

80 Thermal Printer Instruction Manual

Version History

Date	By	Changes	Version
2024/3/5	Nansy	Installation, Tool guide	1.0

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Overview

This document introduces the installation and configuration instructions for 80 printers on Windows, Linux, macOS, and Android systems, as well as the usage guidelines for the Windows tool POS Printer Test V3.8.

Please read this manual before using the printer.

1. Introduction to printer functions

1.1. Print self-test page

Turn off the printer, press and hold the "FEED" button and turn on the printer power. After the (ERROR) light and (PAPER) light flash at the same time, release the "Feed" button. The printer will automatically print a self-test page.

1.2. Printer enter hexadecimal

Turn off the printer, press and hold the "FEED" button and turn on the printer. After the (ERROR) light and the (PAPER) light flash twice at the same time, release the Paper Feed button. "Hexadecimal Dump" is printed on the first line of the paper when it comes out of the printer. This indicates that the printer has entered hex dump mode. Note: Press the (FEED) key once to return to standard mode.

1.3. Printer initialization

Turn off the printer, press and hold "FEED" button and turn on the printer. After the (ERROR) light and (PAPER) light flash three times at the same time, and the buzzer alarms at the same time, release the "FEED" button. At this time, the printer has been initialized and restored to factory setting.

2. Windows tool POS Printer Test V3.8

2.1. Introduction to main interface

The screenshot shows the main interface of the POS Printer test V3.8 software. The interface is divided into several sections:

- Port Select (1):** Radio buttons for LPT, COM, USB (selected), and NET.
- Printer Type (2):** Radio buttons for POS-58, POS-76, and POS-80 (selected).
- LPT Settings (3):** A dropdown menu showing LPT1.
- COM Settings (4):** A dropdown menu showing COM14, a text field for 19200, and a dropdown for RTS.
- NET Set (5):** A section for network configuration with fields for Local IP, Printer IP, New IP, and New ID, and buttons for Refresh, Auto Set Ip, DHCP Open, Connect, Ping, DHCP Close, Set New IP, NetMonitor, and New ID.
- Content (6):** A section for content configuration with checkboxes for NO., Rep: (1), HEX, Clear, AutoSend (9), Cyc (500), and CutPaper.
- Print Queue (8):** A large text area displaying the message: "Welcome to use the impact and thermal printer manufactured by professional POS receipt printer company!".
- Print Buttons (10-18):** A vertical column of buttons on the right side: Print, Cut Paper, Open cash drawer, Traditional, Driver Print, Print self test page, Restore factory, Advanced, and 中文简体.
- Footer:** A logo for POS printer test tool V3.8, a date/time stamp (2024-03-05 12:00:49), and a status bar (Status Bar: Real-time display of print status!).

2.1.1. Communication port selection:

Communication interface of printer: 4 options of parallel port, serial port, USB port and Ethernet Port.

2.1.2. Printer selection:

Printer types are classified into POS-58, POS-76 and POS-80 based on paper size.

2.1.3. Parallel port setting:

Parallel port setting Set the parallel port number to match the communication with the computer.

2.1.4. Serial port setting:

Serial port setting Configure serial port settings such as port number, baud rate, and flow control.

2.1.5. Ethernet Port Settings:

Change the IP address of the Ethernet Port printer through the Ethernet Port settings.

"Local IP"--- refers to the actual IP address of the computer, which can be obtained by clicking the "Refresh" button or manually adding the IP address.

"Printer IP"--- refers to the current IP address of the printer. Its detail information can be viewed in the printer's self-test page, which is only applicable to Ethernet Port printers.

"New IP Address"--- refers to the desired IP address to be assigned to the printer (the printer's IP address should be in the same network segment as the computer's IP address for communication to take place).

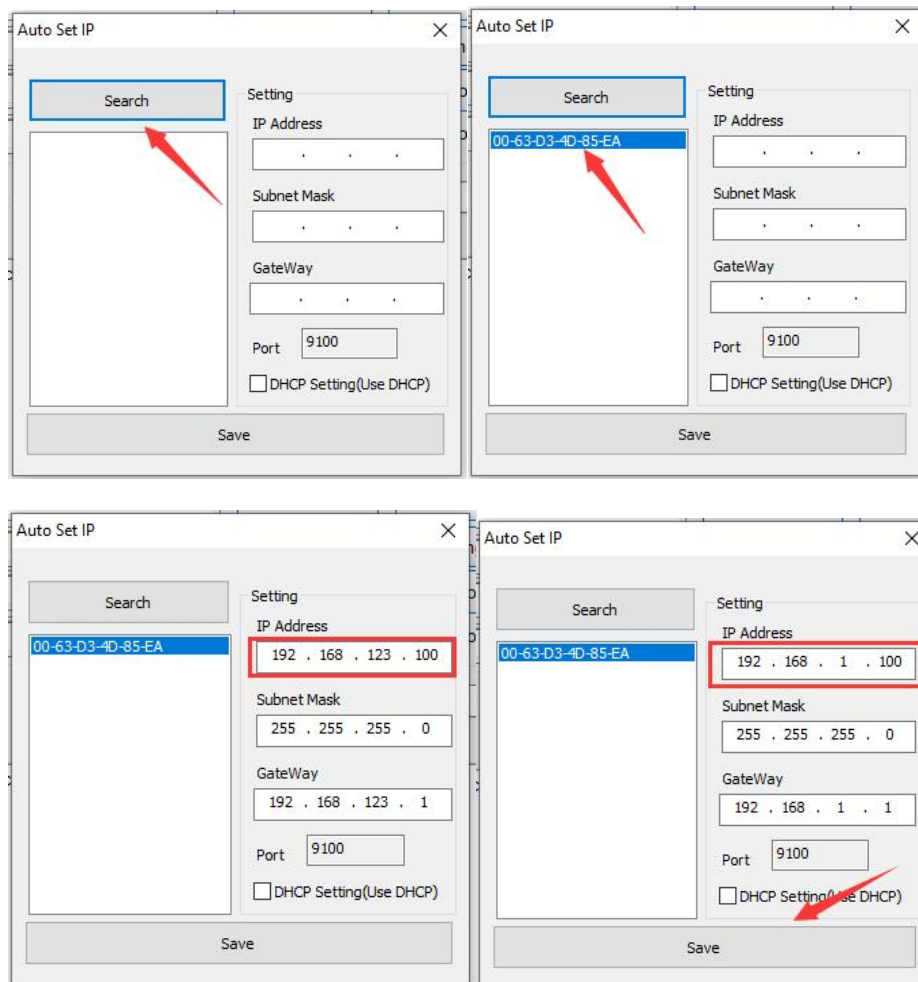
"New ID Address"--- refers to the desired ID address that the printer should be changed to (the printer's ID address must be unique within a network).

Ethernet Port settings can be configured through a HUB, SWITCH, or sometimes cannot be changed through a ROUTER. Alternatively, refer to the PDF instructions in the "IP Address Modification and Other Functions" folder on the CD for other methods of setting up.

"Auto Set IP"--- refers to the functionality that allows for modifying the printer's IP address across network segments.

The method for changing the printer's IP address across network segments is as follows:

- (1) Click the "Auto Set IP" button to enter the settings interface.
- (2) In the settings interface, click the "Search" function. It will display the MAC address of the connected printer. Double-clicking the printer's MAC address will show the printer's current IP address and other information. Modify the IP address and click the "Save" button. The printer will emit a "beep" sound, indicating that the printer's IP address has been successfully modified.



"Network Monitoring"---refers to the ability to monitor the printer's status through the network.

"DHCP On"---enables DHCP functionality.

"DHCP Off"---disables DHCP functionality.

2.1.6. Times:

The number of repetitions for printing test content.

2.1.7. HEX:

When selected, only hexadecimal data can be entered in the print content for data transmission (primarily used for sending commands to the printer).

2.1.8. Print content:

Edit the content to be printed here, and the data can be sent to the printer by clicking the "Print Test" button.

2.1.9. Auto Send, cycle, paper cutting:

"Auto Send"---When checked, the software will automatically send the data from the Print Content field to the printer

2.1.10. Print:

Prints the information and data in the "Print Content" edit box.

2.1.11. Paper cutting:

Test the paper cutting function.

2.1.12. Opening the Drawer:

Test the cash drawer function.

2.1.13. Traditional Chinese Test:

It is used to test print traditional fonts.

2.1.14. Driver printing:

Use the installed Windows driver to test printing. If the information can be printed, it indicates a successful installation.

2.1.15. Print self-test page:

Print self-test page function.

2.1.16. Restore factory settings:

Restore the printer to its factory settings.

2.1.17. Advanced:

Click the "Advanced" button to access more functions for printing tests. Detailed instructions are provided below.

2.1.18. English:

It is used to switch between the software's Chinese and English language interface

2.2. Description of "Advanced" Settings

Click the "Advanced" button in the main interface to open the following interface:

The screenshot shows the 'Advanced' settings window with the following numbered callouts:

- 1: H Parameter Settings
- 2: Code page Settings
- 3: NV Logo Test
- 4: Barcode Printing test
- 5: P76 Buzzer Settings
- 6: P76 Density Settings
- 7: P80 Black sens
- 8: baud rate settings
- 9: DIP Settings
- 10: 2D Barcode test
- 11: Net Settings
- 12: USB MODE Settings
- 13: USB port settings
- 14: Black Mark Settings
- 15: File data send
- 16: Cut With Beep
- 17: Width Settings
- 18: Close lid cut paper
- 19: Density Settings
- 20: Sound and light alarm
- 21: Language settings
- 22: Replay settings
- 23: Queuing settings
- 24: InputBox Codepage
- 25: Program upgrade

2.2.1. Dot Matrix Settings:

It is mainly used for adjusting the clarity of the 76 series dot matrix printer. Click "Print H Rows" to print sixteen groups of H letters ranging from 0 to F. Then select the clearest group and use "Set Delta Value" to adjust it.

2.2.2. Set the default code page:

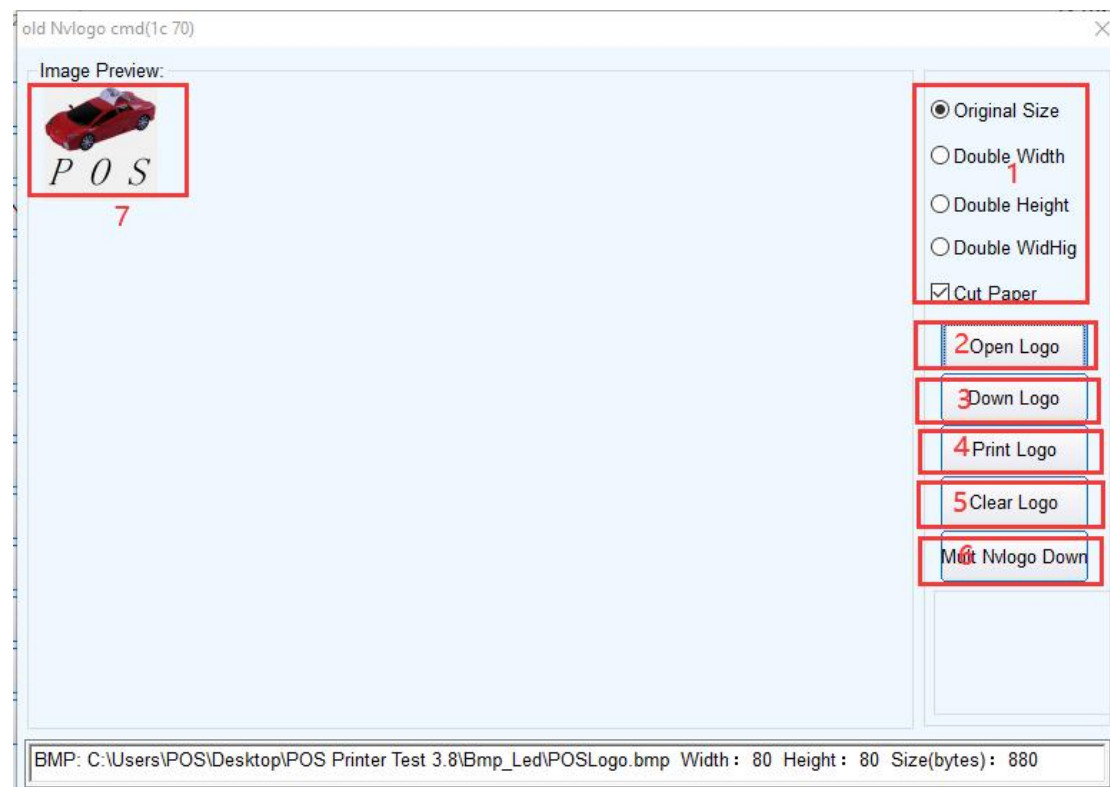
This setting is used to change the printer's default code page. The image below shows some code pages for the 80 series machines.

Code Page:		
0:PC437(Std.Europe)	1:Katakana	
2:PC850(Multilingual)	3:PC860(Portugal)	
4:PC863(Canadian)	5:PC865(Nordic)	
6:(West Europe)	7:Greek)	
8:(Hebrew)	9:East Europe)	
10:(Iran)	16(WPC1252)	
17:PC866(Cyrillic#2)	18:PC852(Latin2)	
19:(PC858)	20:(IranII)	
21:(Latvian)	22:(Arabic)	
23:(PT1511251)	24:(PC747)	
25:(WPC1257)	27:(Vietnam)	
28:(PC864)	29:(PC1001)	
30:(Uigur)	31:(Hebrew)	
32:WPC1255(Israel)	255:(Thai)	

Simply choose the desired code page from the "Set Code Page" column and click "Set Code Page" to apply the setting. After setting, you can also click "Print Code Page" to view the configured code page.

2.2.3. NV logo demonstration:

Click "NV Download" button to pop up the following menu:



2.2.3.1. Print NV LOGO Size Requirements and Paper Cutting Function Selection.

2.2.3.2. Opening LOGO:

Click to select the picture in BMP format or LOGO file to print.

2.2.3.3. Download LOGO:

After clicking the button, download and open the content of a BMP format file that has been previously opened. It can be printed by clicking "Print NV LOGO".

2.2.3.4. Print LOGO:

Click the button to finish printing the LOGO picture.

2.2.3.5. Delete LOGO:

Delete the downloaded NV LOGO content.

2.2.3.6. Download Multiple NV LOGOs:

Multiple NV LOGOs can be downloaded at the same time.

2.2.3.7. Display current NV LOGO content

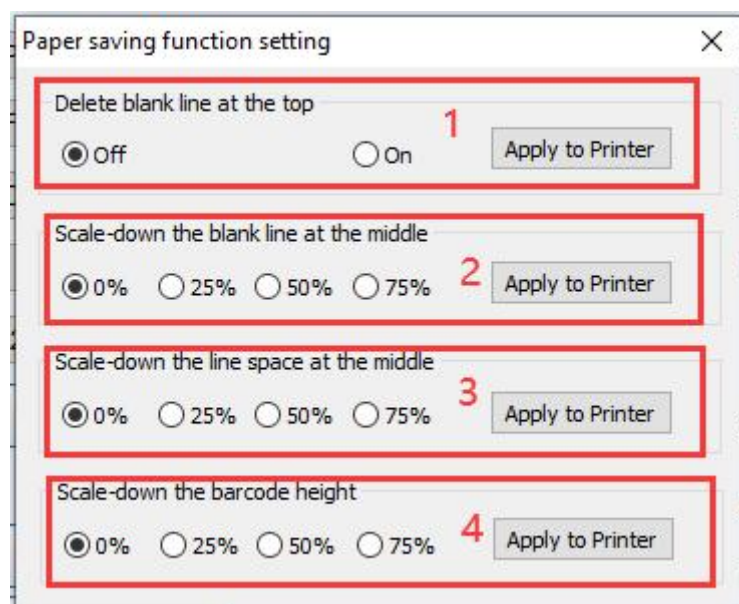
2.2.4. Barcode printing test:

Select various barcode types and barcode heights for test printing. There are nine options for one-dimensional barcode selection.

2.2.5. P76 buzzer setting:

2.2.5.1. Set the buzzer on or off for some of the 76 series machines.

2.2.5.2. Paper saving function configuration:



2.2.5.2.1. Remove Blank Space at the Top of the Bill

Blank Description at the top of the bill: it refers to 0A (line feed) and 20(full line of spaces) at the top of the bill.

When the function is enabled, the 0A line feed and 20 space lines at the top will be removed.

2.2.5.2.2. Compress Blank Lines in the Middle of the Bill

Description of blank line in the middle of the bill: it refers to 0A (line feed) and 20(full line of spaces) in the middle and at the bottom of the bill.

0%: Disable compression of blank lines in the middle.

25%, 50%, 75%: Enable compression of blank lines in the middle based on the selected percentage.

2.2.5.2.3. Compress Line Spacing in the Bill Formatting

Note of ticket line spacing: it refers to the default line spacing (1B 33) and the set line spacing (1B 32 n).

0%: Disable line spacing compression.

25%, 50%, 75%: Enable line spacing compression based on the selected percentage.

2.2.5.2.4. Compress Barcode Height in the Bill

0%: Disable barcode height compression.

25%, 50%, 75%: Enable barcode height compression and compress it based on the selected percentage.

2.2.6. P76 printing density setting:

Adjust the print effect for machines in the 76 series. There are three modes:

LIGHT, NORMAL, DARK.

2.2.7. P80 black mark sensitivity setting:

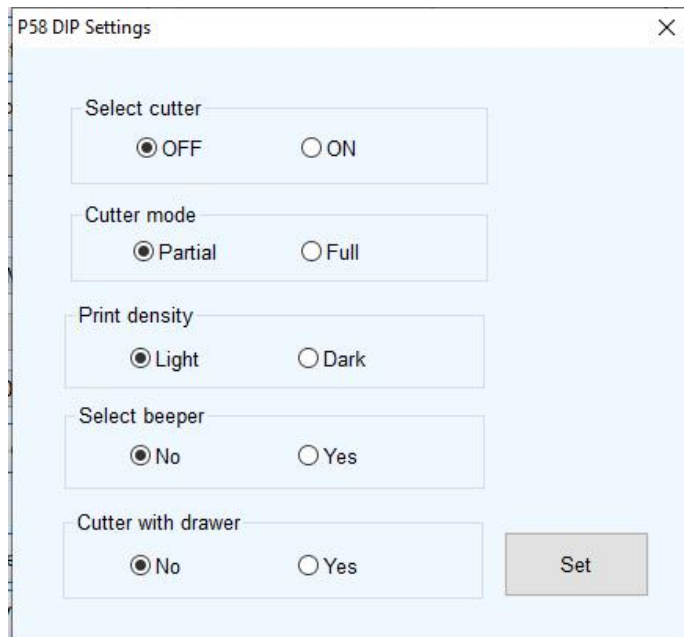
Sensitivity adjustment of the black mark for machines in the 80 series are based on the different degrees of black mark paper. The black mark function setting must be enabled for it to take effect.

2.2.8. Serial baud rate setting: (only for 58 series and P76E)

Different baud rates (e. g. 9600,19200,38400, etc.) can be set

2.2.9. DIP switch setting:

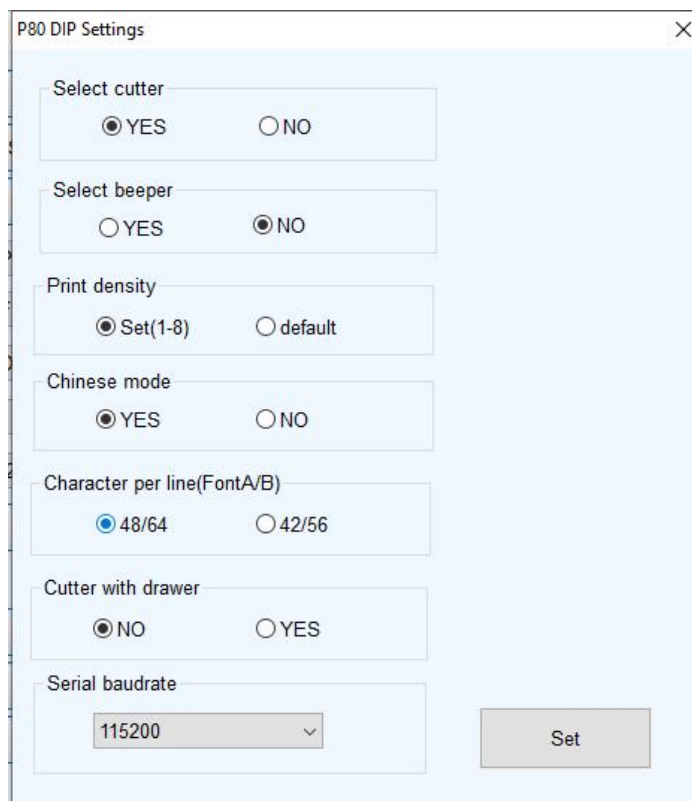
There are 58 series and 80 series available (only for models without DIP switches)



The screenshot shows the 'P58 DIP Settings' dialog box. It contains five groups of radio button settings. The first group, 'Select cutter', has 'OFF' selected. The second, 'Cutter mode', has 'Partial' selected. The third, 'Print density', has 'Light' selected. The fourth, 'Select beeper', has 'No' selected. The fifth, 'Cutter with drawer', has 'No' selected. A 'Set' button is located at the bottom right of the dialog.

Setting	Selected	Other Option
Select cutter	OFF	ON
Cutter mode	Partial	Full
Print density	Light	Dark
Select beeper	No	Yes
Cutter with drawer	No	Yes

(58series)



The screenshot shows the 'P80 DIP Settings' dialog box. It contains six groups of settings. The first, 'Select cutter', has 'YES' selected. The second, 'Select beeper', has 'NO' selected. The third, 'Print density', has 'Set(1-8)' selected. The fourth, 'Chinese mode', has 'YES' selected. The fifth, 'Character per line(FontA/B)', has '48/64' selected. The sixth, 'Cutter with drawer', has 'NO' selected. The 'Serial baudrate' is set to '115200' in a dropdown menu. A 'Set' button is located at the bottom right of the dialog.

Setting	Selected	Other Options
Select cutter	YES	NO
Select beeper	NO	YES
Print density	Set(1-8)	default
Chinese mode	YES	NO
Character per line(FontA/B)	48/64	42/56
Cutter with drawer	NO	YES
Serial baudrate	115200	(dropdown menu)

(80 series)

2.2.10. QR code test:

Edit and test printing of QR codes

two dimensional barcode test

Error level selection(07%-30%)

Error correction level:
7%

amplification:
7
(1-16)

Generated QR code image

Welcome pos test

Edit QR code content

Click to exit the interface

Cut paper after printing

clear the content of the edit bar

Generate editing content

Click to send and point

Back

☐ Cut

Clear

Generate

Send Data

2.2.11. Network settings:

It is divided into "Network Settings" and "Bluetooth Settings"

Net Settings

Net Settings

IP Address: 192 . 168 . 2 . 78 SetIPAddr

NetMask 255 . 255 . 255 . 0 SetNetMask

GateWay 192 . 168 . 2 . 1 SetGateWay

Set above contents

WIFI Settings

SSID: Printer001

WIFI Key Printer001

Key Type WPA2_AES_PSK

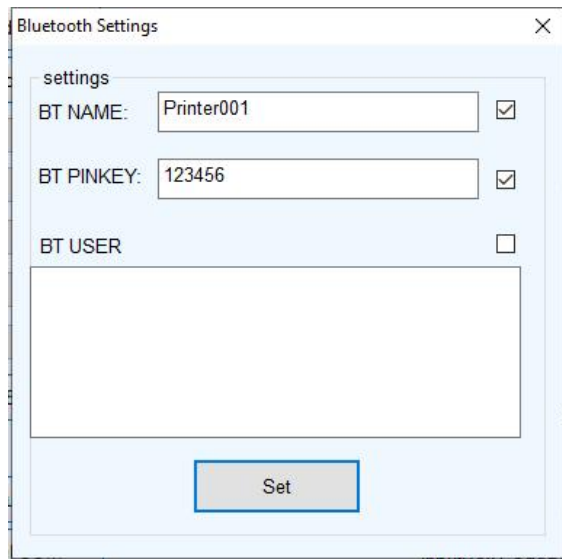
Set above contents

WIFI CMD: CMD Set

Set All

Return

(Network Setting)



(Bluetooth Setting)

2.2.12. USB mode setting:

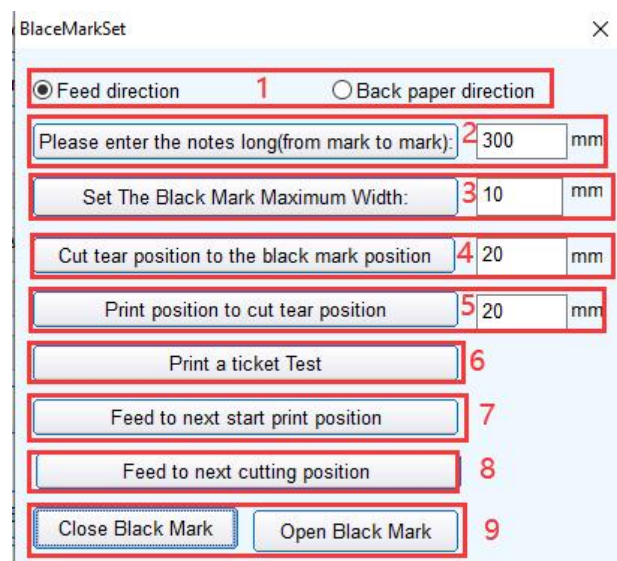
Settings for the printer's USB interface mode, including USB Printing and Virtual Com, which can switch the USB mode of the printer according to the requirements of customer. For detailed instructions, refer to the "USB Port and Virtual Com Switching Installation Instructions" file in the "IP Address Modification and Other Function Instructions" folder.

