serial Port COM4: Serial Port COM5: Serial Port	2 To continue, CICH Mad
Add Port Delete Port Configure Port Enable bidirectional support Enable printer pooling	Add Port. Delete Port	< Back Next > Cancel
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
		-	
Generic Network Card	Configure Standard TCP/IP Port Monitor		×
Generic Network Card Indard TCP/IP Printer Port Wizard Inal port information required	Configure Standard TCP/IP Port Monitor Port Settings	8	×
Generic Network Card Indard TCP/IP Printer Port Wizard evice could not be identified.	Configure Standard TCP/IP Port Monitor Port Settings Port Name: 192.16	3 8.0.105_1	×
Generic Network Card andard TCP/IP Printer Port Wizard Jonal port Information required device could not be identified.	Configure Standard TCP/IP Port Monitor Port Settings Port Name: Printer Name or IP Address: 192.16	3 8.0.105_1 8.0.105	×
Tenenic Network Card indard TCP/IP Printer Port Witzard hang bort Information required tevice could not be identified. device is not found on the network. Be sure the device is turned on.	Configure Standard TCP/IP Port Monitor Port Settings Port Name: 192.16 Printer Name or IP Address: 192.16 Protocol Rew	3 80.105.1 6.0.105	×
Generic Network Card indard TCP/IP Printer Port Witzard malport Information required tevice could not be identified. device is not found on the network. Be sure the device is turned on. The device is properly configured. The device is properly configured.	Configure Standard TCP/IP Port Monitor Port Settings Port Name: 192.16 Printer Name or IP Address: 192.16 Protocol Raw	3 80.105 J C LPR	×
Generic Network Card indard TCP/IP Printer Port Witzard hand port Information required 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. J which the address is not correct dick Back	Configure Standard TCP/IP Port Monitor Port Settings Port Name: Printer Name or IP Address: 192.16 Protocol Raw Raw Settings Port Number: 9100 9100	80.105	×
Generic Netweek Card indiard TCP/IP Printer Port Witzard hand 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. to think the address is not correct, click Back to the address and perform another search to the device type below.	Configure Standard TCP/IP Port Monitor Port Settings Port Name: Printer Name or IP Address: Protocol Raw Raw Settings Port Number: 9100 LPR Settings	80.105	×
Generic Network Card indard TCP/IP Printer Port Witzard hand port Information required 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. to think the address is not correct, click Back et the address and perform another search or rect, select the device type below. I one Type	Configure Standard TCP/IP Port Monitor Port Settings Printer Name: 192.16 Printer Name or IP Address: 192.16 Protocol Raw Raw Settings Port Number: 9 1910 LPR Settings Queue Name:	3 80.105 C LPR	×
Generic Network Card indard TCP/IP Printer Port Wizard malport Information required sevice 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 is not correct, click Back ext 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	Configure Standard TCP/IP Port Monitor Port Settings Port Name: Protocol Raw Protoc	60.105.0 60.105 C LPR	×
Generic Network Card indard TCP/IP Printer Port Wizard malapt 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 properly configured. he address on the previous page is correct. u blink the address is not correct, click Back text be device sing beform another search i rect, sleet the device type below. ice Type Standard Generic Network Card Custom Settings.	Configure Standard TCP/IP Port Monitor Port Settings Port Name: Protocol Raw Raw Raw Protocol Raw Protocol Protocol Raw Settings Port Number: Protocol Settings Cueue Name: IPR Settings Cueue Name: Settings Set	80.105.0 80.105 C LPR	×
Teneric Network Card indard TCP/IP Printer Port Wizard malport Information required tevice could not be identified. device is not found on the network. Be sure the device is properly configured. The address on the previous page is correct. the address and perform another search inter the address and perform another search inter type Standard Generic Network Card Custom 2	Configure Standard TCP/IP Port Monitor Port Settings Port Name: Protocol Raw Protoc	80.105.0 80.105 C LPR	×
Generic Network Card indard TCP/IP Printer Port Wizard malport Information required tevice could not be identified. device is not found on the network. Be sume the device is turned on. The device is turned on. The device is properly configured. The address on the previous page is correct. U shink the address is not correct, click Back at the address and perform another search or rect, select the device type below. is of Type Standard Generic Network Card Custom 2	Configure Standard TCP/IP Port Monitor Port Settings Port Name: Protocol Raw Protocol Raw Settings Port Number: Protocol IPR Settings Queue Name: IBR Byte Counting Enabled Community Name: Public SNMP Device Index: 1	80.105.1 6.0.105 C LPR	×
Generic Network Card indard TCP/IP Printer Port Witzard malard TCP/IP Printer Port Witzard malarot information required tevice is not found on the network. Be sure he device is turned on. he network is connected. he address on the previous page is correct. u think the address is not correct, click Back tothe address on the previous page is correct. u think the address and perform another search rect, select the device type below. ice Type Standard Generic Network Card Custom 2 2 2 2 2 2 2 2 2 2 2 2 2	Configure Standard TCP/IP Port Monitor Port Settings Printer Name or IP Address: Protocol Raw Settings Port Number: Port Number: Port Number: Port Number: Port Number: Port Number: Port Settings Cueue Name: F LPR Byte Counting Enabled Community Name: public SNIMP Device Index: 1	B 0 105 1 B 0 105 1 C LPR	×