2.2.13. USB port setting:

Switch between fixed or random USB port numbers.

2.2.14. Black mark setting:

Settings for special papers with black marks.



2.2.14.1.Offset for paper feeding direction, offset for paper retracting direction

Select the direction of data calculation when setting the position for cutting or tearing the paper. The default value is the paper feeding direction.

2.2.14.2."Please enter the distance between black marks (length of the bill)"

Calculate the center distance between two black marks.

2.2.14.3."Set the upper limit value of black mark width to"

Calculate the actual height value of a black mark.

2.2.14.4."Offset of cutting and tearing position from black mark position"

Calculate the actual distance from the print head sensor to the cutter for cutting the paper.

2.2.14.5."Distance from the cut/tear position to the starting print position"

Calculate the distance from the cut/tear position to the desired starting position for printing.

2.2.14.6."Printing a Bill"

Click to print a bill. In the normal setting, it will automatically advance to the position of a black mark and cut the paper.

2.2.14.7."Paper feed to next start print position"

Click once to feed the paper to the next starting print position without moving and print information to test the accuracy of the cutting position.

2.2.14.8."Paper feed to next paper cutting position"

Click once to feed the paper to the next cut position and cut the paper, mainly to test the accuracy of the cutting position.

2.2.14.9.Disable black mark "and" Enable black mark

The default setting for the printer is not to enable the black mark function. When printing on black mark paper, the black mark function must be enabled before making relevant settings. If the detected black mark position is not accurate after enabling the black mark function, please adjust the "P80 Black Mark Sensitivity" setting in the item 7 of "Advanced" settings.

2.2.15. Send file data:

Click the "Send Data" button, select a .bin format file in the dialog, and after opening it, the printer will print the contents of the file.

2.2.16. Cutter alarm:

Start or disable the alarm function after cutting the paper with the cutter.

2.2.17. Print Width:

Sets the effective width of the print.

2.2.18. Cover Cut:

Set the cover cut mode.

2.2.19. Print Density:

Set the print effect, level 1-8.

2.2.20. Sound and Light Alarm:

Set the mode, paper feeding timeout, and alarm timeout for sound and light alarms.

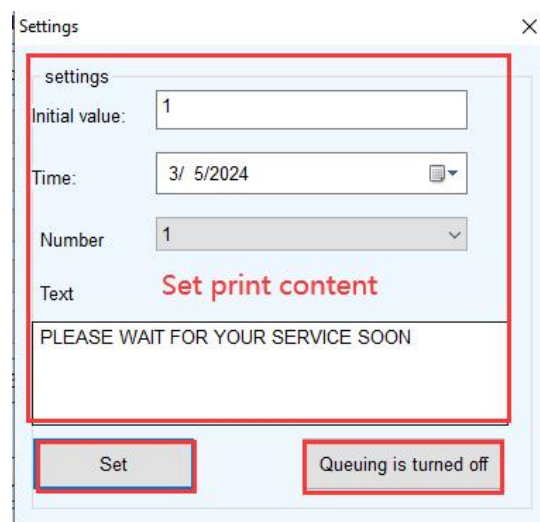
2.2.21. Language settings:

Set the default language (Simplified Chinese, Traditional Chinese, Korean, Japanese).

2.2.22. Reprint Function Settings:

Enable or disable the reprint function.

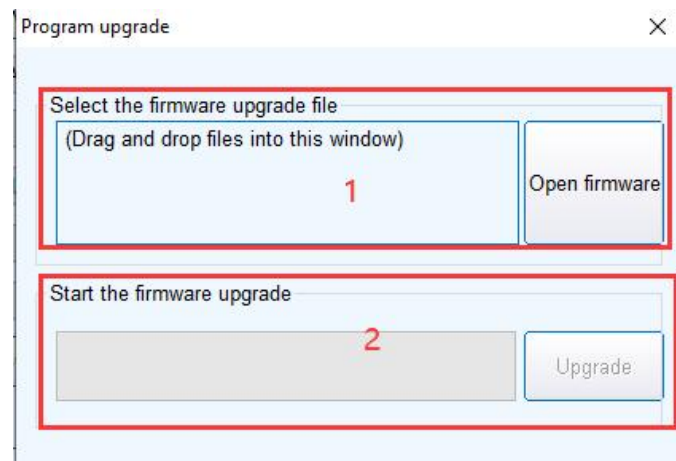
2.2.23. Queue function setting:



2.2.24. Input box code page:

This is responsible for decoding the font of the text box.

2.2.25. Program upgrade:



2.2.25.1. Select File

Drag and drop the file into the window or click the button

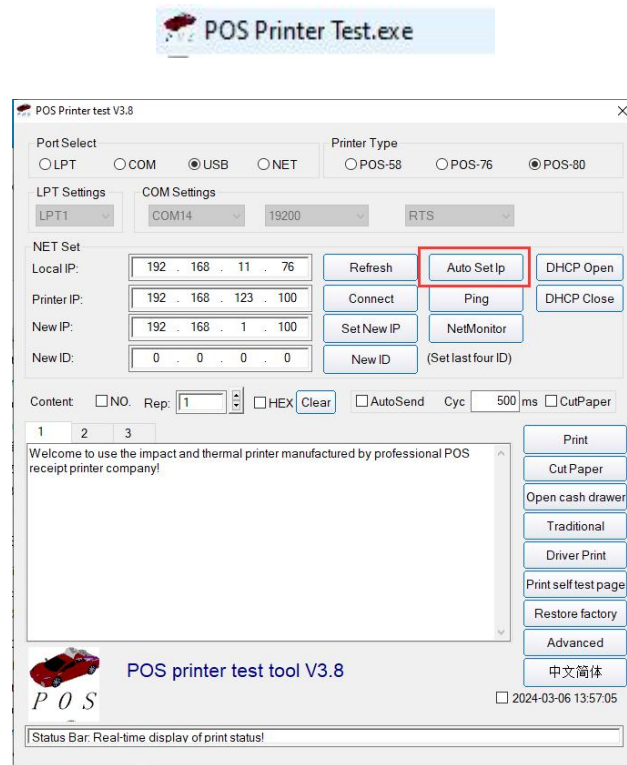
2.2.25.2. Start Upgrade

Click the button to initiate the upgrade. If there is an upgrade exception, please check the interface connection or restart the printer.

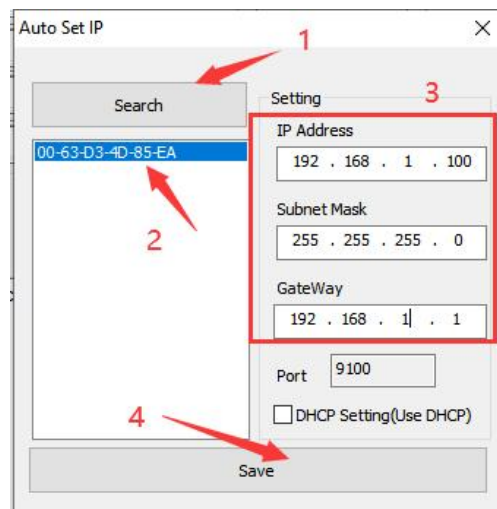
3. Windows System

3.1. Printer LAN Setting

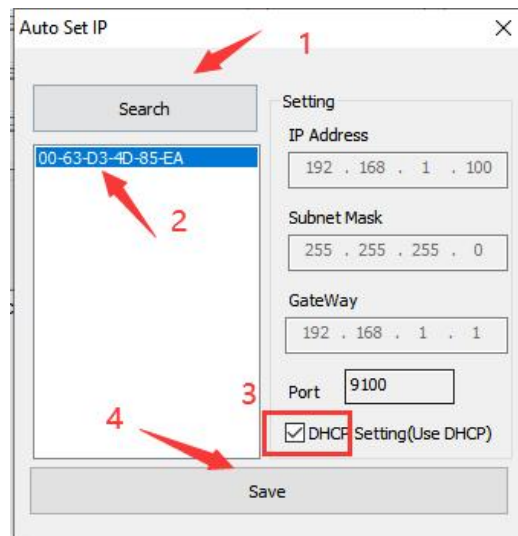
- 1) Turn on the printer and plug the printer into the network cable.
- 2) Open the "POS Printer Test .exe" setting tool and click [Auto set Ip].



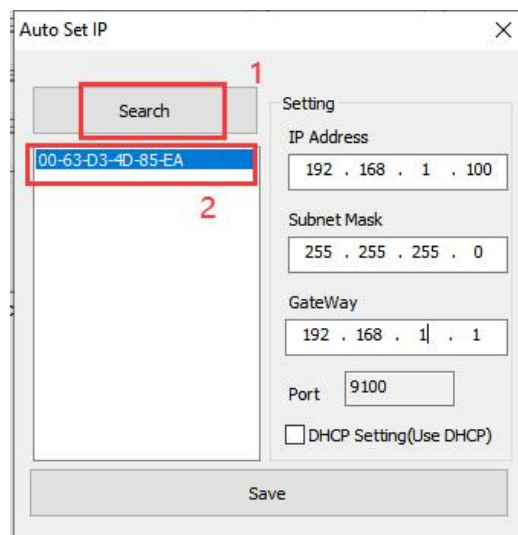
- 3) Click the [Search] button, double-clicking the printer's MAC address, then will show the printer IP information at the right side, then you can change the IP of the printer, as the following.



- 4) If you want to set DHCP, just selected the DHCP, then click “Save”.



- 5) After click “Save”, the printer will restart automatically, then you can check the IP address by research again, or print the self-test page.

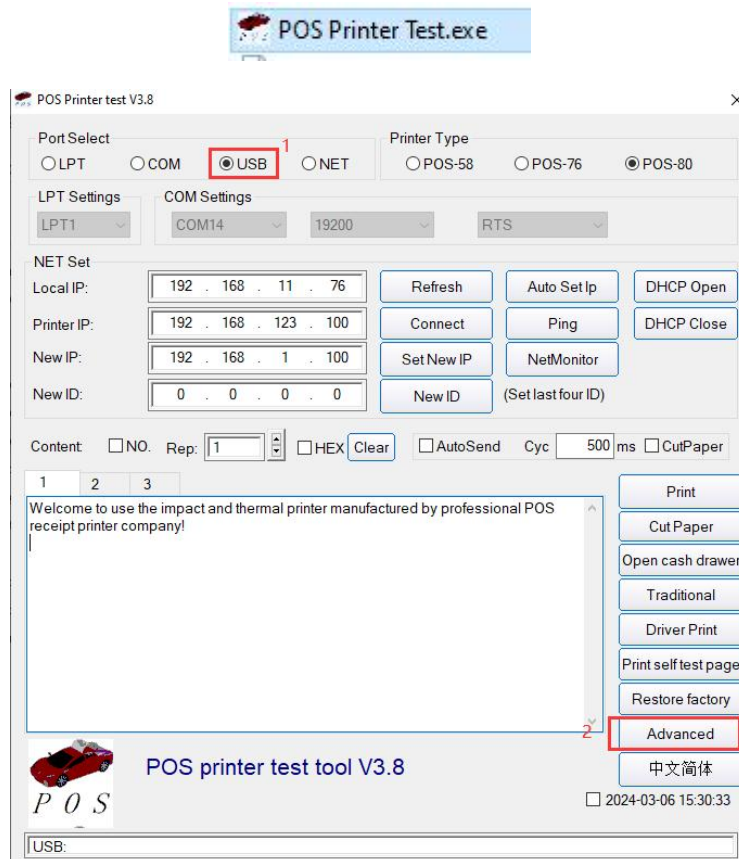


You can print a self-test page to view the printer IP address. Please refer to [1.1](#). print the self-test page

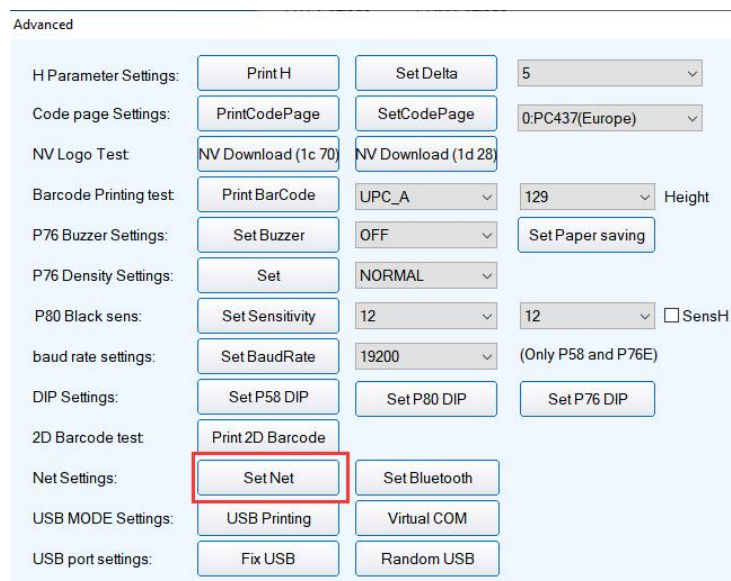


3.2. Printer Wi-Fi Setting

- 1) Printer Power on.
- 2) Connect the printer and computer using USB cable.
- 3) Open the "POSPrinter Test.exe" setting tool select [USB] then click [Advanced]



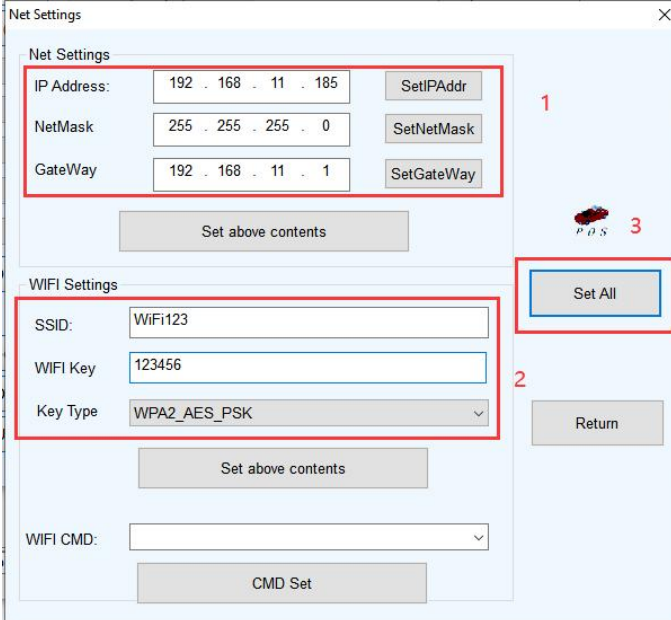
- 4) Click [Set Net]



5) IP Address and Wi-Fi setting

Be careful, the printer IP and computer IP need to be in the same network segment.

After input all the information, then click [Set All].

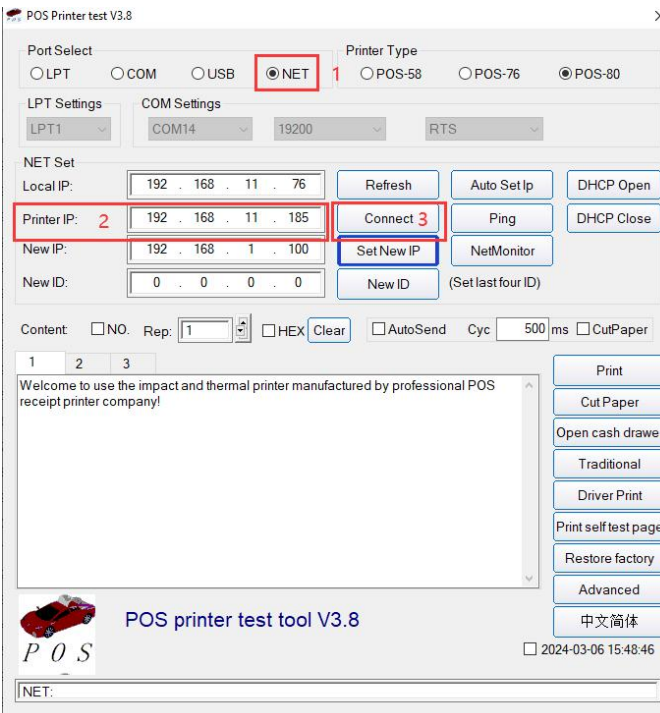


The 'Net Settings' dialog box is shown with the following fields and buttons:

- Net Settings:**
 - IP Address: 192 . 168 . 11 . 185 (with 'SetIPAddr' button)
 - NetMask: 255 . 255 . 255 . 0 (with 'SetNetMask' button)
 - GateWay: 192 . 168 . 11 . 1 (with 'SetGateWay' button)
 - 'Set above contents' button
- WiFi Settings:**
 - SSID: WiFi123
 - WiFi Key: 123456
 - Key Type: WPA2_AES_PSK (dropdown)
 - 'Set above contents' button
- WiFi CMD:**
 - Dropdown menu
 - 'CMD Set' button
- Buttons:** 'Set All' (highlighted with a red box and labeled '2'), 'Return'.
- Annotations:** A red box labeled '1' encloses the IP/NetMask/GateWay section. A red box labeled '3' encloses the 'Set All' button.

6) Test connection status

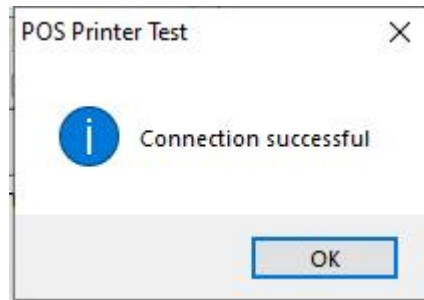
Back to the **Printer test V3.8 main window**, and select NET, input the printer IP address, then click Connect.



The 'POS Printer test V3.8' main window is shown with the following elements:

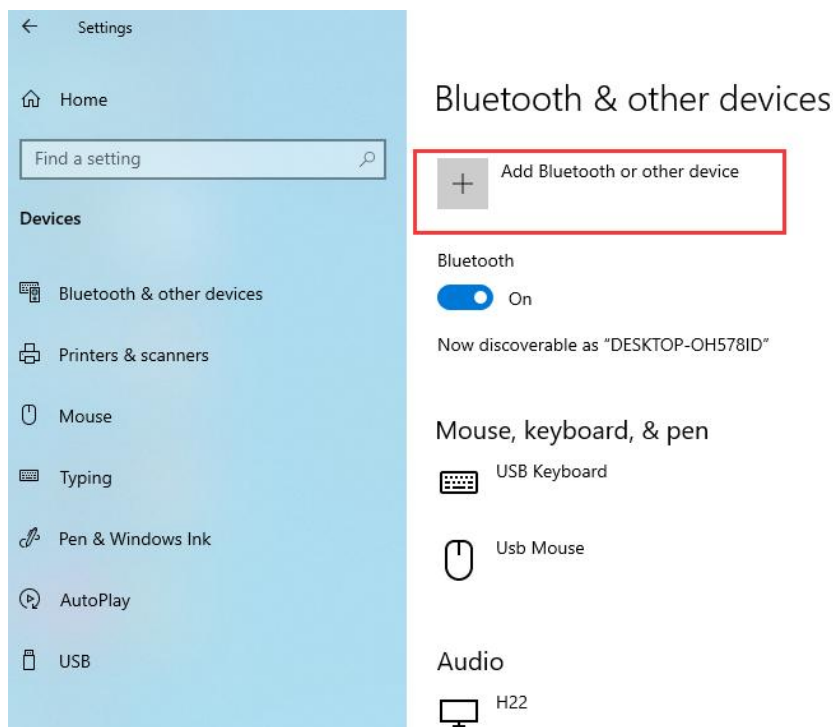
- Port Select:** Radio buttons for LPT, COM, USB, and **NET** (selected and highlighted with a red box and labeled '1').
- Printer Type:** Radio buttons for POS-58, POS-76, and **POS-80** (selected).
- LPT Settings:** LPT1 (dropdown).
- COM Settings:** COM14 (dropdown), 19200 (dropdown), RTS (dropdown).
- NET Set:**
 - Local IP: 192 . 168 . 11 . 76
 - Printer IP:** 192 . 168 . 11 . 185 (highlighted with a red box and labeled '2')
 - Connect:** (highlighted with a red box and labeled '3')
 - New IP: 192 . 168 . 1 . 100
 - New ID: 0 . 0 . 0 . 0
 - Buttons: Refresh, Auto Set Ip, DHCP Open, Ping, DHCP Close, Set New IP, NetMonitor, New ID (Set last four ID).
- Content:** Checkboxes for NO, Rep: 1, HEX, Clear, AutoSend, Cyc: 500ms, CutPaper.
- Buttons:** Print, Cut Paper, Open cash drawer, Traditional, Driver Print, Print self test page, Restore factory, Advanced, 中文简体.
- Footer:** POS printer test tool V3.8, POS logo, date/time: 2024-03-06 15:48:46, and a text field for 'INET:'.

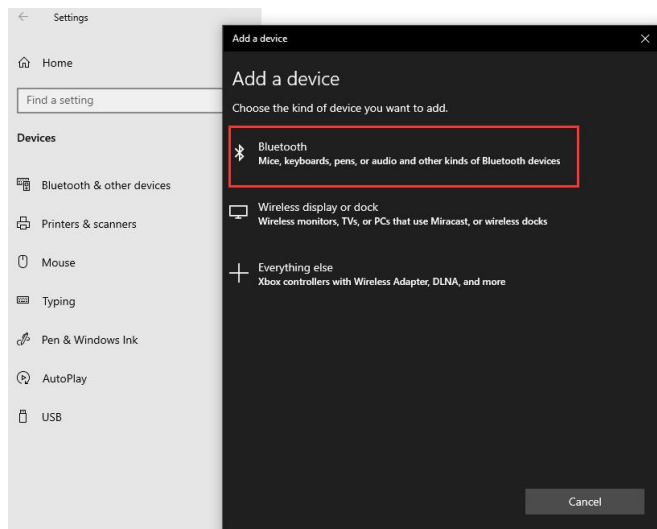
If the configuration is correct, a pop-up window will prompt that the connection is successful.



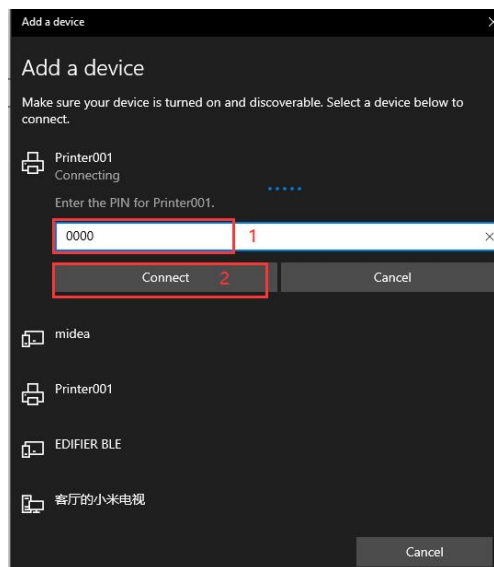
3.3. Printer Bluetooth Setting

- 1) Turn on the printer and computer
- 2) Enter [Settings] → [Devices] → [Bluetooth & other devices] interface, click [Add Bluetooth or other device] and choose [Bluetooth].

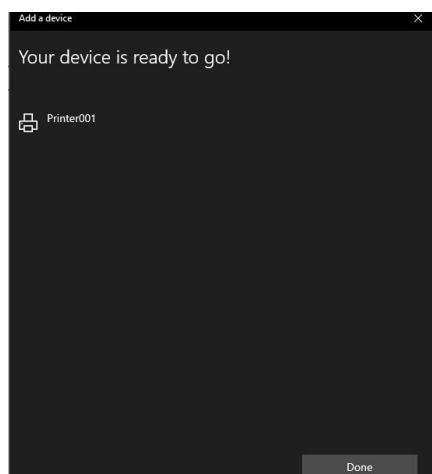




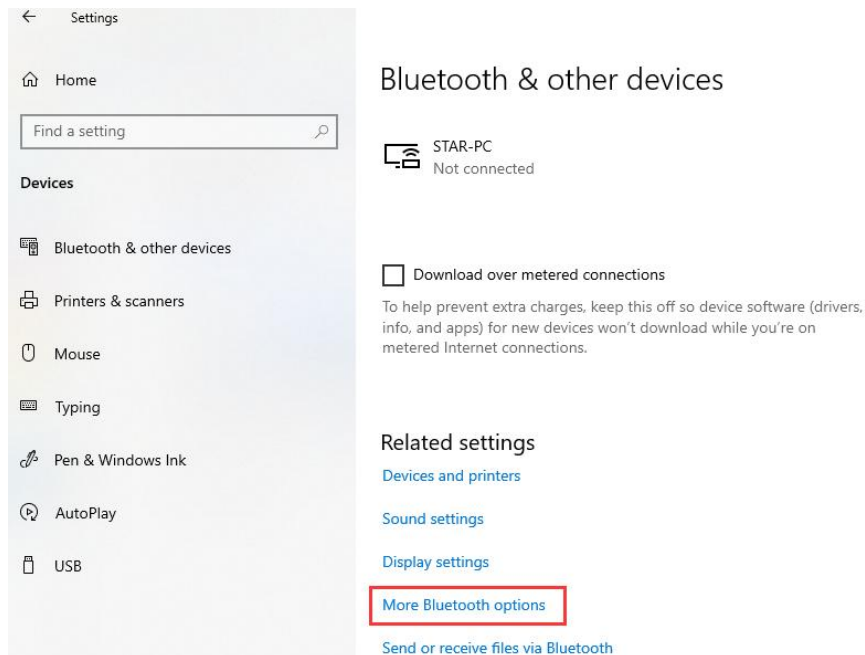
- 3) Click [**Printer Name**] the default name is [**Printer001**], enter the [**PIN**] the default pin is [**0000**] and click Connect



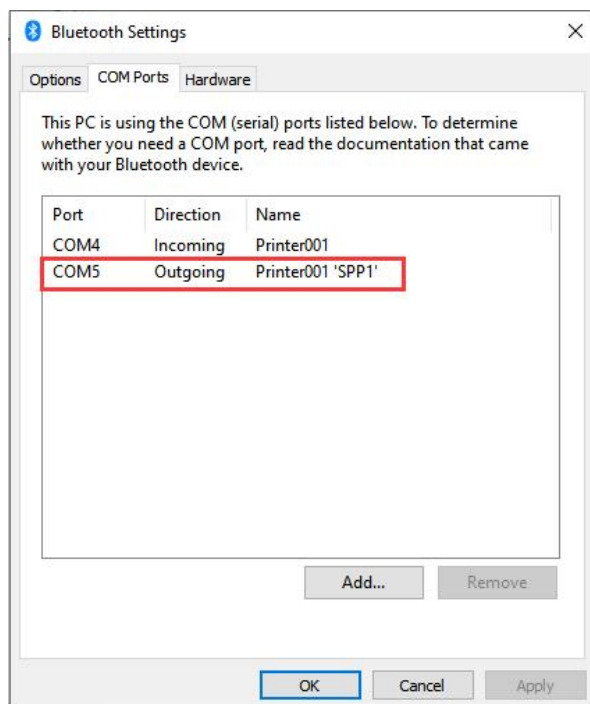
- 4) If the PIN entered is correct, a pop-up window will prompt that the device was added successfully.



- 5) Back to the **[Bluetooth & other devices]** interface, click **[More Bluetooth options]**, enter Bluetooth Settings interface.



- 6) Click **[COM Ports]** to check the Printer Bluetooth ports

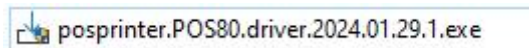


3.4. Installation

If your system is updated, please uninstall the driver before installing it.

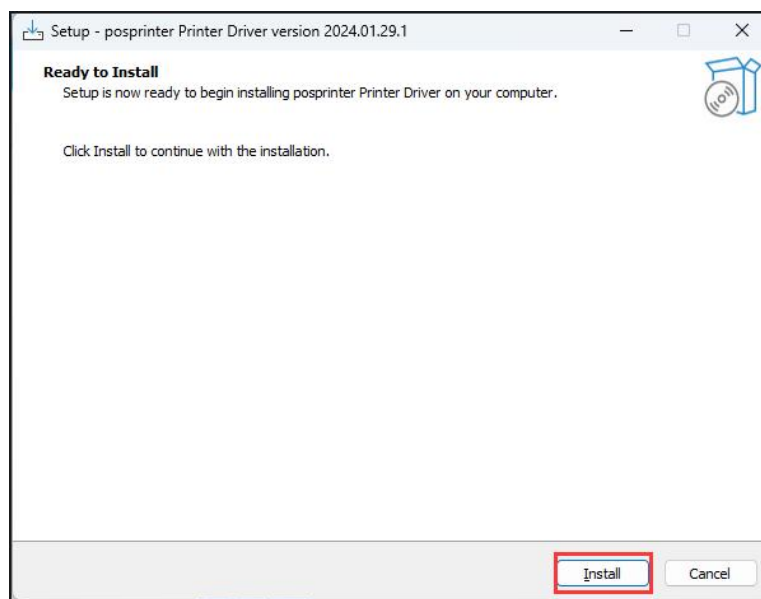
3.4.1. Install Driver

- 1) Run the "**posprinter.POS80.driver.XXXX.XX.XX.1.exe**" installer.

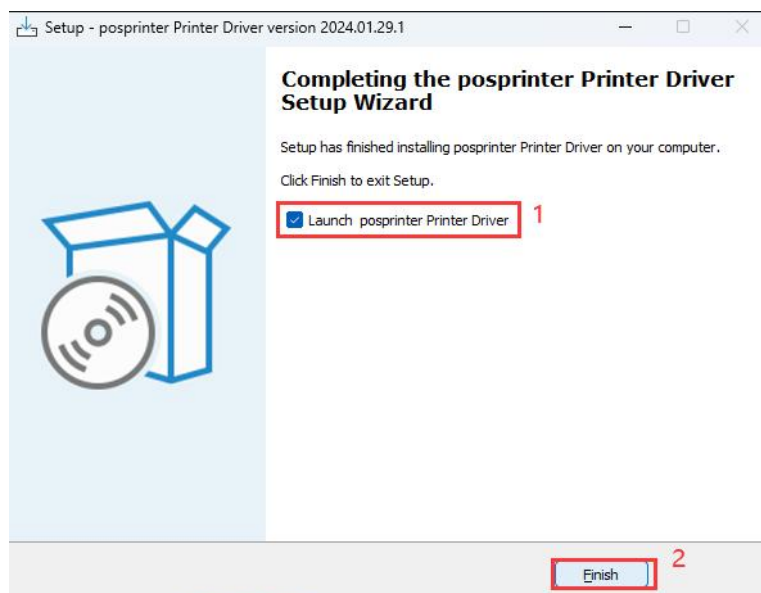


Run as Administrator

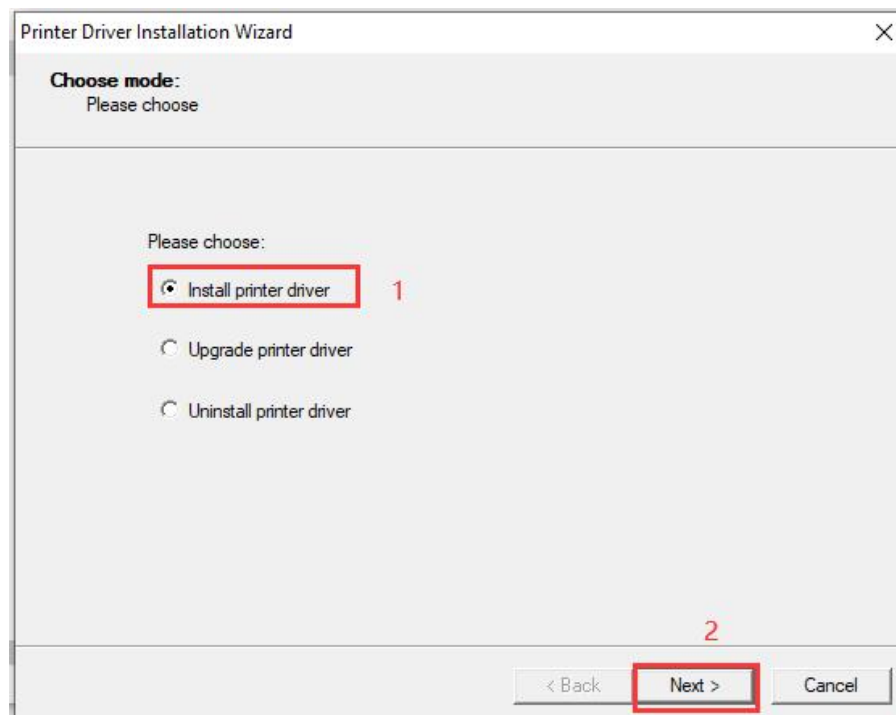
- 2) Click [**Install**]



- 3) Check [**Launch posprinter Printer Driver**] and click [**Finish**]

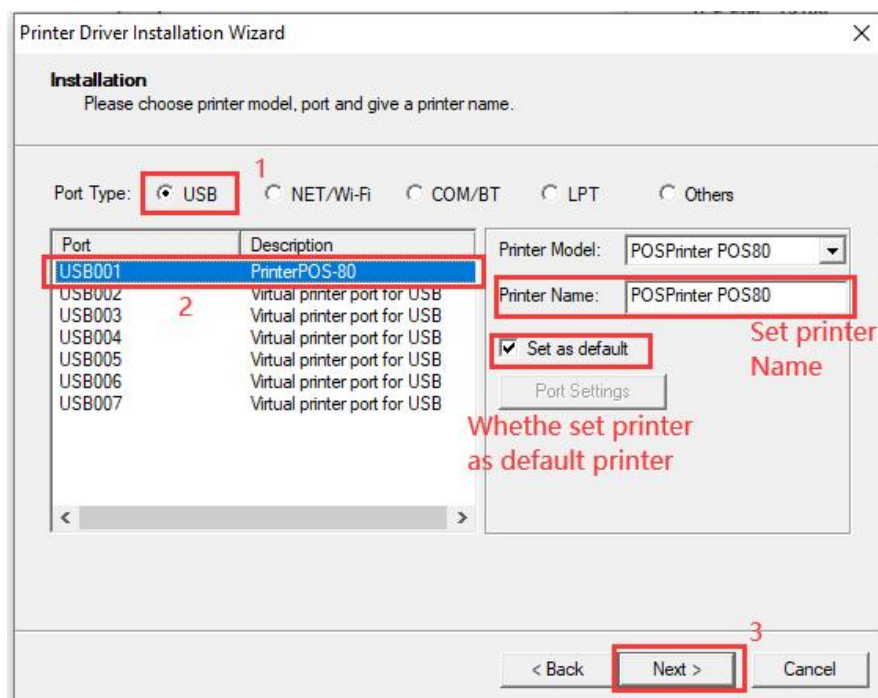


- 4) Select Install printer driver, then click [Next] button.

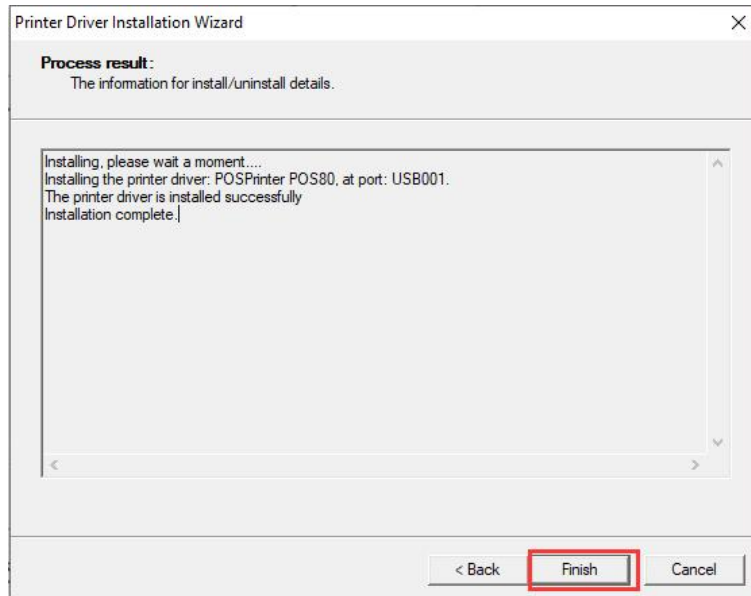


3.4.2. Install Printer Via USB

- 1) Use the USB cable to connect the printer and computer and turn on the printer and computer.
- 2) Select [USB] and the [Port] assigned to the printer, then click the [Next] button

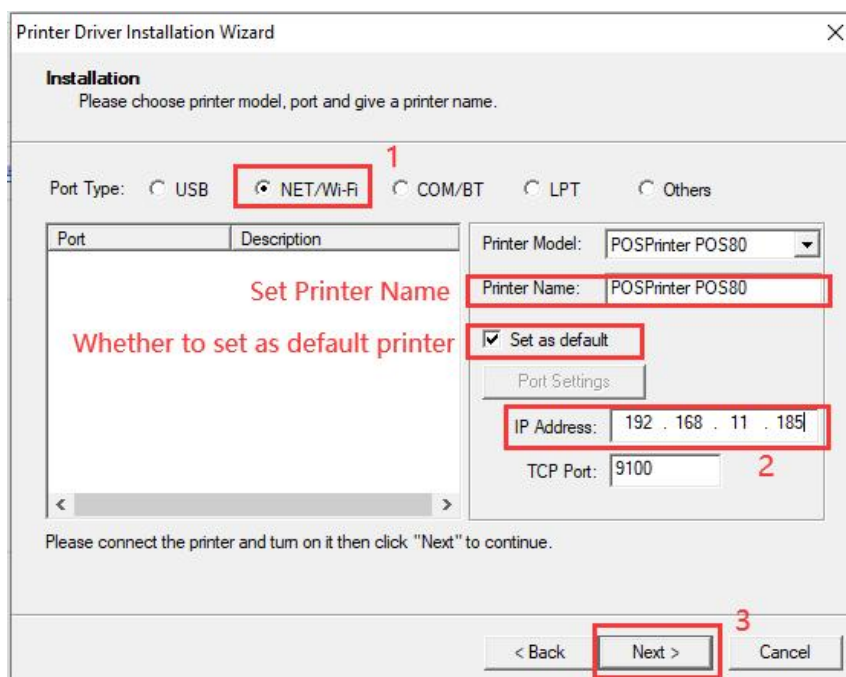


- 3) A successful installation interface will pop up, click the [Finish] button.

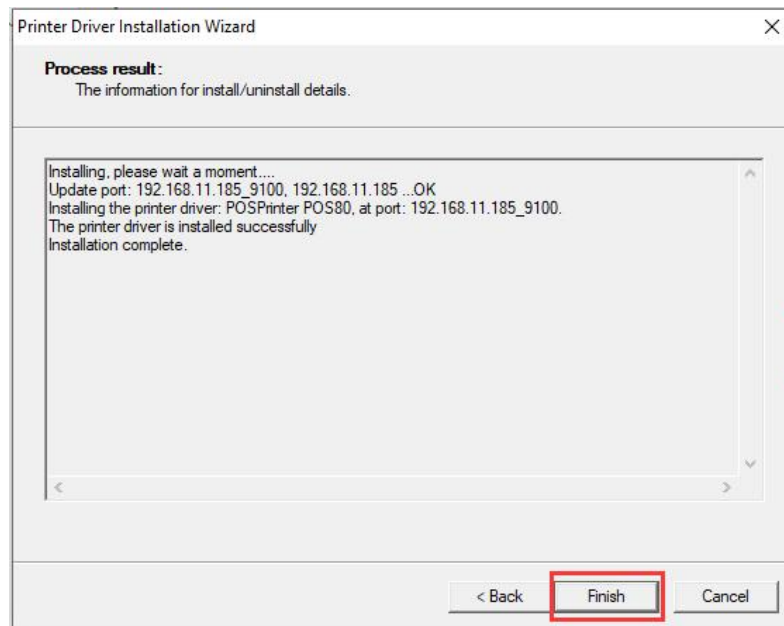


3.4.3. Install Printer Via LAN/Wi-Fi

- 1) Turn on the printer and computer
- 2) Connect the computer to the router using a network cable or Wi-Fi
- 3) Connect the printer to the router using a network cable or Wi-Fi. The printer must be connected to the same network segment as the computer.
- 4) Please refer to [3.1./3.2.](#) Configure the printer LAN/WiFi.
- 5) Select [NET/Wi-Fi], fill in the printer's IP in the IP address, the default port is 9100. Then click [Next] button.

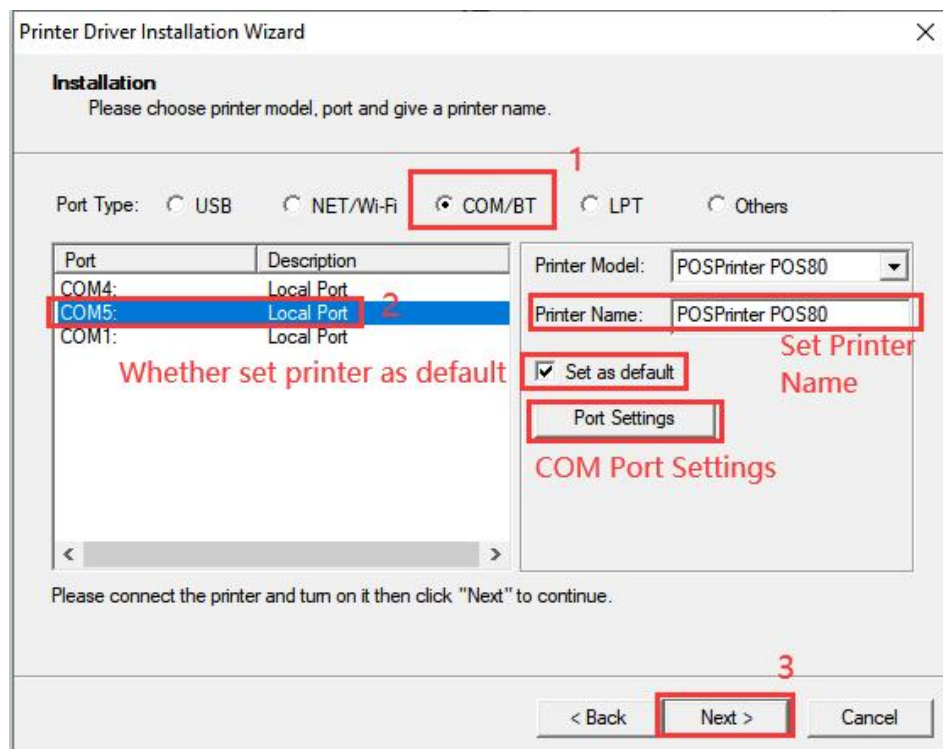


- 6) A successful installation interface will pop up, click the **[Finish]** button.

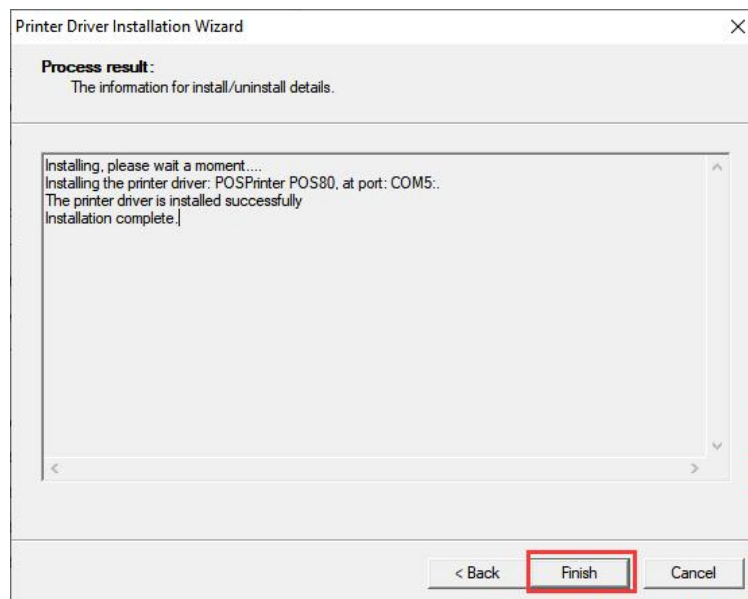


3.4.4. Install Printer Via Bluetooth

- 1) Turn on the printer and computer
- 2) Please refer to [3.3](#). Check the COM port of Bluetooth
- 3) Select **[COM/BT]** and Bluetooth port “COM5”, then click **[Next]**



- 4) A successful installation interface will pop up, click the **[Finish]** button.