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 TCP/IP Prir	the Add Stan Iter Port Wiza	dard ard	
	You have selected a characteristics.	a port with the followir	ng	
	SNMP:	No		
	Protocol:	RAW, Port 9100		
	Device:	192.168.0.105		
	Port Name:	192.168.0.105_1		
	Adapter Type:			<i>y</i>
	To complete this wi	zard, click Finish.		
		< Back Finis	sh 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 Fil	e Edit Viev	000	4.3	IIII Syste	em Preferen	Ces		Q Search	
About This Mac			Dimby De						-
System Preferences.		В	Apple ID, iClo	ud, Media & A	pp Store				Apple ID
App Store		-	-	_	-	-	0	-	~
Recent Items	>	General	Desktop & Screen Saver	Dock & Menu Bar	Mission Control	Siri	Spotlight	Language & Region	Notification
Force Quit Chrome	CARO	0	-		-	0	Ī	-	٢
Sleep		Accounts	Apple Pay	Touch to	Groups	Accessionly	Screen time	Extensions	& Privacy
Restart		6		*	40	4	1000		
Shut Down		Software Update	Network	Bluetooth	Sound	Printers & Scanners	Keyboard	Trackpad	Mouse
Lock Screen	^#Q		=	-		0	0		
Log Out Rimly Rong.	🌣 🛱 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: Default printer: Last Printer Used					•••					
	Leastry: Last Printer: Last Printer Used		No Click A	printers are available. dd (+) to set up a printer.		Address Protocol Queue	Enter host værer or 17 address, 147 Jettdrect - Socket Lærer blank for default gerere.				
Location	Default printer: Last Printer Used					Name			0		
Use .	Default printer: Last Printer Used	+ -				Location			-	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		192.168.0.116		
Idle, Last Used	(Section of the sect	Open Print Queue		
	-	Options & Supplie	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 namer size:	119 Latter	0	2

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:

O printers & scanners				
All Apps Documents Web More ~	s &			
Best match		R Kinly Rong schoolcoguients	Bluetooth & devices	
- Printers & scanners		Find a setting P		
G System settings	÷	Sater	+	
Settings	Printers & scanners	I O Biurtocth & devices	Add device	
Add a printer or scanner	System settings	 Network & internet 		
Et Windows manage my default	🕜 Open	/ Personalization	View more devices	
printer	Get quick help from web	Accounts	g Buetoch	0 💭
(量) 查找升程复引印问题 >	Scanning documents	3 Time & language	Deconste # 'ESTO-RADE	
Search the web	Changing printer status	Gaming	Devices Mouse, implement, pare, audio, displays and docks, other devices	Add device
,O printer - See web results >	Downloading print drivers	Accessority Privacy & security	C Printers & scenners	3
Apps (2)		Windows Update	Priferrors, toublehoot	
Documents (5+)			Vour Phone Instanty access your Android device's phones, texts, and more	Open Your Phone >
Videos (1+)			Connected cameras, default image untings	>
			m Mouse	ă.
			U Buttons, moure publice speed, sarviling	\$8.86.0458.1
Q Rimly Rong	Bluetooth & devices			
Find a setting D				
Sustam	+	Add a device		×
System	Add desires 2	A -1 -1 -1		
Bluetooth & devices	Add device -	Add a dev	lice	
Network & internet		Choose the kind of c	device you want to add.	
Personalization		Bluetooth	3	
Apps		Mice, keyboards	, pens, audio devices, controllers, and more	
Accounts	* Bluetooth	Wireless displa	iy or dock	
3 Time & language	Discoverable as "DESKTOP-RJNSPFB"	Wireless monito	rs, TVs, or PCs that use Miracast, or wireless docks	
Gaming		L Eventhing elec		
•	Mouse, keyboard, pen, audio, displays and docks, o	+ Xbox controllers	with Xbox Wireless Adapter, DLNA, and other devices	ce >
A Accessionity				
Privacy & security	Printers & scanners Preferences, troubleshoot			>
Windows Update				
	Your Phone Instantly access your Android device's photos, text	s, and		hone >
	Cameras Connected cameras, default image settings			>
	m Mauri	1	Cancel	
	Buttons, mouse pointer speed, scrolling			>
C Rimly Ropa	Bluetooth & devices			
szlonglongsales05				
Find a setting				
System	+	Add	a device	×
- System	l Add dealer			
Bluetooth & devices	Add device	Ad	ad a device	
 Network & internet 		Mak	e sure your device is turned on and discoverable. Sel	ect a device below to
/ Personalization		com		
Apps		j.	DCP-1510 series	
Accounts	Bluetooth Discoverable as "DESKTOP-RJNSPFB	. B	DCP-1510 series	On On
Time & language			the connected U	JSB printer
Gaming	- Davicar			
* Anneribility	Mouse, keyboard, pen, audio, displa	iys and docks, other		ce
A Accessibility				
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.

Rimly Rong szlonglongsales05	Bluetooth & devices
nd a setting D	Add a device
Bluetooth & devices	DCP-1510 series Driver is unavailable Add devic Your device is ready to go!
Personalization	DCP-1510 series Paired The bluetooth print server already paired
Accounts Time & language	Bluetooth Discoverable as "DESKTOP-RUNSPFB" On
Gaming Accessibility	Ce >
Privacy & security Windows Update	Printers & scanners Preferences, troubleshoot
	Your Phone Instantly access your Android device's photos, texts, and hone
	Cameras Connected cameras, default image settings
	Mouse Done 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"

Bluetooth & device	es		
:			
DCB 1510 series	+		
Driver is unavailable	Add device		
		View more devices	
* Bluetooth			
	Elucitori a device	Bluetooth & devices	Bluetooth & devices

	System	Other desires	
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	uence sotteare (orwers, into, and apps) for new devices will download when you're on metered internet connections—data charges may apply	
*	Accessibility	Related settings	
0	Privacy & security	\$\$ Sound	>
-	indon's opane		
		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	Add a printer	Remove device						
V Devices (5)								
	0							
Dell KB216 Wired Keyboard	Dell MS116 U Optical Mou	JSB DELL SE2218H	V DESKTOP-RJN5PF B	JBL PS2200				
~ Printers (9) -	Southern Series							
	-							
Adobe PDF	Brother DCP_1510 re	DCP-1510	Seneral Hardware Service	145 Bluetooth	,	OneNote	OneNote for	ZDesigner
	DCP-1510 se	nes	This Bluetooth de	vice offers the following se	ervices. To use a	(Desktop)	windows to	ZD420-300dp ZPL
			service, select the	check box.				
			Bluetooth Services	Port' CC	M4			
			Sola por (or r) Sola					
						7		