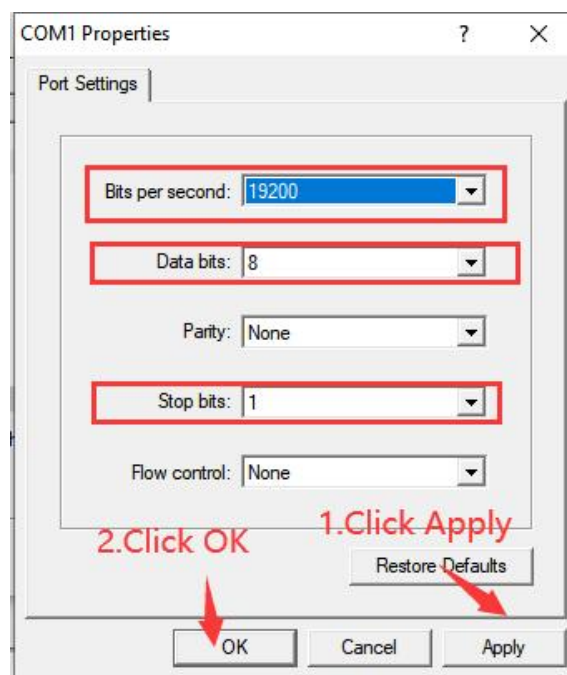
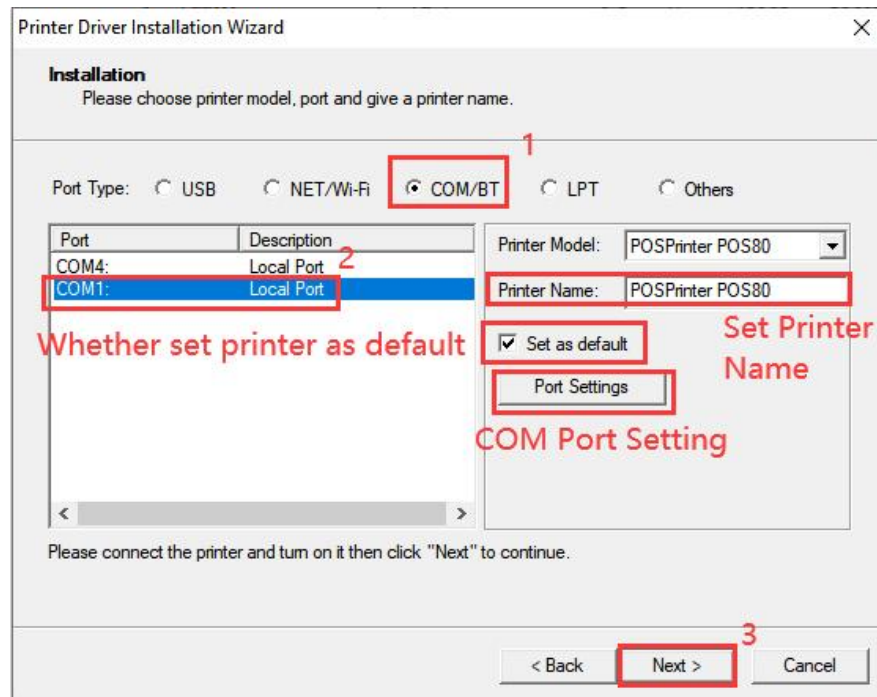


3.4.5. Install Printer Via Serial

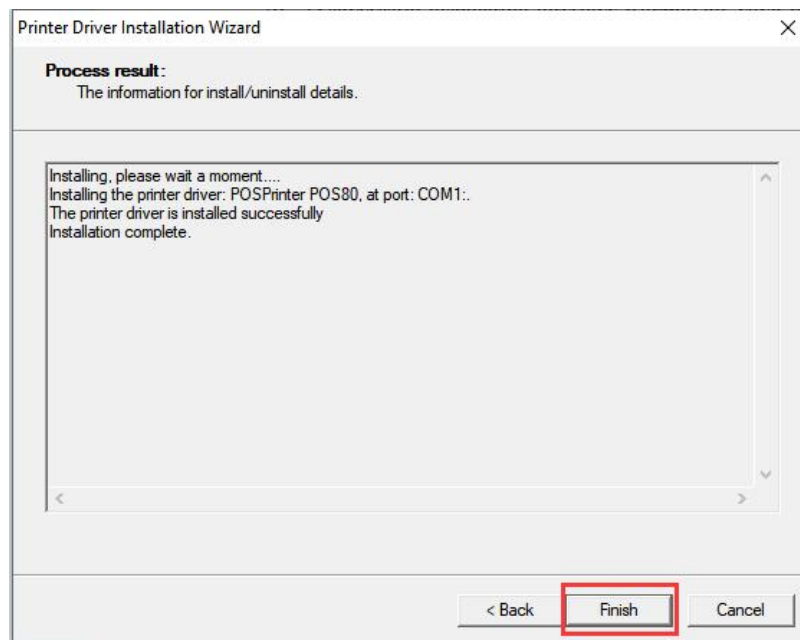
- 1) Turn on the printer and computer
- 2) Use the Serial cable to connect the printer and computer
- 3) Print the self-test page to view the Serial configuration. Please refer to 1.1. print the self-test page



- 4) Select [COM/BT] and Serial Port “COM1”,click [Port Settings] and set the COM port according to the Serial configuration displayed on the self-test page,then click [Next]



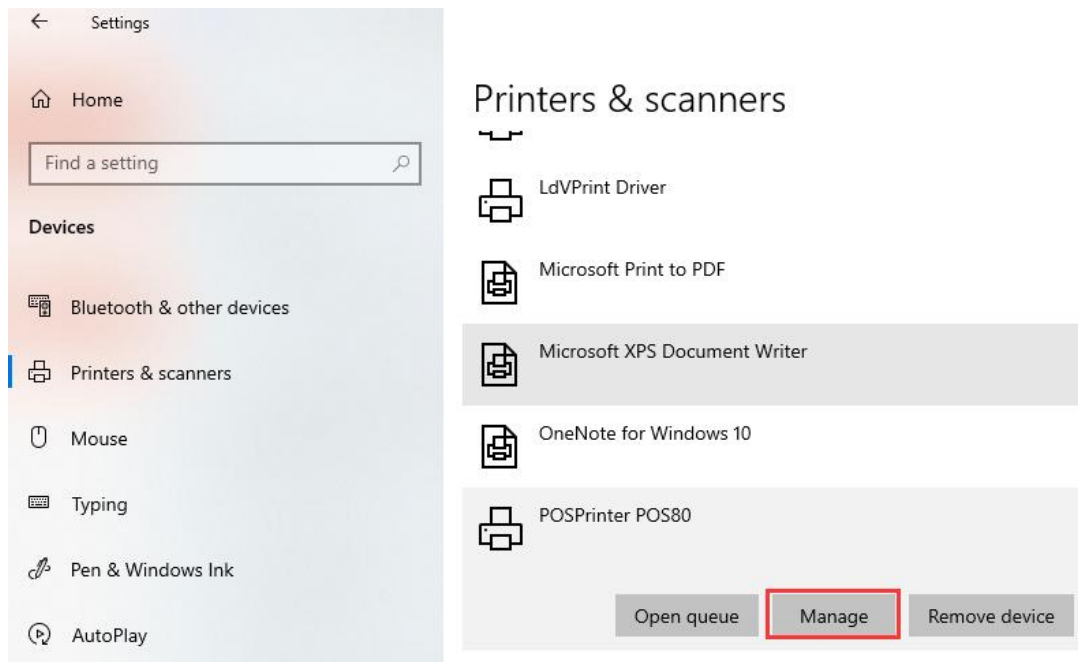
- 5) A successful installation interface will pop up, click the **[Finish]** button.



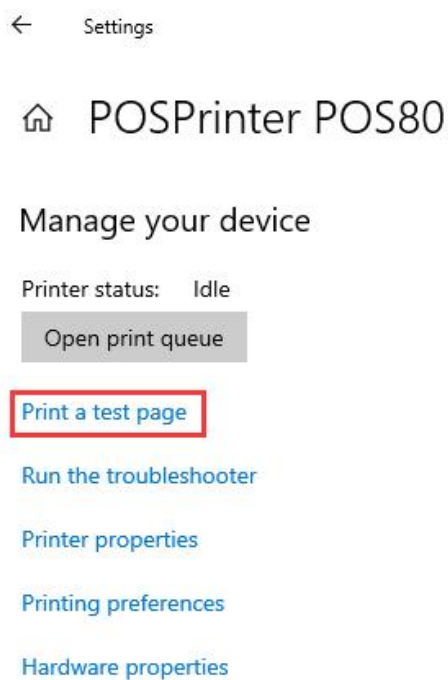
3.5. Print Test Page

When the printer driver is installed successfully, click **[Print Test Page]** and the printer will print a test page.

- 1) Enter **[Settings]** → **[Devices]** → **[Printers & scanners]** interface, click **[POSPrinter POS-80]** and choose **[Device Manage]**.



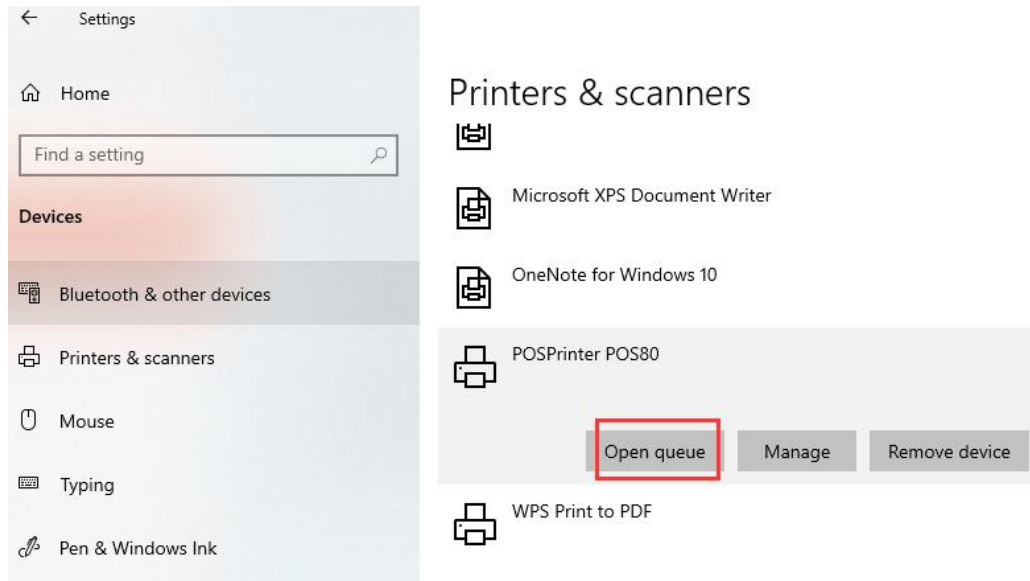
Click **[Print a test page]**



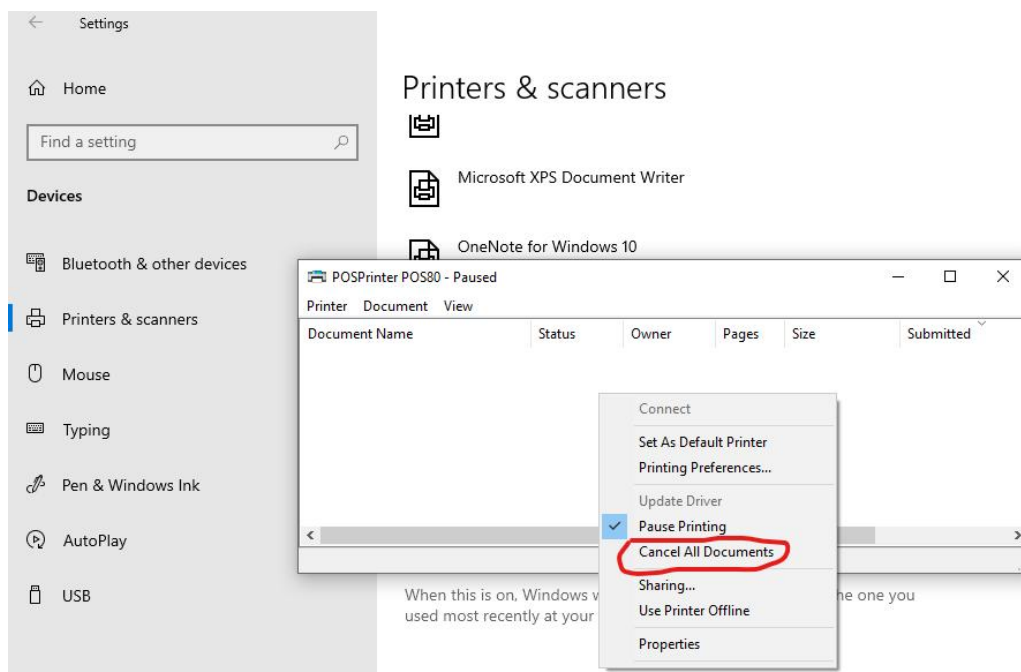
3.6. Uninstallation

3.6.1. Delete Print Pool Job

- 2) Enter [Settings] → [Devices] → [Printers & scanners] interface, click [POSPrinter POS-80] and choose [Open queue].

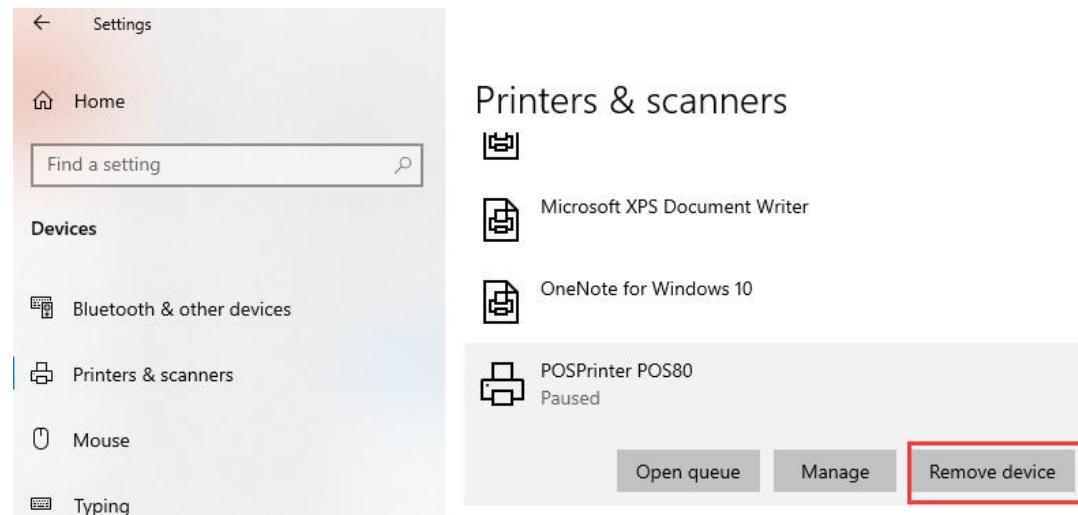


- 3) Check the printer for print jobs. right-click in the print pool and click the [Cancel all Documents] to delete jobs.



3.6.2. Delete Printer

1. Click [**POSPrinter POS-80**] and choose [**Remove device**].



3.7. Windows Printer Settings

- 1) Click [**POSPrinter POS-80**] and choose [**Manage**].
- 2) Click [**Printer properties**], enter the POSPrinter POS-80 Properties interface.

🏠 POSPrinter POS80

Manage your device

Printer status: Paused

Open print queue

[Print a test page](#)

[Run the troubleshooter](#)

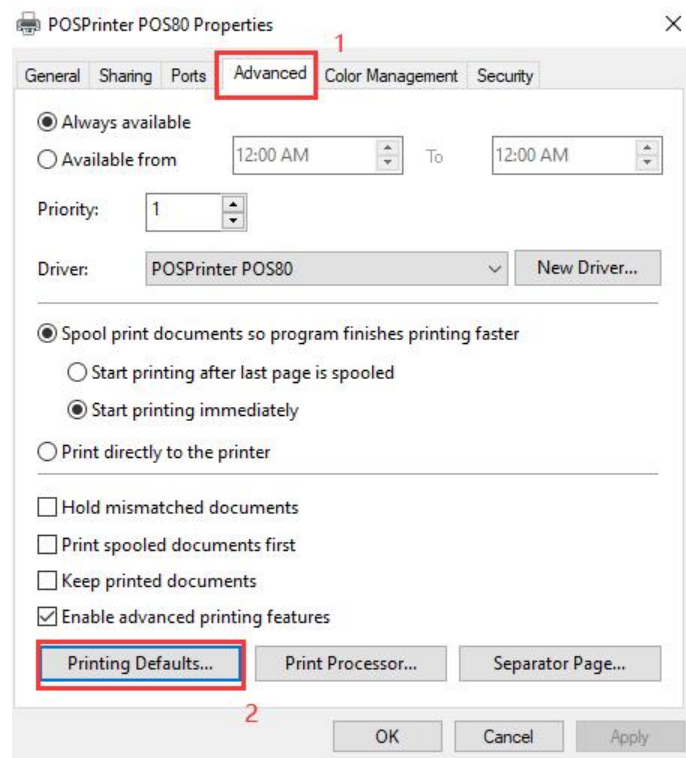
[Printer properties](#)

[Printing preferences](#)

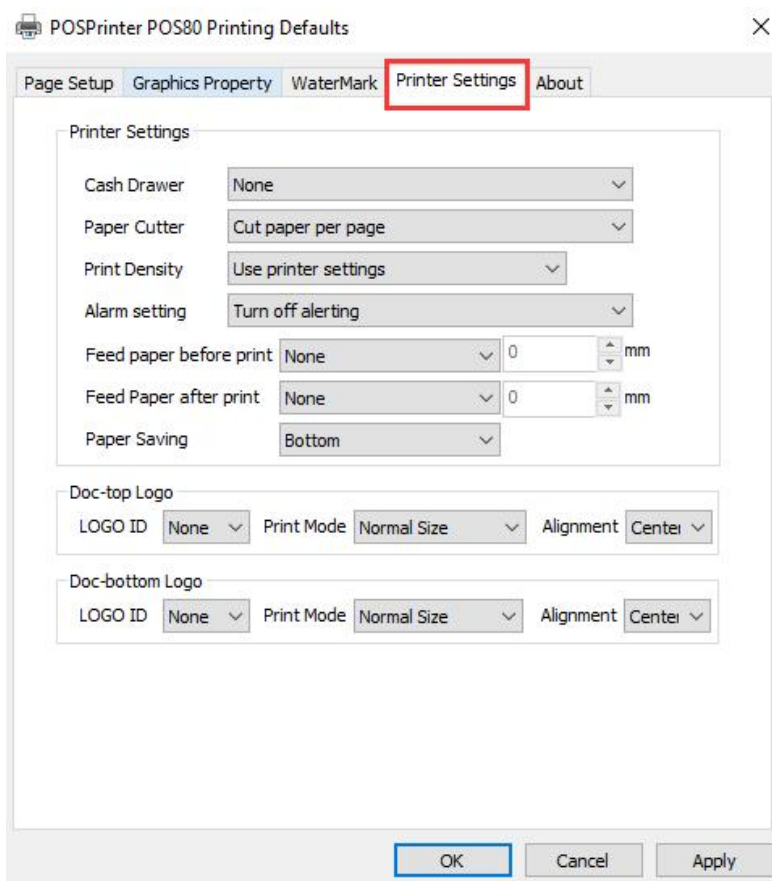
[Hardware properties](#)

[Get help](#)

3) Click Advanced and choose **[Printing Defaults]**.

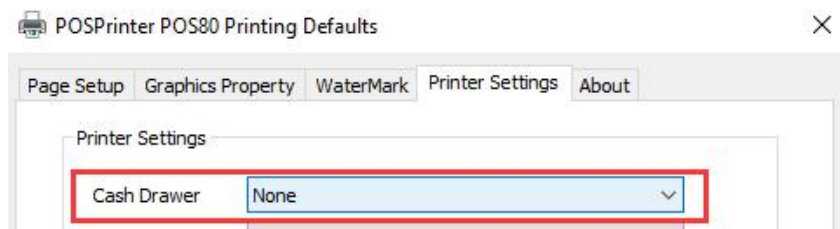


4) Click **[Printer Setting]**, enter Printer Setting interface.



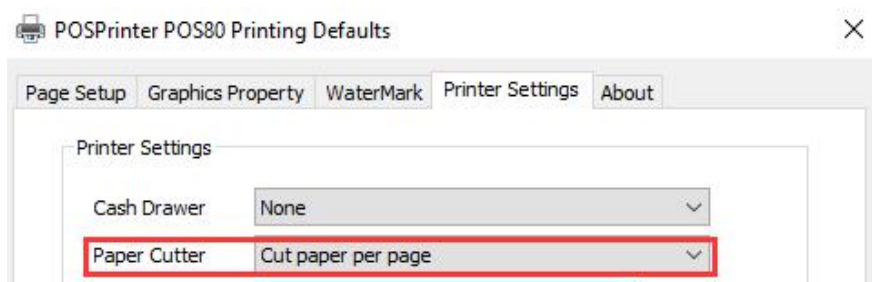
3.7.1. Cash Drawer Selection

Set the cash drawer open action



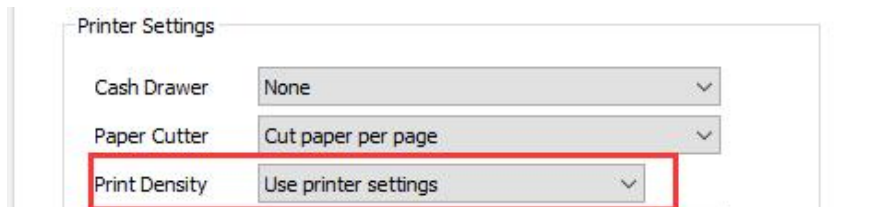
3.7.2. Paper Cutter

Set the printer automatic paper cutting function.



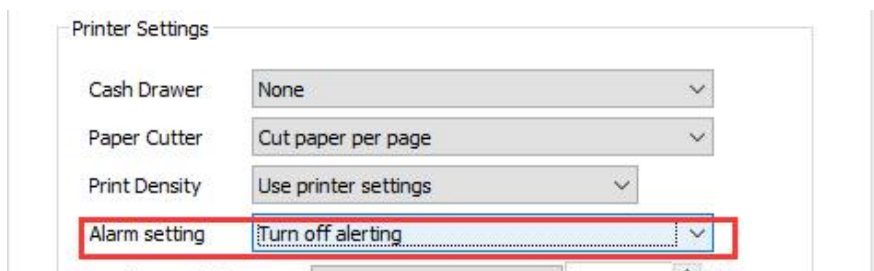
3.7.3. Print Density

Set the print density. The higher the level, the darker the print.



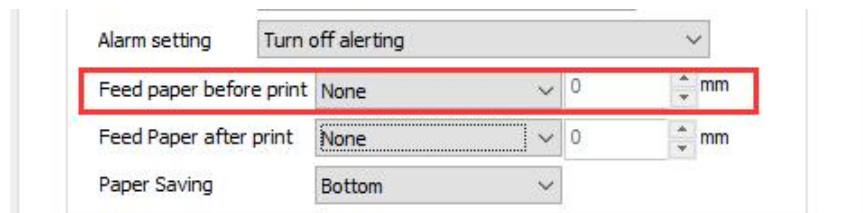
3.7.4. Alarm setting

Set the printer alarm sound on or off.



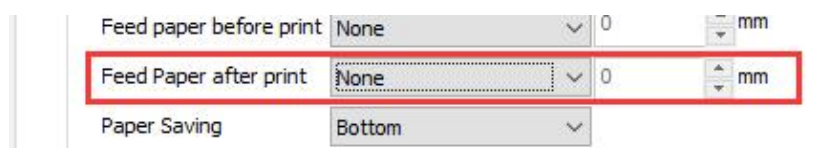
3.7.5. Feed paper before print

Create more blanks at the top of the receipt.




3.7.6. Feed paper after print

Create more blanks at the bottom of the receipt.



3.7.7. Paper Saving

Reduce blanks at top/middle/bottom of the receipt.



3.7.8. Logo ID

Set the Logo, and the printer will automatically print the logo on the receipt.

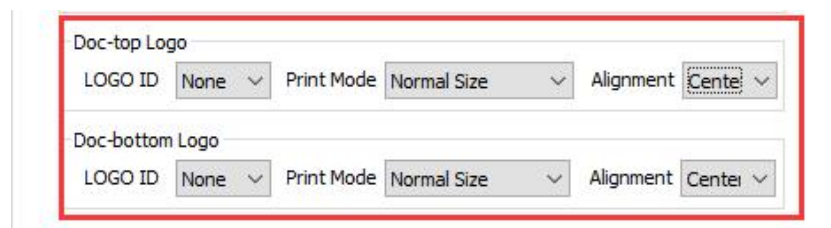
- 1) Please refer to the steps in section [2.2.3](#) to add the Logo.
- 2) Set Logo ID:

Doc-top Logo ID: Set the number of Logos at the top of the printed receipt.

Doc-top Logo Mode: Set the size of the Logo printed at the top of the receipt.

Doc-bottom Logo ID: Set the number of Logos at the bottom of the printed receipt.

Doc-bottom Logo Mode: Set the size of the Logo printed at the bottom of the receipt.

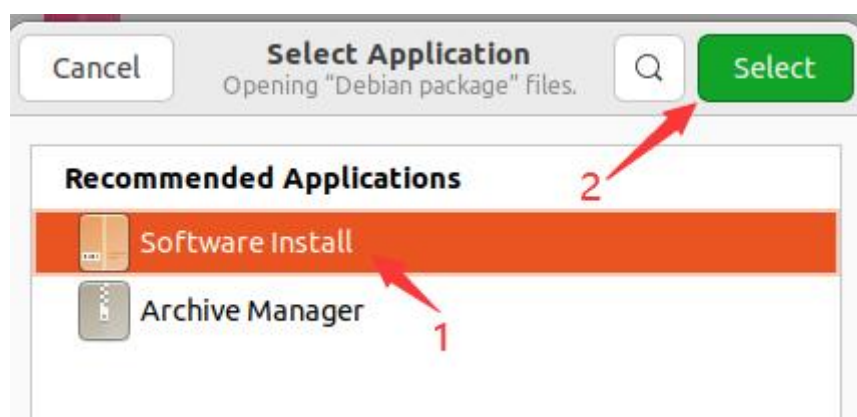
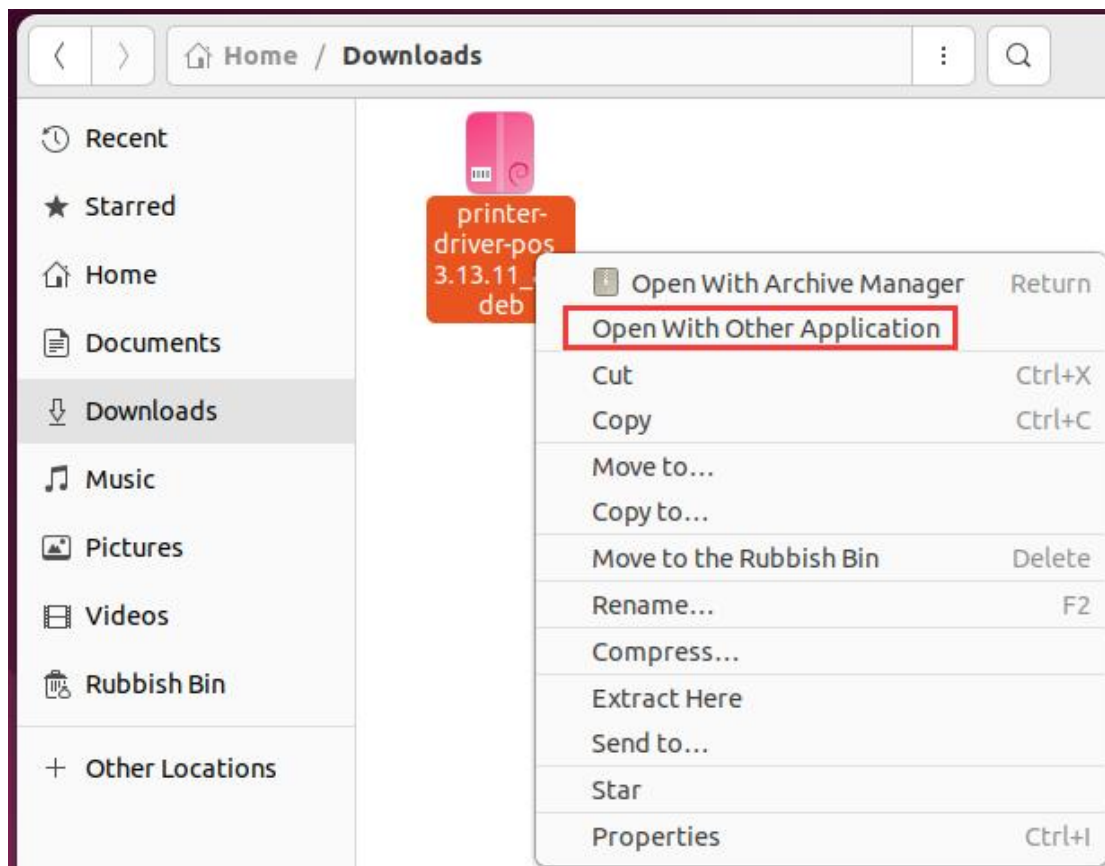


4. Ubuntu System

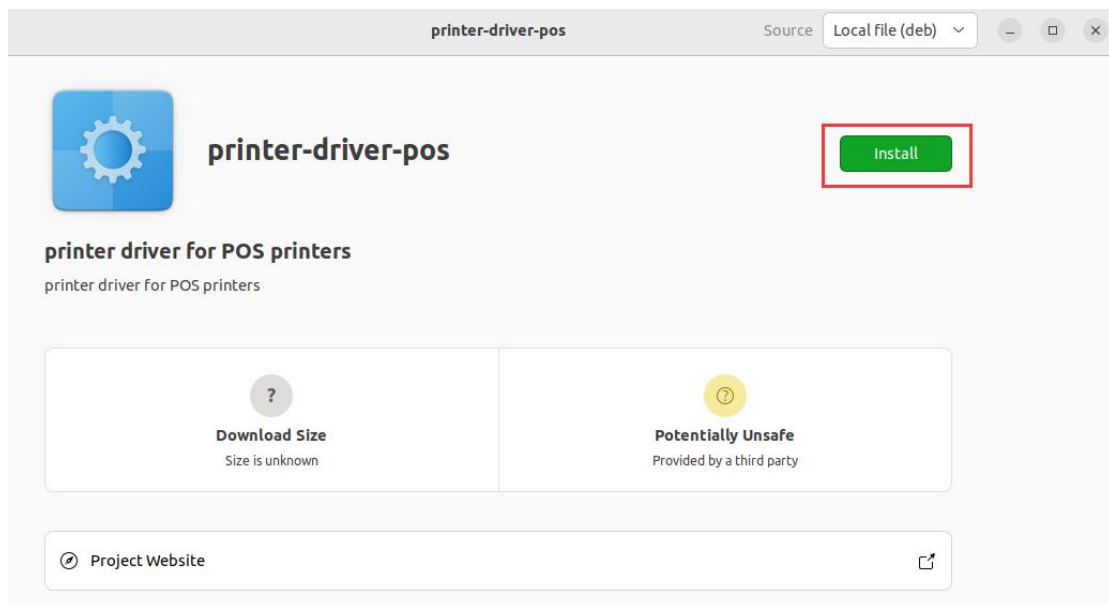
4.1. Installation

4.1.1. Install Driver

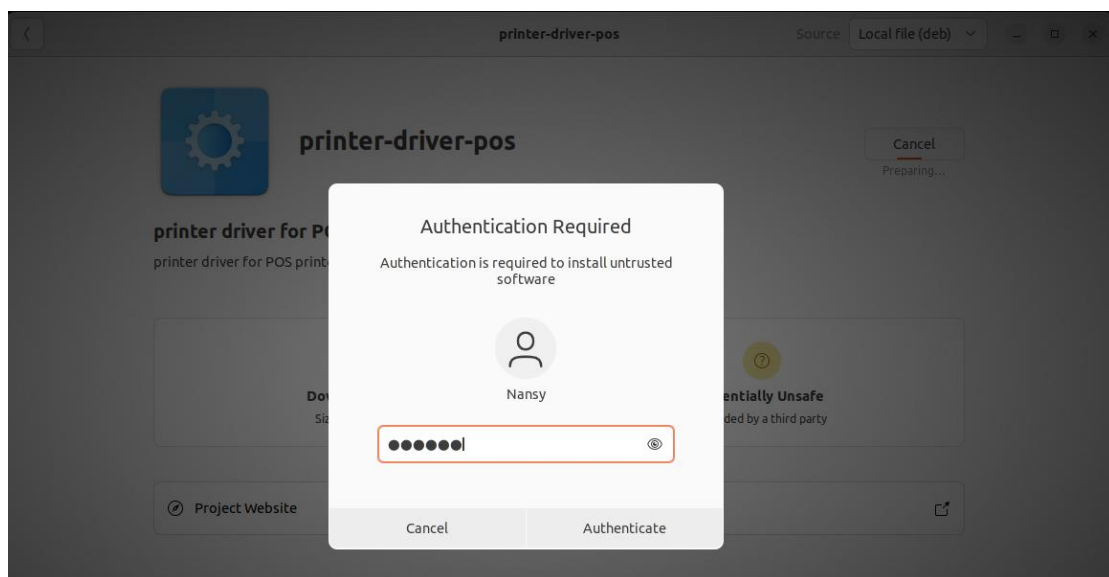
- 1) Open the folder where the driver is located, Right-click the “**printer-driver-pos_X.XX.XX_all.deb**” installer,select [Open With Other Application] and select [Software Install].



2) Click **[Install]**

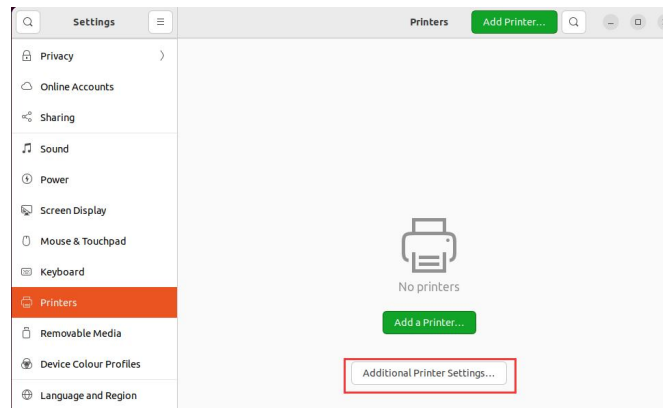


3) Enter your root password

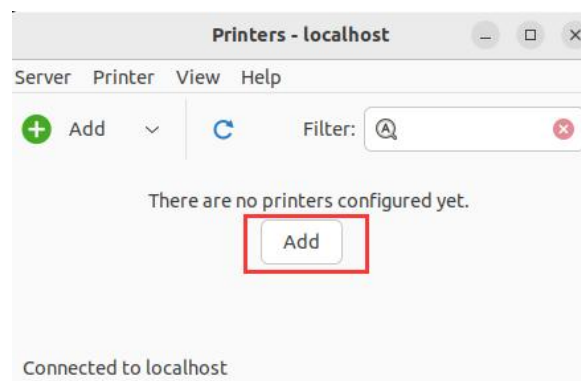


4.1.2. Install Printer Via USB

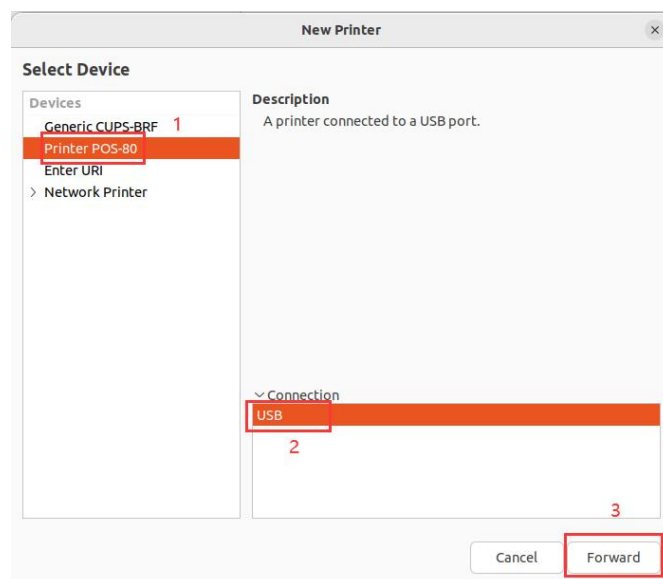
- 1) Use the USB cable to connect the printer and computer and turn on the printer and computer.
- 2) Enter [Settings] -> [Printers] interface, click[Addition Printer Settings]



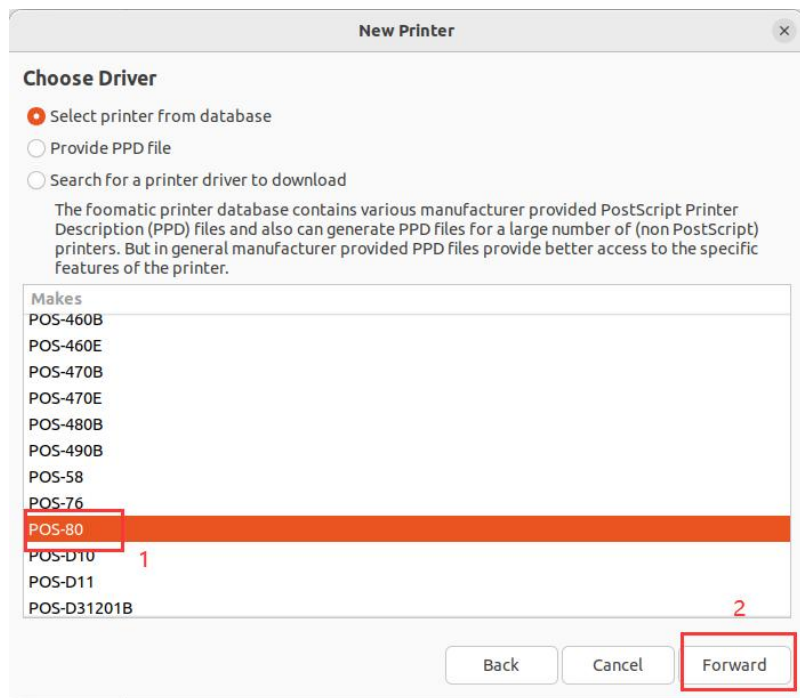
- 3) Click [Add]



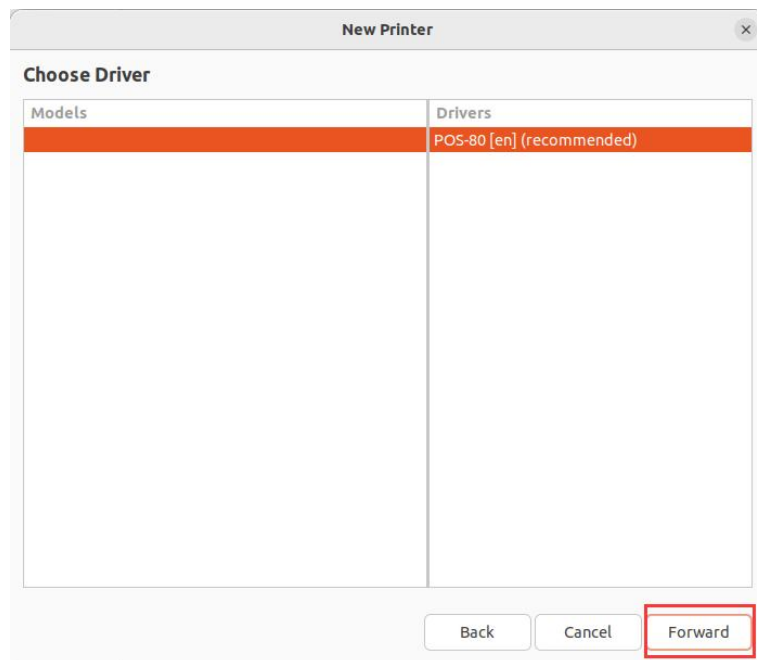
- 4) Select [Printer POS-80] and [USB], then click [Forward]



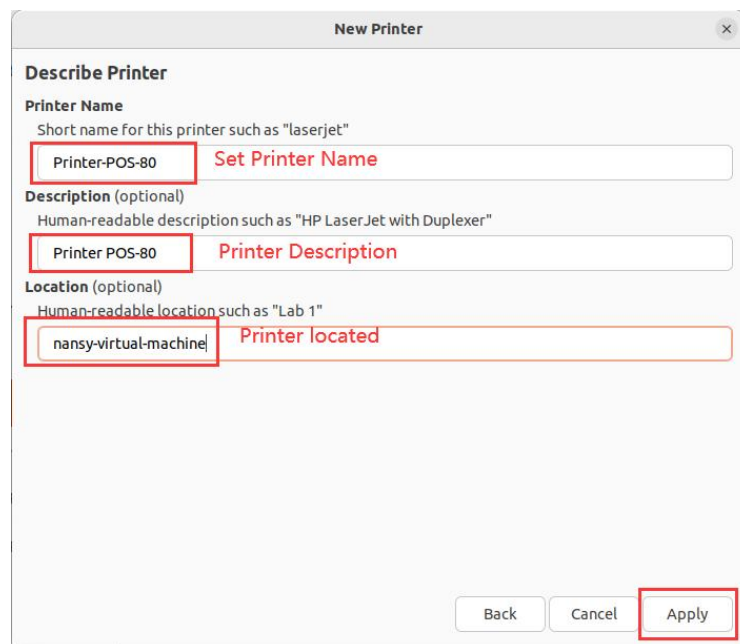
5) Select [POS-80], click [Forward]



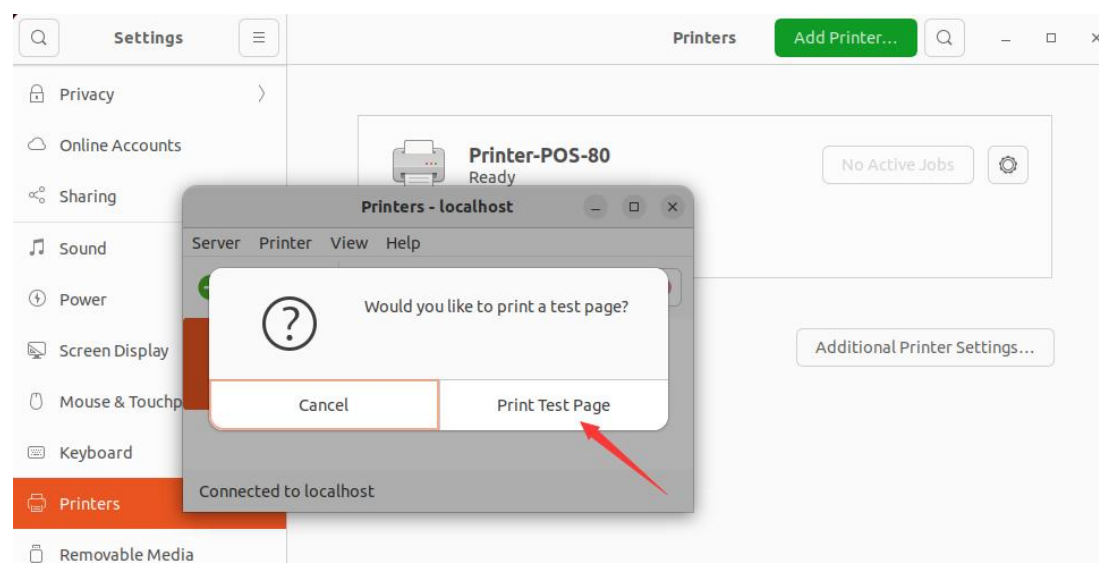
6) Click [Forward]



7) Click **[Apply]**

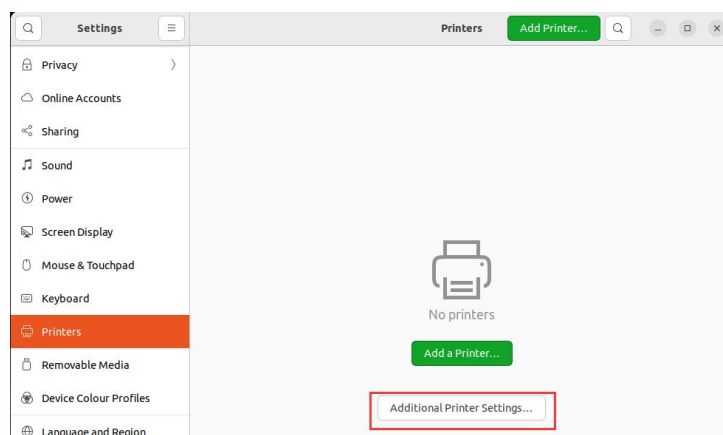


8) Click **[Print Test Page]**, printer will print a test page.

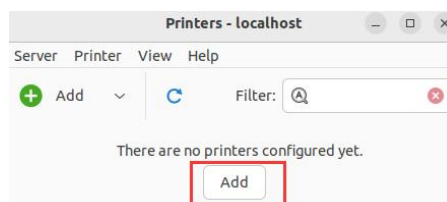


4.1.3. Install Printer Via LAN/Wi-Fi

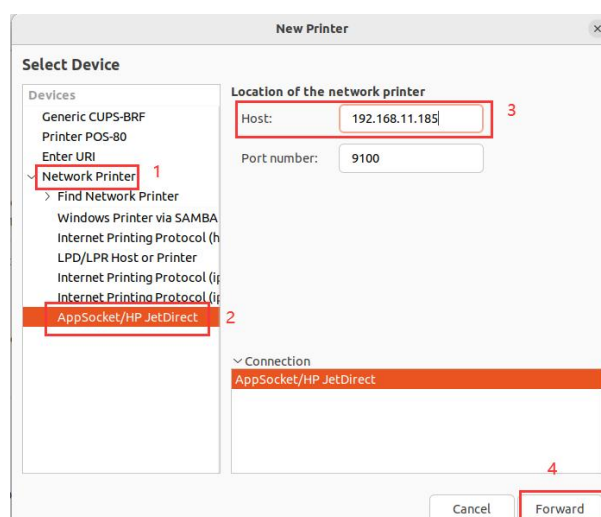
- 1) Turn on the printer and computer.
- 2) Connect the computer to the router using a network cable or Wi-Fi
- 3) Connect the printer to the router using a network cable or Wi-Fi. The printer must be connected to the same network segment as the computer.
- 4) Please refer to [3.1./3.2.](#) Configure the printer LAN/WiFi.
- 5) Enter [Settings] -> [Printers] interface, click [Addition Printer Settings]



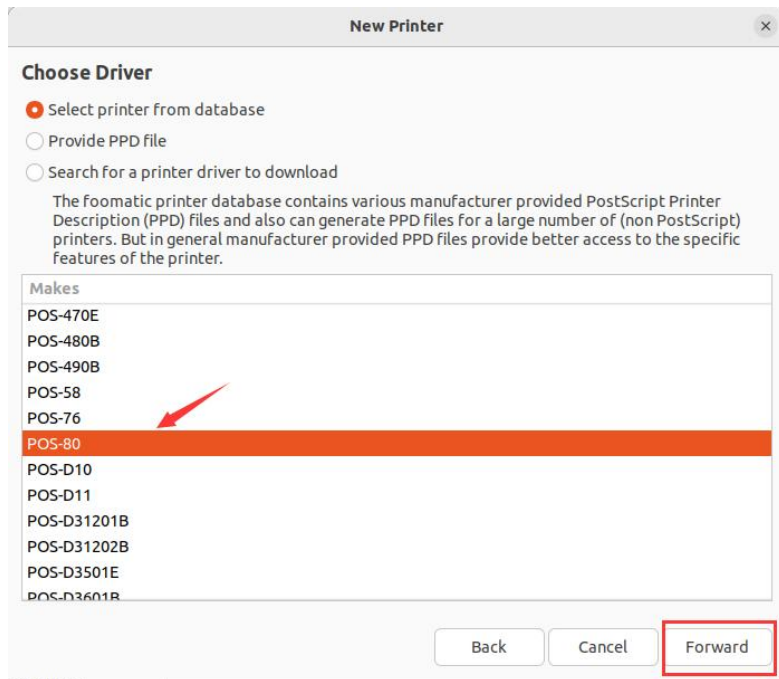
- 6) Click [Add]



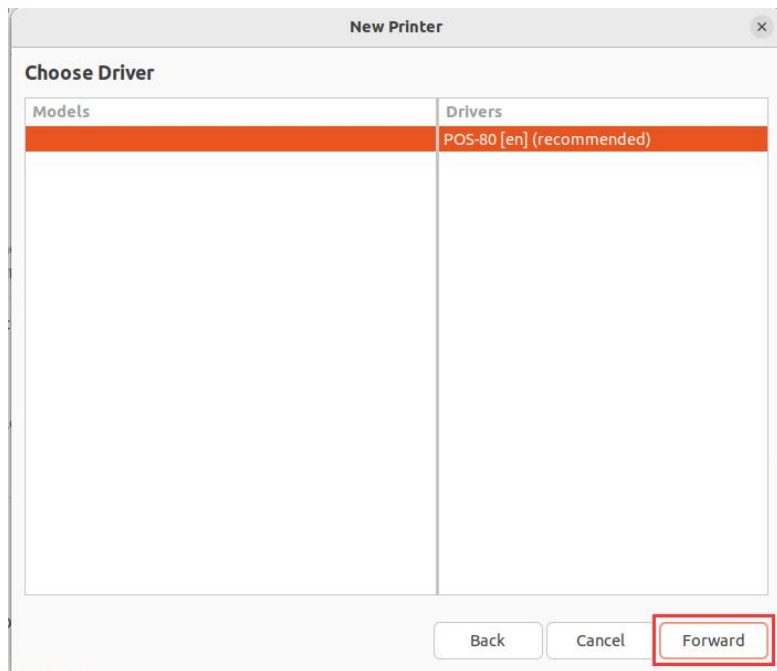
- 7) Select [Network Printer], click [AppSocket/HP JetDirect] and enter printer ip, then click [Forward].