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	Dell MS116 USB	DELL SE2218HV	DESKTOP-RJNSPF	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			>				
		General Sha	ning Pots Advance	d Color Management	Security Device Se	etings					
		Port Port LPTI: LPT2: PT3: COM1 COM2 COM2 COM3 COM3	Description Printer Port Printer Port Printer Port Serial Port Serial Port Serial Port Serial Port	Printer Brother DCP-1	S10 series	1					
		Add	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".

mices (5)												
KB216 Wired Keyboard Inters (10)	Dell MS116 USB Optical Mouse	DELL SE2218HV	DESKTOP-RINSPF B	RL PS2200								
Idobe POF	DCP-1310 series	fa fa	Microsoft Print to PDF	Microsoft XPS Document Writer	OneNote (Desktop)	OneNote for Windows 10	ZDesigner ZDe20-300dpi ZPL	Brother DCP-1310 series	Bisether DCP-1510 series			
										Brother DCP-1510 series Properties	Sector Se	×
										General Sharing Pots Advanced	Color Management Security Device Settings	
										Location:		
										Model: Brother DCP-1510 ser	ies	
										Leion no Double-sided: Yes Staple: No Speed: 20 ppm Maximum resolution: Unknown	A4 A	
										Pre	ferences Print Test Page	

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	Print Server Properties	×
	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 (Desktop)	OneNote (Desktop) Wind	Image: Concernent of the service o

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	ndo a printer	see what's p	mung	ennit server properties	Remove device	e.)				A VAN
V Devices (10)										
							0		\checkmark	
aiĝ9Mi9 Pro 5G	BTS.0 Mouse	DESKT	DP-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	25 (1)									
		e	Brother	DCP-1510 series Propert	ties	×	<			
		1	Color	Management	Security	Device Settings	1			
平安会议平板			Gener	al Sharing	Parts	Advanced				
Printers (13)			50	Brother DCP-1510 serie	rs.					
			Print to t checked	he following port(s). Doo port.	cuments will print to	the first free			8	
Adobe PDF	Adobe PDF Converter	DCP	Port	Description 01 USB 虚拟打印机端口 02 USB 虚拟打印机端口	Printer	^	Microsoft XPS Xocument Writer	OneNote (Desktop)	OneNote for Windows 10	Print Server
			192.1 192.1	6 Standard TCP/IP Por 6 Standard TCP/IP Por	t Adobe PDF Con t	verter				
3			192.1	 Standard TCP/IP Por P Local Port 	t Microsoft XPS D	Ocument Wri				
发送至 OneNote			nul:	Local Port	发送至 OneNot	e 2010, OneN				
2010					Brother DCP-15	Contract Contract				
			Ad	d Port De	iete Port	Configure Port				
			Enable	bidirectional support						
			Enable	printer pooling						
Brot	ther DCP-1510 se	ries St								
	4									

Devices (10)	
aiĝimi pro 5G BT5.0 Mous	DESKTOP-0L588 FX2E1727 HECATE GM3 ILIUAWE Mate 10 Imcrosoft Sculpt One by Wacom Surface Type WIN-T8C7P6FFJ
Multimedia Devices (1)	
平安会议平板 Printers (13)	Brother DCP-1510 series Properties Color Measurement Security Device Settions X Available port types: Adobe PDF Port Monitor
8	Least Optimization Confidence and Co
Adobe PDF Adobe PDF Converter	F DCP Microsoft XPS OneNote OneNote for Print Server TSC TDP-, DCP New Port Troze. New Port. Cancel
送送至 OneNote 2010	Image: Sundard TCP/P Port Adobe PDF Converter Image: Sundard TCP/P Port Image: Sundard TCP/P Port I
Brother DCP-1510	Crable bidirectional support Crable printer pooling
Pro 5G BESO Mouse DESC dia Devices (1) IRVFEE (13) P DF Adobe PDF Converter DCP-1510 series S Brother DCP-1510 series S	
平安会议平板 ~ Printers (13)	Color Management Security Device Settings General Security Device Settings Advanced Settings Color Management Security Co
Adobe PDF Adobe PD Converte	Print to the following port(s). Documents will print to the first free checked port. Print to the following port(s). Documents will print to the first free checked port. Print to the following port(s). Documents will print to the first free checked port. 0F Port Description Printer Microsoft XP5 Ocument Writer OneNote for Ustagoz US8 gltXJTEIPINGEL Print Server TSC TDP-245 TSC TTP-2i
交通 改進至 OneNote 2010	Add Port. Delete Port Configure Port.
Brother DCP-1510	Deeles S

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:

t Server Confin Teal	0	
	Info Device Parameter Network Config Firmware Upgrade Reboot	
ake print sharing easy and free		
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

	🥑 P	rinter	
	🤝 N	ot 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 54 54 (P 080)	5:33 PM 😡 🕿 🍋 🚥	(HC) (Price in C # 2	3.34 PM 2 2 2	\$ AM AM \$. CED
PrinterShare Premium		Nearby Printers		Nearby Printers	
	31	Print Server DC:0D:30:C8:EF:6E	~	Print Server DC:00:30 CB:EP:6E	~
Pictures Contacts	Calendar				
Fictures connects	Coloriour				
					_
Select Printer				Suser Action Rec	quired
(()) Nearby WiFi				We did not find drive printer. Please select	er for your t it manually.
Nearby Bluetooth				Note: You may also	share the
P Direct USB Connecte	ed P			printer with our soft	ware from Windows, or
Google Cloud Print				built-in Printer Shari	ng on Mac.
PrinterShare Remote				Cancel	Select Manually
Print Server	Select	Scanning Nearby Bluetooth	Scan for printers	Found Printers (1) Nearby Bluetooth	Scan for printers
= 0	<	= 0	<	Ξ 0	<
				\sim	
5:34 PM 🖸 😒 🗾 🚥	\$ #1 #1 \$ @	5:36 PM 💽 😂 🦲 🚥	* 311 31 4 60		
📚 Nearby Printers		Print Preview)	
Bluetooth Printer	 ✓ 				
DC:0D:30:C8:EF:6E		-			
		B PRINTERSHARE* - Test Page			
Congratulations! Your pr					
configured and ready.	inter is	PrinterShare			
configured and ready.	inter is	PrinterShare Print job has been sent	to the		
Configured and ready. We recommend you to page to make sure the p	inter is print test printing is	PrinterShare Print job has been sent printer	to the		
We recommend you to page to make sure the p working correctly and you	inter is print test printing is pu get the	PrinterShare Print job has been sent printer Report a problem	to the OK		
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	PrinterShare Print job has been sent printer Report a problem	to the OK		
configured and ready. We recommend you to page to make sure the p working correctly and you results you expect.	inter is print test printing is pu get the Print Test Page	PrinterShare Print job has been sent printer Report a problem	to the OK		
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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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۵ <u>Download</u>	Mobile	WebPrint	Help	<u>Newsgroup</u>	Live Help 💽 Company	<u>Twitter</u>
Why PrinterShare? How it works Payment Options Privacy Policy. Restricting Access Erequently Asked Questions Windows Remote Computer-to-Computer printing Automation & Security FAQ MacOS MacOS FAQ Printing from MacOS Android	Mobile 1. <u>Printer</u> 2. <u>Printer</u> 3. <u>Googl</u> 4. <u>Printin</u> 5. <u>Printin</u> 6. <u>Printin</u> 7. <u>Printin</u> 8. <u>Printin</u> 9. <u>Troubl</u> 10. <u>FAQ</u> 11. <u>Passw</u>	E-Specif Share Free Share Premiu a Cloud Print g to standalon g to standalon g via an interm g over the Inter g via USB eshooting cord reminder	ic Top m <u>e Wi-Fi pri e Bluetoot</u> nediate PC	inters h.printers : (LAN)		
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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?