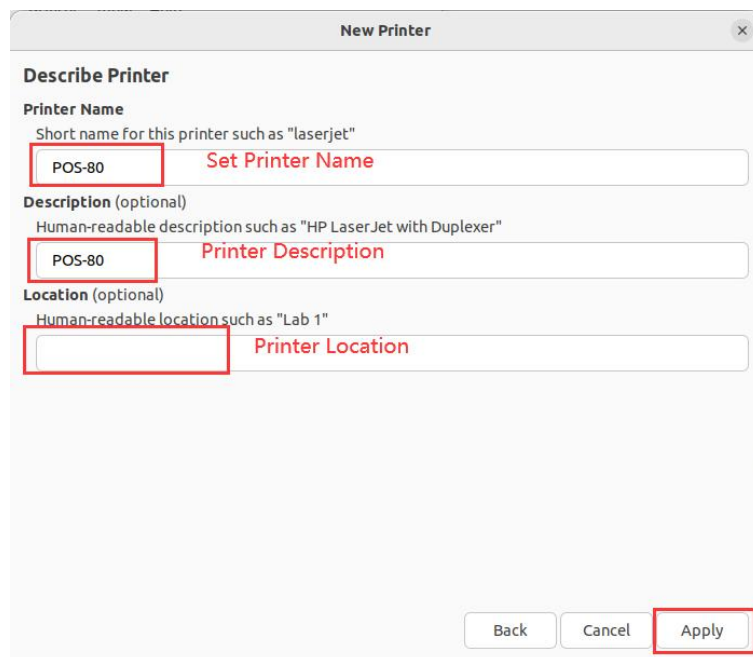
8) Select **[POS-80]** and click **[Forward]**



9) Click **[Forward]**



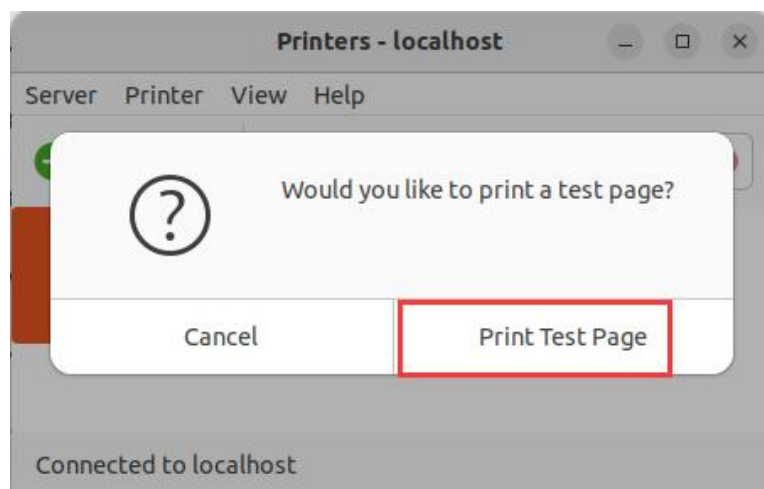
10) Click [**Apply**]



The screenshot shows a 'New Printer' dialog box with the following fields and buttons:

- Describe Printer**
 - Printer Name**: Short name for this printer such as "laserjet". The input field contains "POS-80" and is labeled "Set Printer Name".
 - Description (optional)**: Human-readable description such as "HP LaserJet with Duplexer". The input field contains "POS-80" and is labeled "Printer Description".
 - Location (optional)**: Human-readable location such as "Lab 1". The input field is empty and labeled "Printer Location".
- Buttons**: "Back", "Cancel", and "Apply". The "Apply" button is highlighted with a red box.

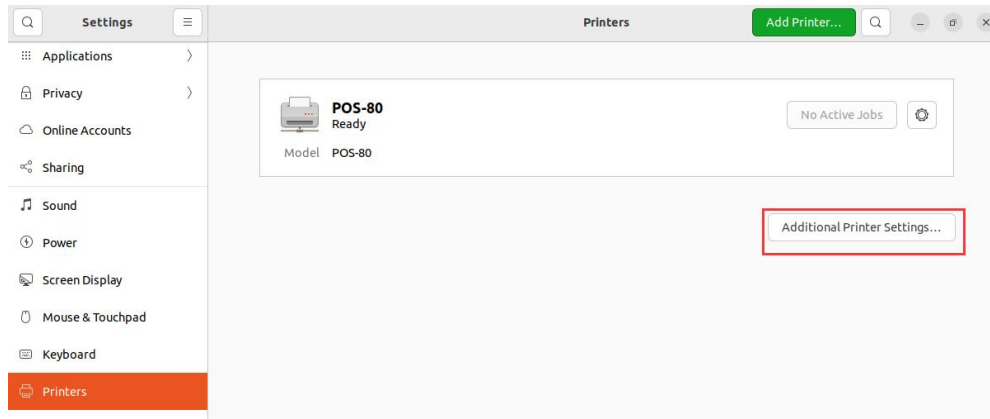
11) Click [**Print Test Page**], printer will print a test page.



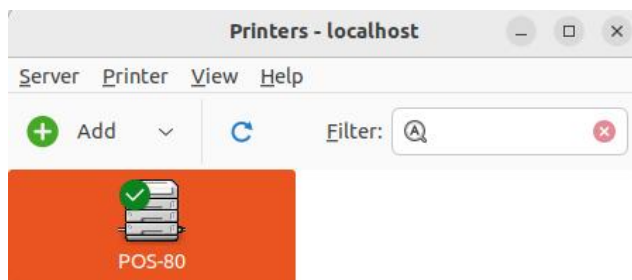
4.2. Uninstallation

4.2.1. Delete Print Jobs

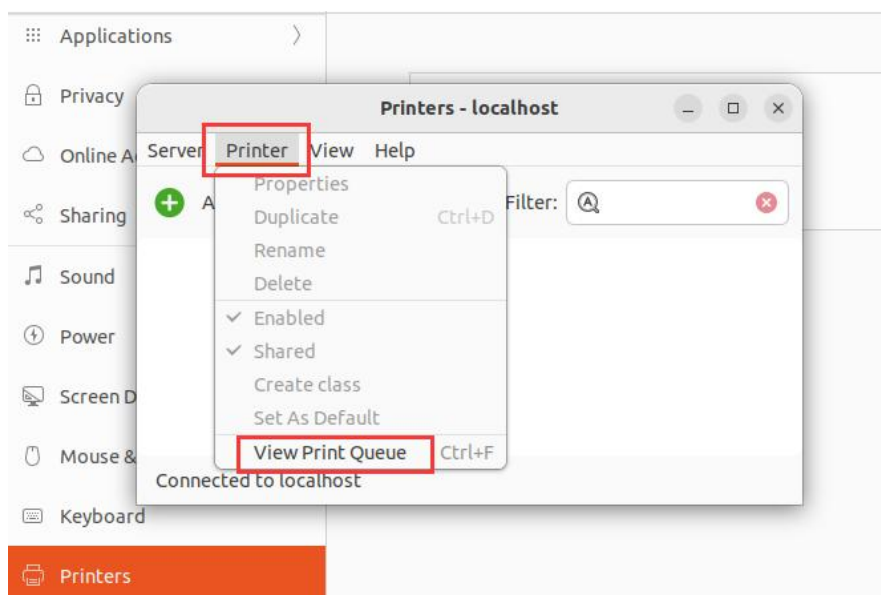
1) Enter [Settings] -> [Printers] interface, click [Additional Printer Settings]



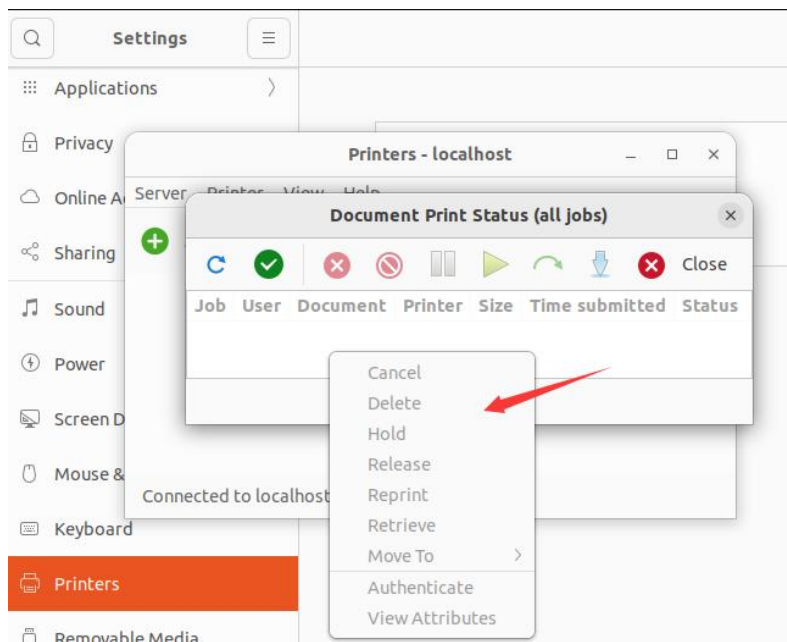
2) Choose [POS-80], click [Printer] and select [View Print Queue]



Connected to localhost

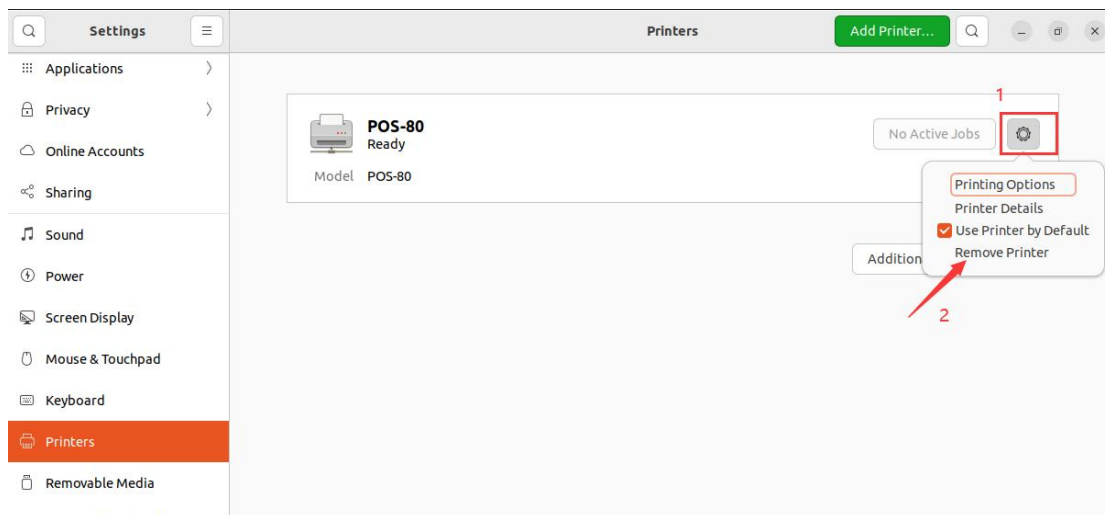


3) Right-click the job and click Delete



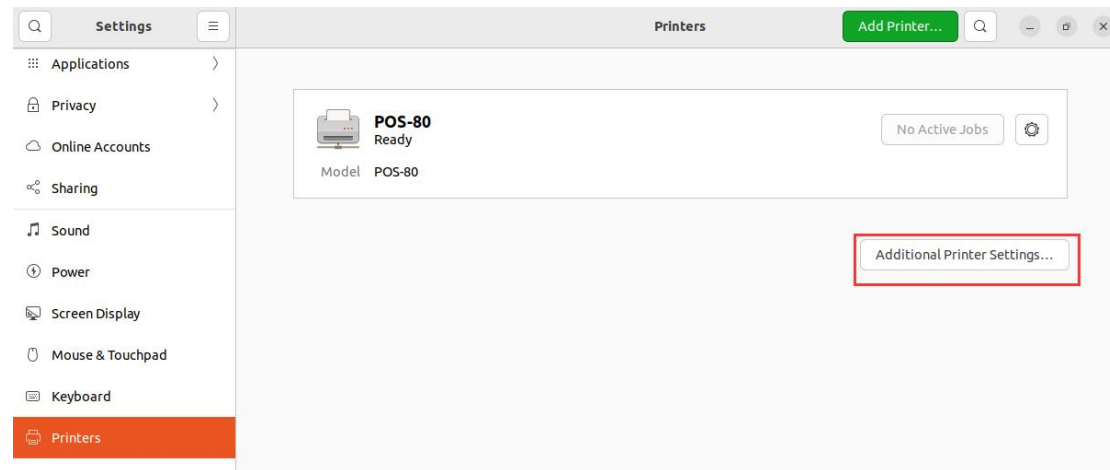
4.2.2. Delete Printer

1) Enter [Settings] -> [Printers] interface, click [Setting Icon] and select [Remove Printer]

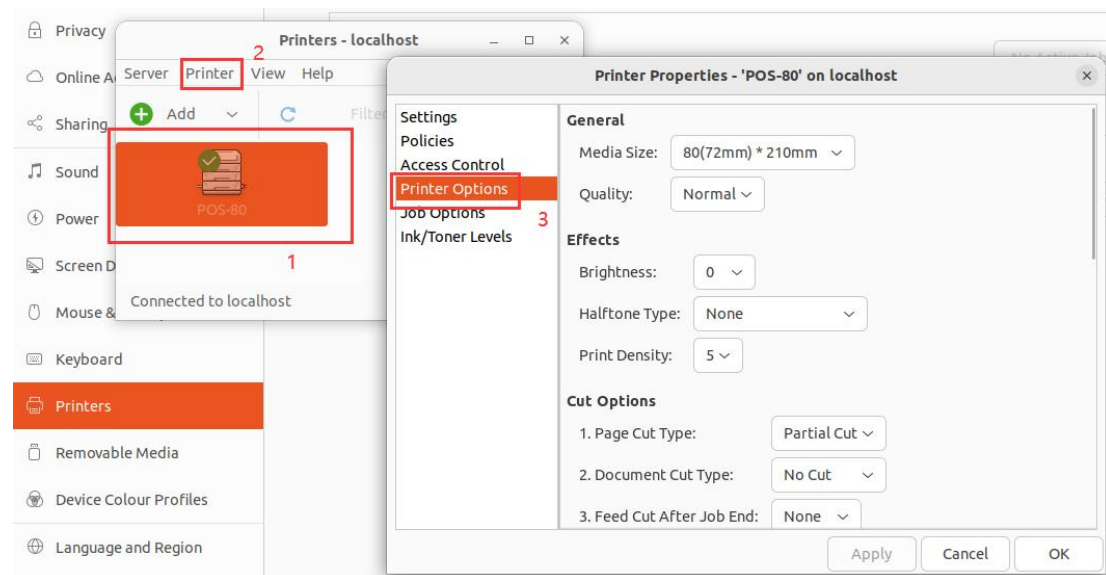


4.3. Ubuntu Printer Settings

1) Enter [Settings] -> [Printers] interface, click [Additional Printer Settings]

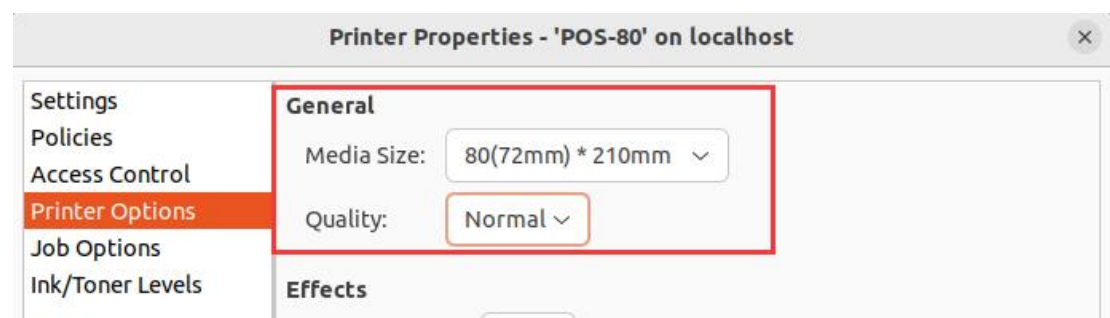


2) Choose [POS-80], enter [Printers] -> [Properties] -> [Printer Options] interface



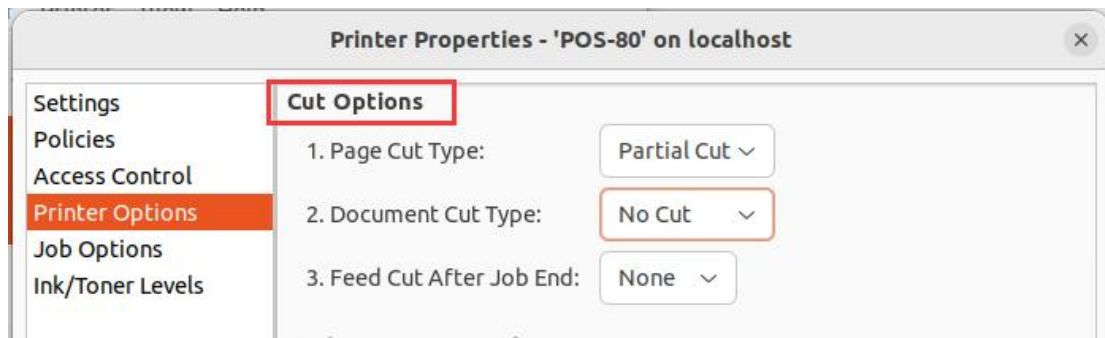
4.3.1. General

Set the paper size



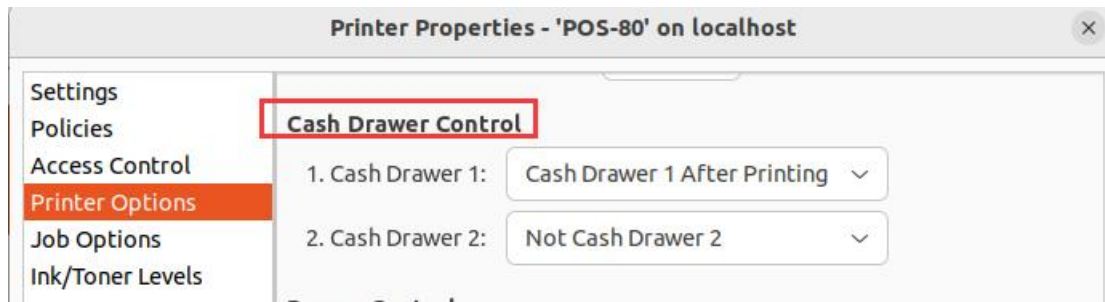
4.3.2. Cut Options

Set the printer automatic paper cutting function.



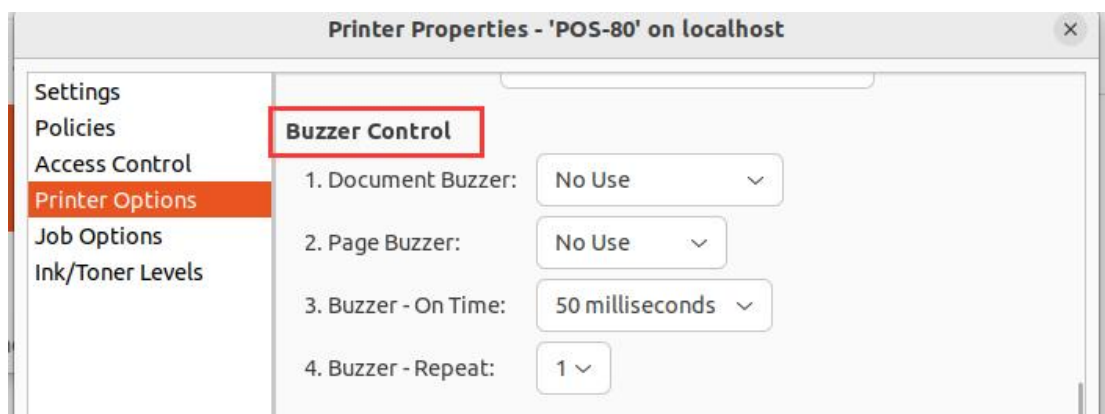
4.3.3. Cash Drawer Control

Set the cash drawer open action.



4.3.4. Buzzer Control

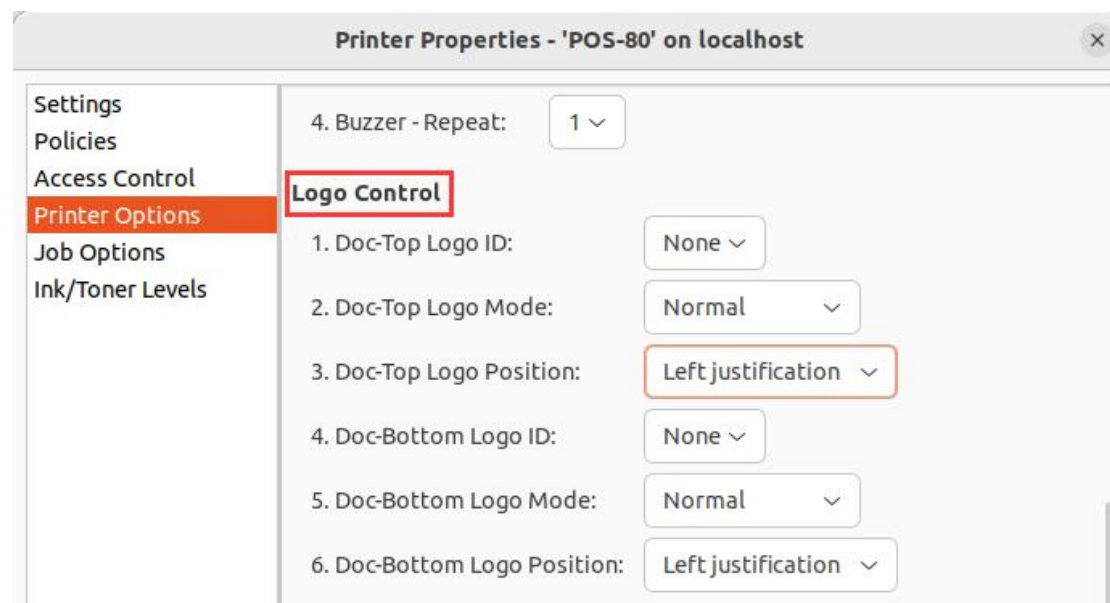
Set the printer alarm sound on or off.



4.3.5. Logo Control

Set the logo, and the printer will automatically print the logo on the receipt.

- 1) please refer to the steps in section [2.2.3](#). to add the logo.
- 2) Set Logo ID:
 - a. Doc-top logo ID: Set the number of logos at the top of the printed receipt.
 - b. Doc-top logo Mode: Set the size of the logo printed at the top of the receipt.
 - c. Doc-top logo Position: Set the position of the logo printed at the top of the receipt.
 - d. Doc-bottom logo ID: Set the number of logos at the bottom of the printed receipt.
 - e. Doc-bottom logo Mode: Set the size of the logo printed at the bottom of the receipt.
 - f. Doc-bottom logo Position: Set the position of the logo printed at the bottom of the receipt.

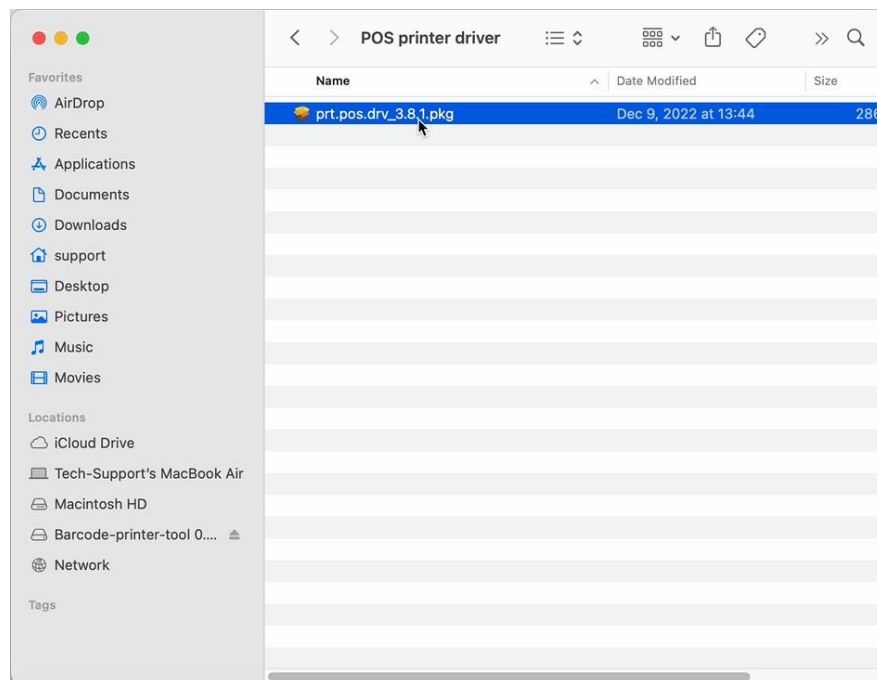


5. MacOS System

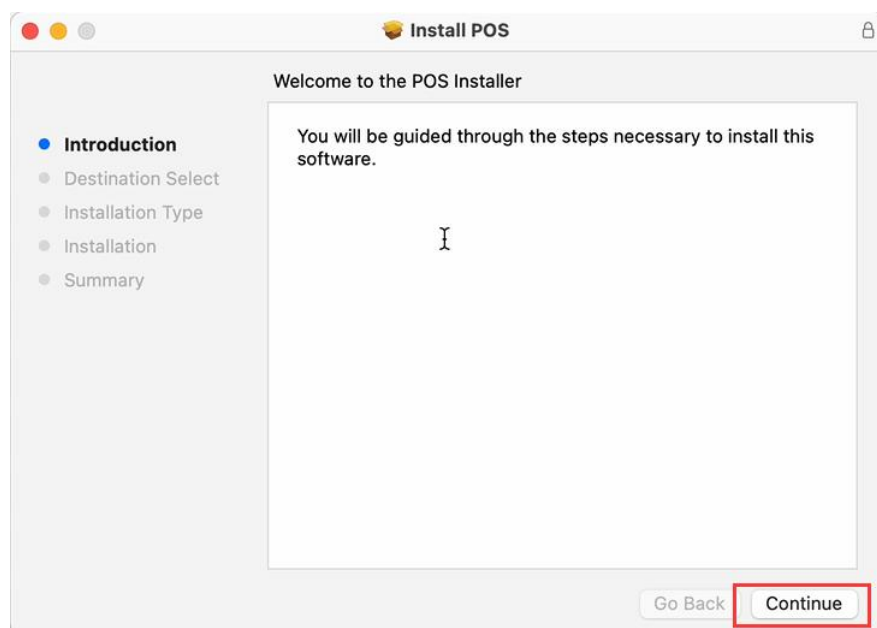
5.1. Installation and Uninstallation

5.1.1. Install Driver

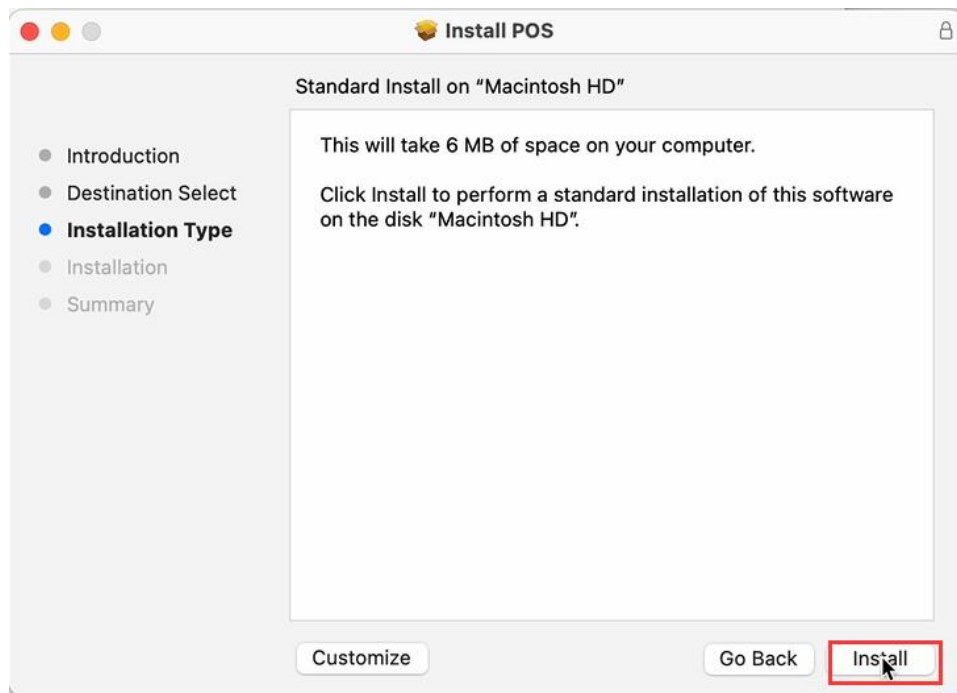
- 1) Open the folder where the driver is located, double-click the “prt.pos.driv_3.8.1.pkg” installer



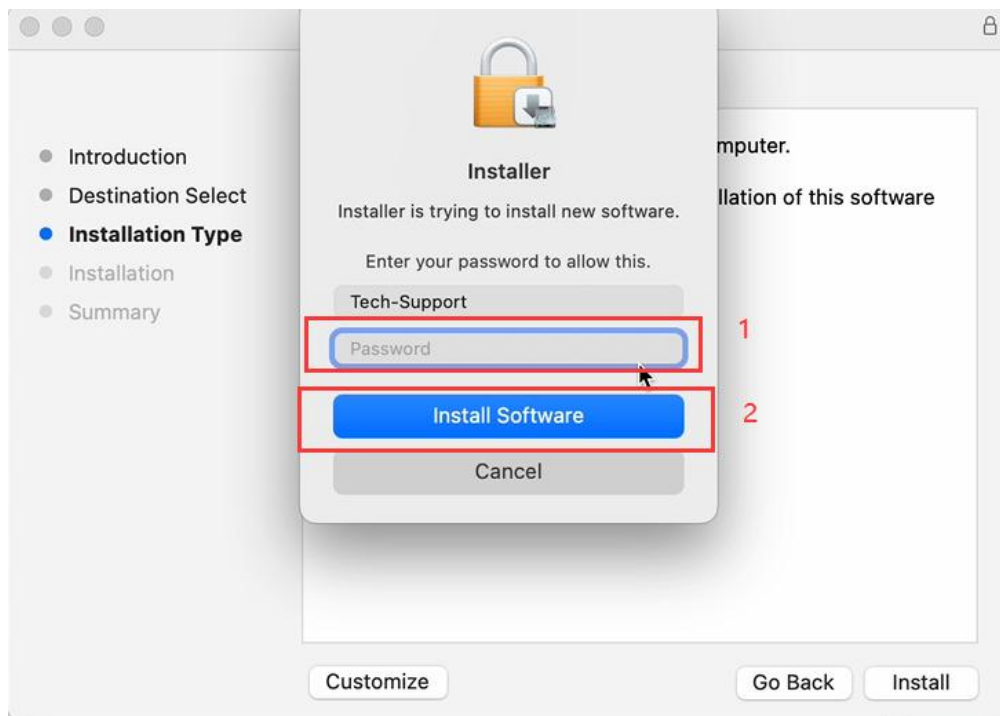
- 2) Click [Continue]



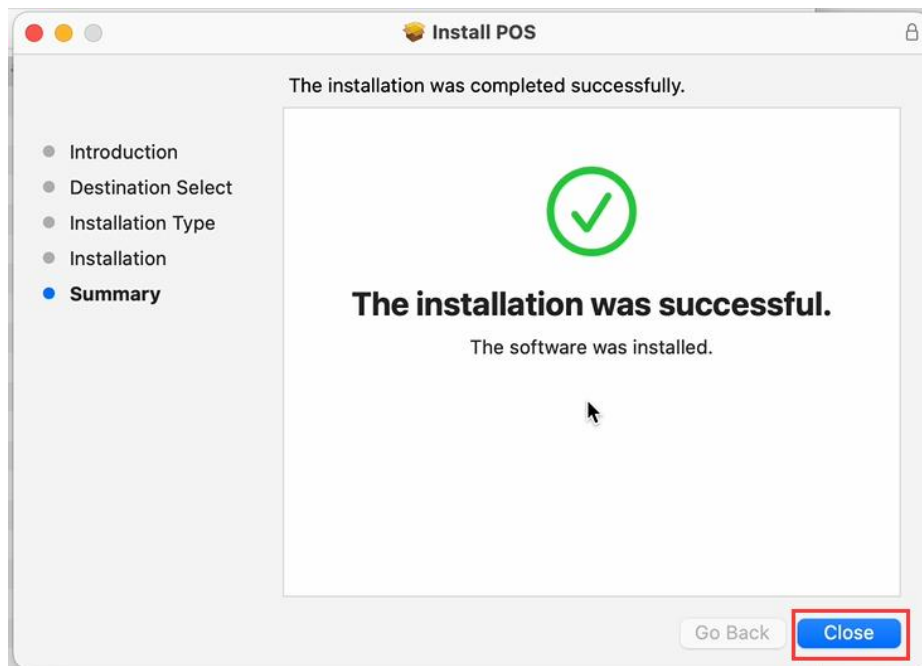
3) Click [**Install**]



4) Enter your Mac password and click [**Install Software**]

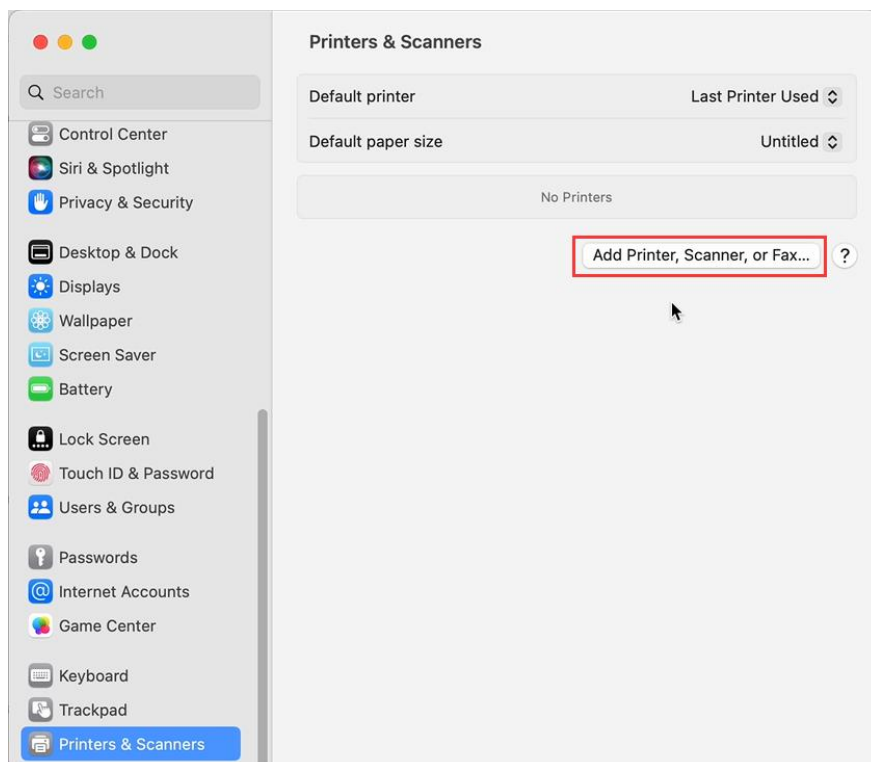


- 5) The driver installation is successful, please click [**Close**]

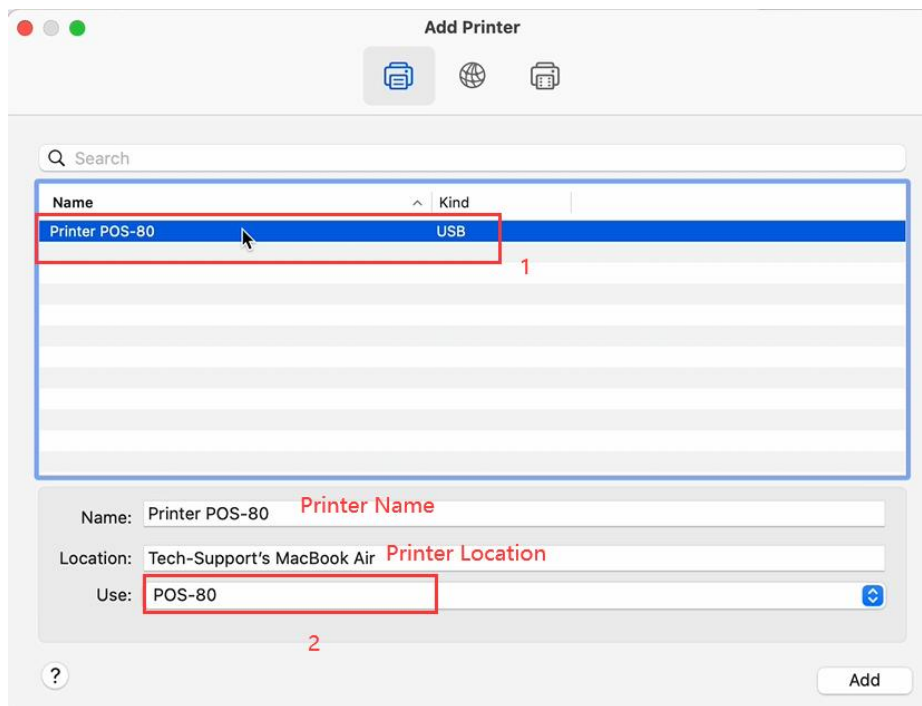


5.1.2. Install Printer Via USB

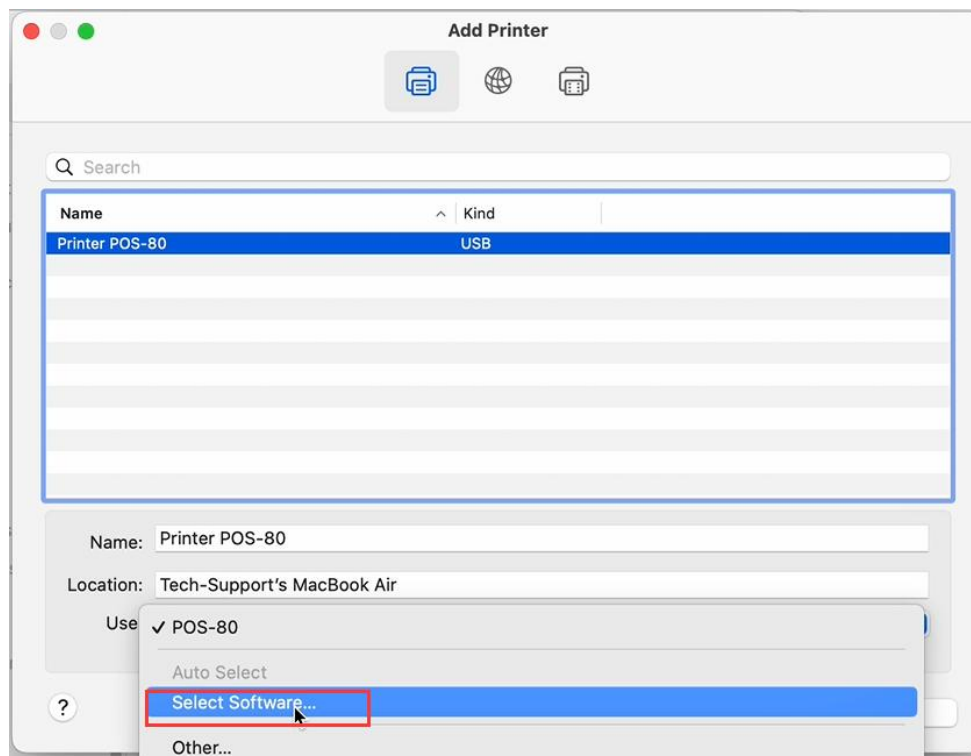
- 1) Turn on the printer and computer
- 2) Connect the printer to your computer via USB
- 3) Enter [**System settings**] -> [**Printers & Scanners**] interface, click [**Add Printer**]



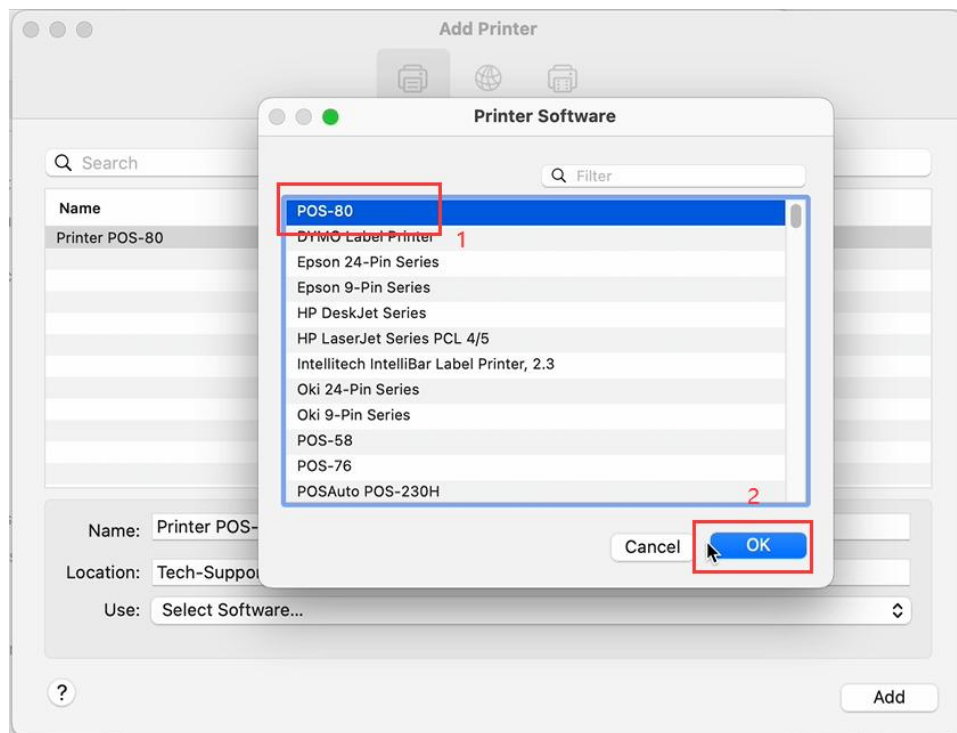
- 4) Choose [**Printer POS-80**], and click [**Use Selections Box**]



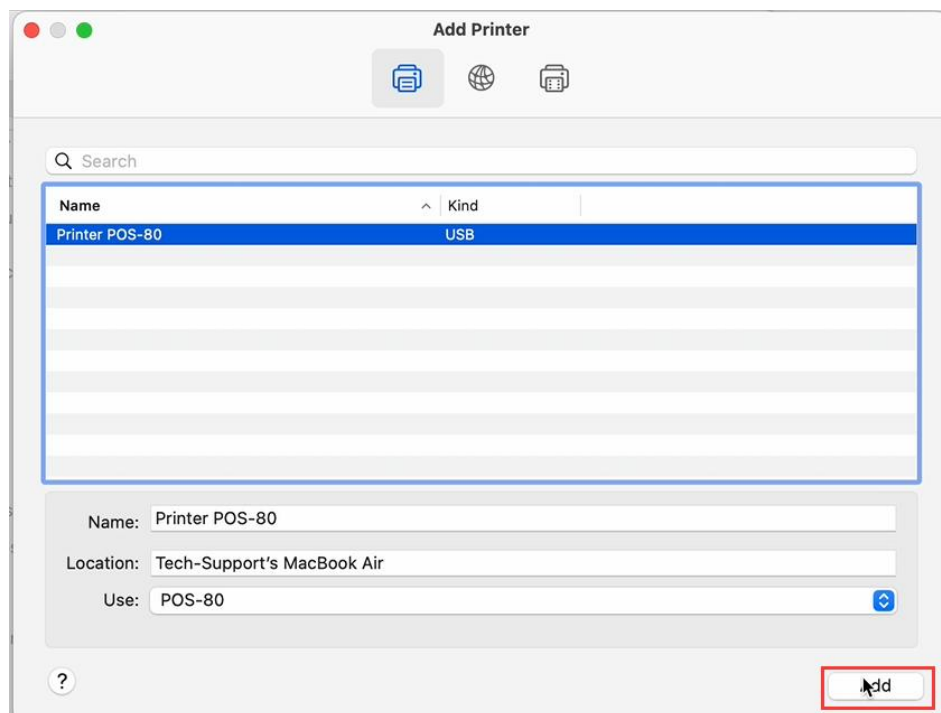
- 5) Select [**Select Software...**]



6) Choose [**POS-80**] and click [**OK**]

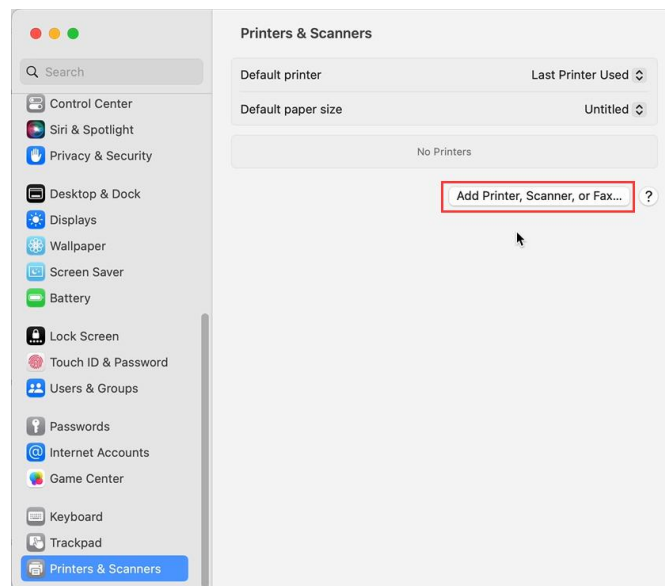


7) Click [**Add**]

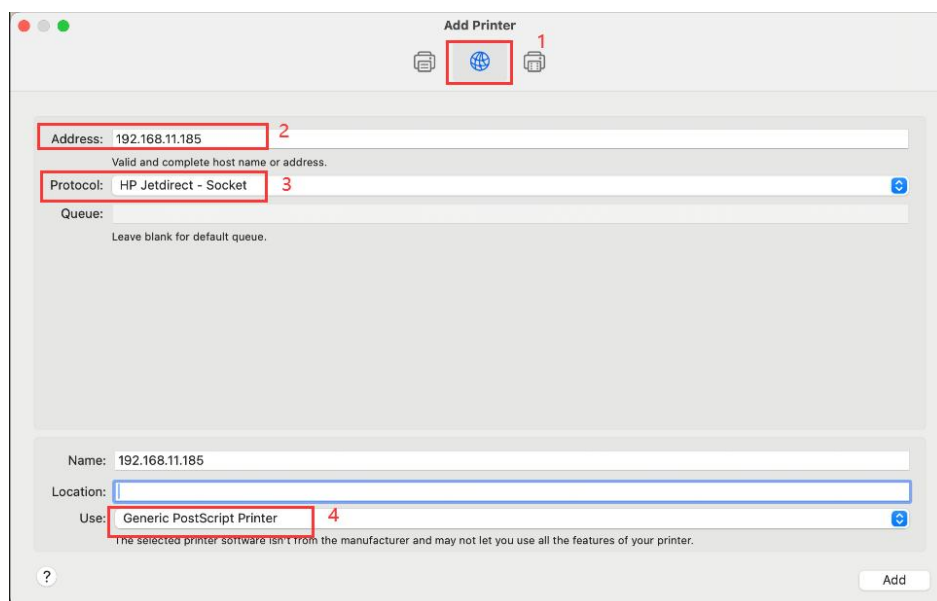


5.1.3. Install Printer Via LAN/Wi-Fi

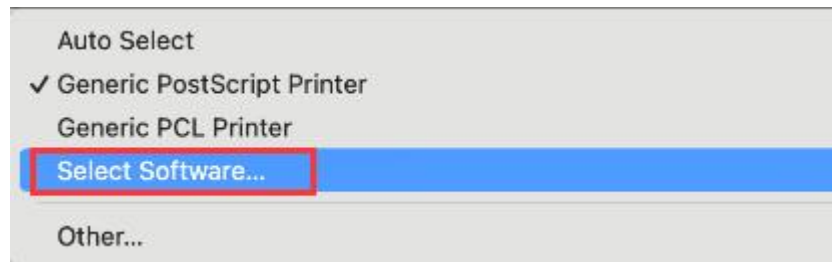
- 1) Turn on the printer and computer.
- 2) Connect the computer to the router using a network cable or Wi-Fi
- 3) Connect the printer to the router using a network cable or Wi-Fi. The printer must be connected to the same network segment as the computer.
- 4) Please refer to [3.1./3.2.](#) Configure the printer LAN/WiFi.
- 5) Enter [System settings] - > [Printers & Scanners] interface, click [Add Printer]



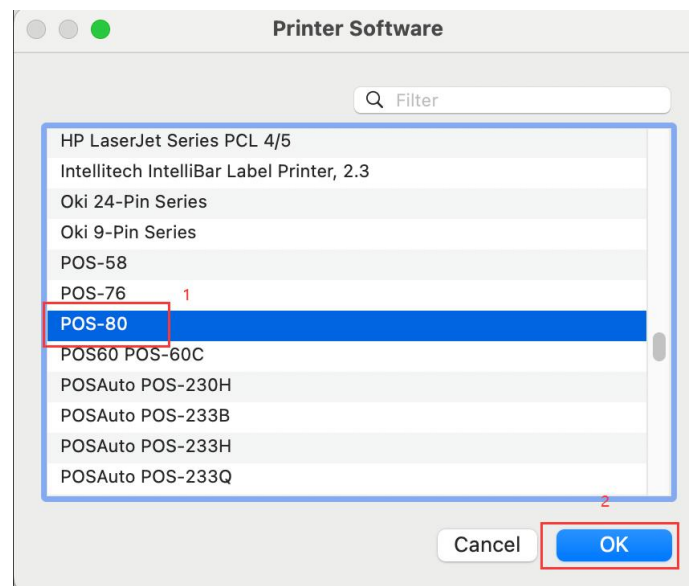
- 6) Choose [Map Icon], enter [Printer IP address], choose [Protocol], click [Use Selection Box]



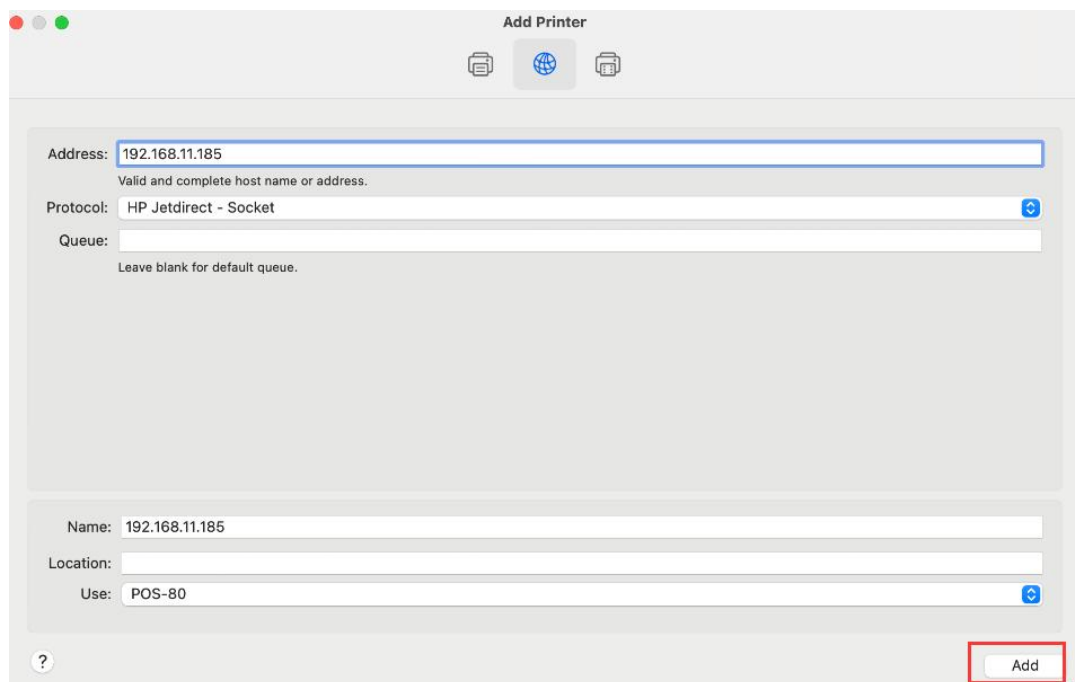
7) Choose [Select Software...]