Managa 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 O LPR
Printer properties	Port Description Printer ^ 2 192.16Standard TCP/IP Port Brother DCP-1510 series	Raw Settings Port Number: 9100
Hardware properties	□ 192.15	LPR Settings Queue Name:
Get help	Deskto Adobe PDF Docum Adobe PDF 3	LPR Byte Counting Enabled
	Add Port Delete Port Configure Port	Community Name: public
	Enable bidirectional support Enable printer pooling	SNMP Device Index: 1

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:

and Devices and Printers									
\leftarrow \rightarrow \checkmark \uparrow 🖓 « Hardware and Sound \rightarrow De	evices and Printers v ひ	Search Devices and P 🔎	٩						
Add a device Add a printer See what's prin	nting Print server properties	» 🖬 🔻 💡	0						
V Printers (5)			^						
See what's printing Set as default printer Printing preferences			Brother HL-L2340	D Printer Offline			-		×
Printer properties			Connect	Status	Owner	Pages	Size	Submitted	~
HL-L2340D series Create shortcut	Document Writ	er OneNote 2016	✓ Set As Default Prin	ter					
Vunspecified (2			Printing Preferenc	ES					
Troubleshoot			Sharing						
Properties			V LL Dit Off						- 1
Brother HL-L2340D series Printer	State: 🕑 📥		Use Printer Offline	2 Disable	the "Use Pr	inter Offline	20		
	Model: Brother Laser Type1 Cli Category: Printer	iss Driver	Properties 589 × 220						>

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:

Device Info Cevice Tare Cevice Tare Reserved Reserved Reserved Reserved Reserve Reserve Reserve Reserve Reserve Reserve Reser	DYALTY -SECU In the second free	nfo Device Paramete	r Network Config Firmware Upp	rade Reboot	ÐN	
Derice Name Recorrect Reco	Device Info					
Nedwar Versin Softwar Versin Runnig Tine Network Strift MC Lofe WIT Job 40 Rearve USB Torts of Print Server USB 1 USB 1 USB 2	Device Name			Reconnect	Refresh	
schwar trean Running Tine NAC Infe With Infe 40 Remnet USB Furts of Phot Server USB 1 USB 2 USB 2	Hardware Version					
Runne Tine Network Mo McLink McLink McLink McLink USB Parts of Print Server USB 1 US	Software Version					
Network Stric Mc Dels With Teols 40 Rearine USB Texts of Print Server USB 1 USB 2 USB 3	Running Time					
NAC be6 Wh be6 40 Remvel USB Parts of Prot Server USB 1 USB 2 USB 2 USB 3	Network Info					
wit bels 40 Reament USB Parts of Proc Server USB 1 USB 2 USB 3	MAC Info					
40 Rearve VISB Ports of Print Server USB 1 USB 1 USB 2 USB 2 USB 3	WiFi Info					\smile
USB Florts of Prot Server USB 1 USB 2 USB 3	4G Reserve					1
681 682	USB Ports of Print Server					
U62 U63	11581					
U582 U583						
U883	US82					
U583						
	US83					

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							-
LOYALTY -SECU make print sharing easy and free	Info	Device Parameter	Network Config	Firmware Upgrade	Reboot	8	N
Wired/WiFi Network Config							
1. Wired Network Config		- [
Obtain an IP Add	ress	2. Obtain an IP Add	r via DHCP	~			
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:

HP LaserJet 1020 Propert	ies		
eral Sharing Ports A	dvanced Color Managemen	t Security 配置	
HP LaserJet 102	20		
rint to the following port hecked port.	(s). Documents will print to	the first free	
Port	Description	Printer	^
COM4:	Serial Port		
FILE:	Print to File		
WSD-3be1f116-096d-	WSD Port		
192.168.1.128	Standard TCP/IP Port	HP LaserJet 1020	
PORTPROMPT:	Local Port	Microsoft XPS Docu	
IR	Local Port		~
<		>	
Add Port	Delete Port	Configure Port	
Enable bidirectional su	pport 🕕 🤇 Cancle thi	s option	
Enable printer pooling			
Terre bunter beening			
<u> </u>			

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	Vodafone Camera 	13
btain an IP Address	Voidafone-WiFi nacou privatiness	
Addr	192.168.1.20	
ubnet Mask	255.255.255.0	
ateway	192.168.1.1	
ONS 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).