8) Select [POS-80] and click [OK]

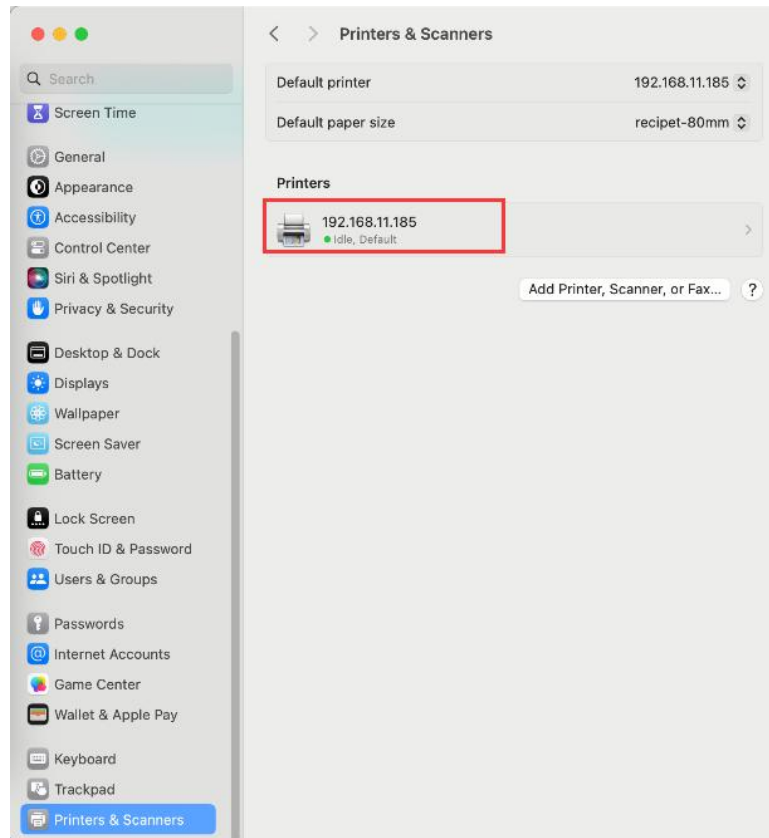


9) Click [Add]

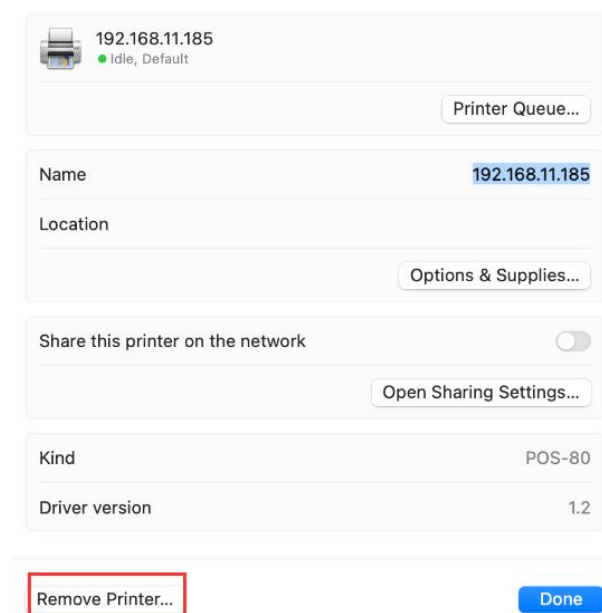


5.1.4. Uninstall Printer

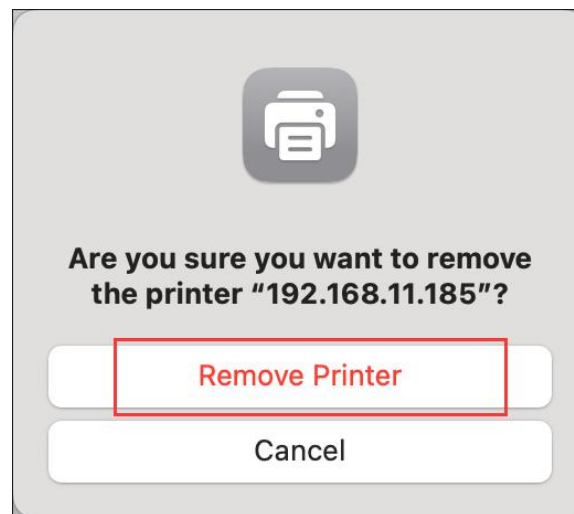
- 1) Enter [System settings] -> [Printers & Scanners] interface,
double-click [**Printer**]



- 2) Click [**Remove Printer**]



3) Click [**Remove Printer**]





5.2. Printer Feature Settings


Enter [**File**] -> [**Print**] interface ,click [**Printer Option**] and select [**Printer Feature**].


5.2.1. Cut Option




Set the printer automatic paper cutting function.

Feature Sets: Cut Options 

1. Page Cut Type: Partial Cut 

2. Document Cut Type: No Cut 

3. Feed Cut After Job End: None 

5.2.2. Cash Drawer Control

Printer connects the Cash Drawer, then set the [**Cash Drawer 1**] open action. Every time you print your job, the cash drawer will automatically open.

Feature Sets: Cash Drawer Control 

1. Cash Drawer 1: Not Cash Drawer 1 

2. Cash Drawer 2: Not Cash Drawer 2 

5.2.3. Buzzer Control

Set the printer alarm sound on or off.

Feature Sets: Buzzer Control

1. Document Buzzer:	No Use
2. Page Buzzer:	No Use
3. Buzzer - On Time:	50 milliseconds
4. Buzzer - Repeat:	1

? Cancel OK

5.2.4. Logo Control

Set the logo, and the printer will automatically print the logo on the receipt.

- 1) Add the Logo to printer, please refer to section [2.2.3.](#)
- 2) Set Logo Id.
 - a. Doc-top logo ID: Set the number of logos at the top of the printed receipt.
 - b. Doc-top logo Mode: Set the size of the logo printed at the top of the receipt.
 - c. Doc-top logo Position: Set the position of the logo printed at the top of the receipt.
 - d. Doc-bottom logo ID: Set the number of logos at the bottom of the printed receipt.
 - e. Doc-bottom logo Mode: Set the size of the logo printed at the bottom of the receipt.
 - f. Doc-bottom logo Position: Set the position of the logo printed at the bottom of the receipt.

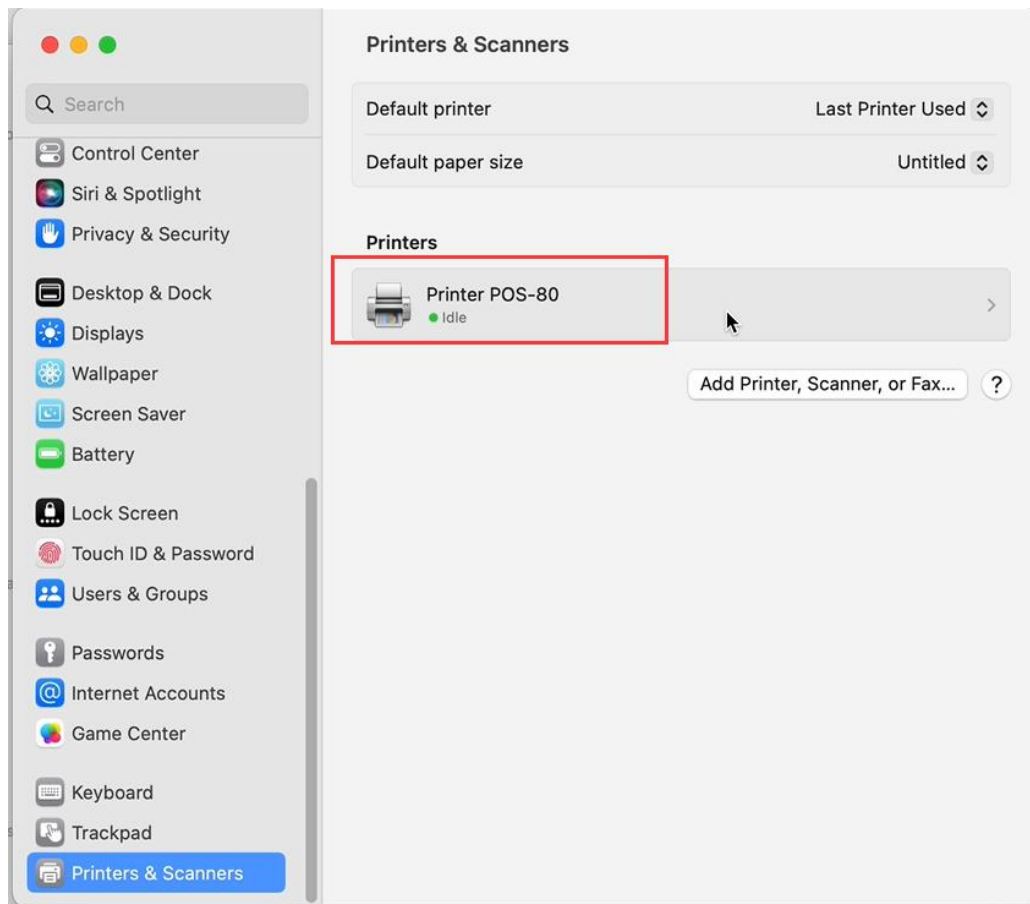
Feature Sets: Logo Control

1. Doc-Top Logo ID:	None
2. Doc-Top Logo Mode:	Normal
3. Doc-Top Logo Position:	Left justification
4. Doc-Bottom Logo ID:	None
5. Doc-Bottom Logo Mode:	Normal
6. Doc-Bottom Logo Position:	Left justification

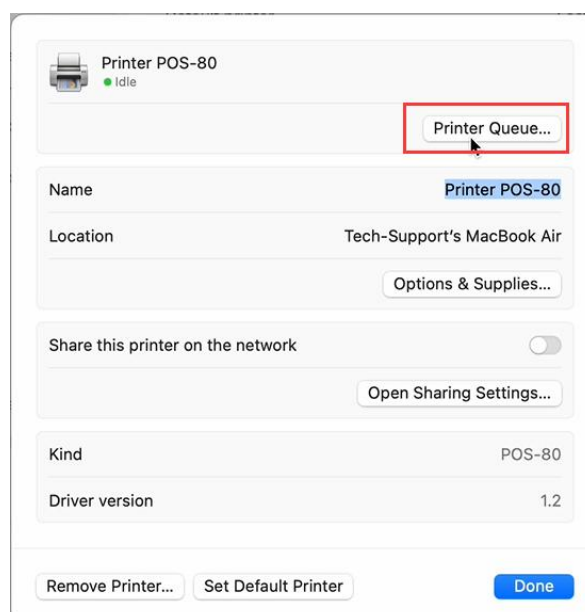
? Cancel OK

5.3. Print Test Page

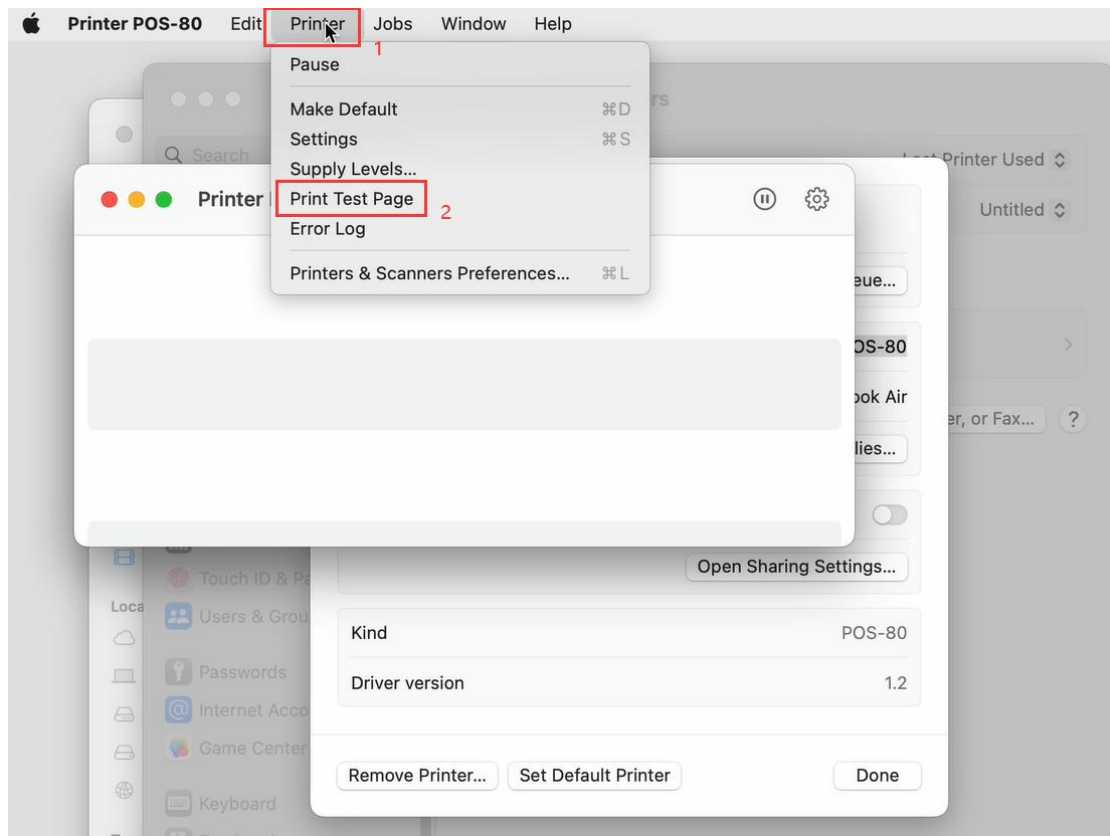
- 1) Enter [System settings] -> [Printers & Scanners] interface, double-click [Printer POS-80]



- 2) Click [Printer Queue...]



3) Click [**Printer**] and select [**Print Test Page**], printer will print a test page.

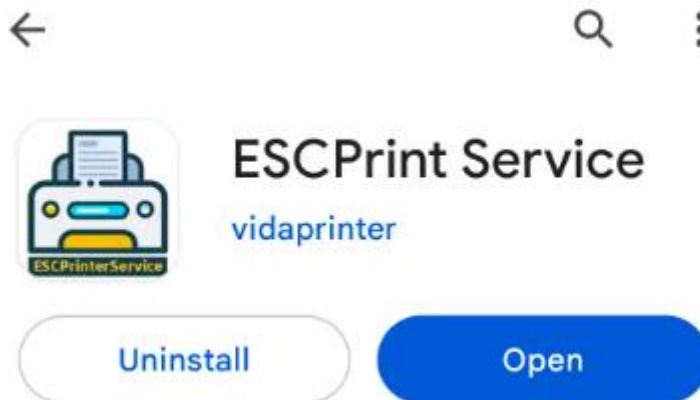


6. Android System

6.1. Installation and Uninstallation

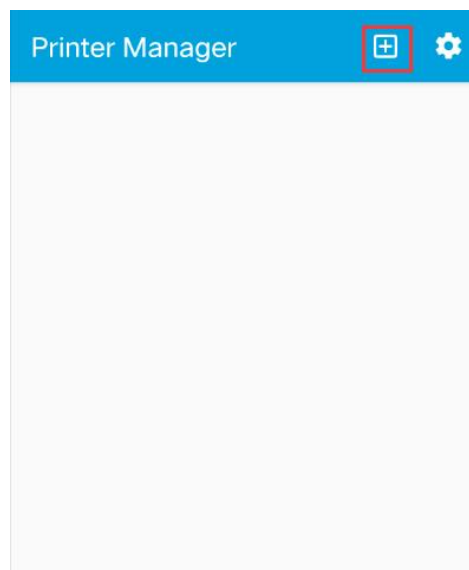
6.1.1. Install Driver

Search "ESCPrint Service" installer on Google Play and install the driver.



6.1.2. Install Via USB

- 1) Turn on the printer.
- 2) Connect the printer to your android phone via USB
- 3) Click [+] icon



4) Enter Printer Info And Add Printer

The screenshot shows the 'ESCPrint Service' app interface. At the top, there is a blue header bar with a close button (X) on the left and a checkmark button (✓) on the right. Below the header, the interface is divided into sections. The first section is 'Printer Name' with the value 'POS-80' and a red box around it. To the right of this section is the instruction '1. Enter Printer Name'. The second section is 'Printer Attribute' with a red title. Below it is the 'Type' section with the value 'USB' and a red box around it, with the instruction '2. Select USB' to its right. The third section is 'Device/Address' with a red box around it, with the instruction '3. Click to search printer' to its right. The fourth section is 'Media' with the value '80(72MM)' and a red box around it, with the instruction '4. Select Paper Width' to its right. The fifth section is 'Print Length(80 – 350mm)' with the value '210' and a red box around it, with the instruction '5. Set Print Length' below it. Below these sections is the 'Transmission Compression' section with the text 'Only available for some models.' and an unchecked checkbox. At the bottom is the 'Scaling Ratio' section with the value '1:1'. A red checkmark icon is visible in the top right corner of the app window.

ESCPrint Service

Printer Name
POS-80

1. Enter Printer Name

Printer Attribute

Type
USB

2. Select USB

Device/Address

3. Click to search printer

Media
80(72MM)

4. Select Paper Width

Print Length(80 – 350mm)
210

5. Set Print Length

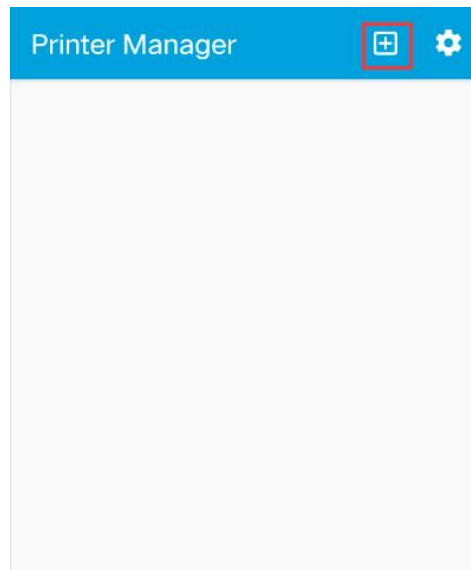
Transmission Compression
Only available for some models.

Scaling Ratio
1:1

6. Click "✓"

6.1.3. Install Via LAN/Wi-Fi

- 5) Turn on the printer.
- 6) Connect the Android Phone to the router using Wi-Fi.
- 7) Connect the printer to the router using a network cable or Wi-Fi. The printer must be connected to the same network segment as the Android Phone .
- 8) Please refer to [3.1./3.2.](#) Configure the printer LAN/Wi-Fi.
- 9) Click [+] icon



10) Enter Printer Info And Add Printer

A screenshot of the 'ESCPrint Service' dialog box. The title bar is blue with a close button (X) on the left and a checkmark button on the right. The main area is white and contains several labeled input fields. Red boxes highlight the input values, and red text provides instructions for each field. The fields and their values are: 'Printer Name' with 'POS-80', 'Type' with 'ETHERNET', 'Device/Address' with '192.168.11.185', 'Media' with '80(72MM)', and 'Print Length(80 - 350mm)' with '210'. The 'Scaling Ratio' is set to '1:1'.

ESCPrint Service

6.click "✓"

Printer Name
POS-80 1.Enter Printer Name

Printer Attribute

Type
ETHERNET 2.Select "ETHERNET"

Device/Address
192.168.11.185 3.Enter Printer IP Address

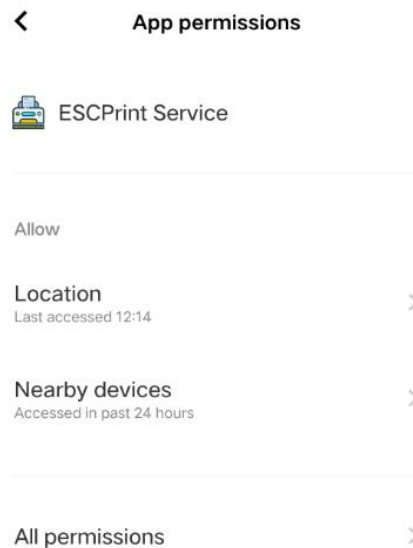
Media
80(72MM) 4.Choose Paper Width

Print Length(80 - 350mm)
210 5.Enter Print Length

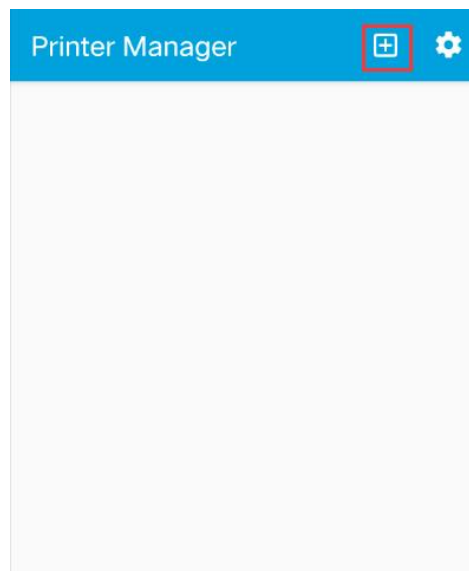
Scaling Ratio
1:1

6.1.4. Install Via Bluetooth

- 1) Turn on printer and turn on Bluetooth on your Android phone.
- 2) Please note that you need to grant the [ESCPrint Service] "**Bluetooth**", "**Location**" and "**Search for nearby devices**" permissions.



- 3) Open [ESCPrint Service] APP, click [+] icon



4) Enter Printer Info

ESCPrint Service

Printer Name 1. Enter Printer Name

Printer Attribute

Type BLUETOOTH 2. Choose BLUETOOTH

Device/Address 3. Click "Device/Address" to search device

Media 58MM

Print Length(80 - 350mm) 210

Transmission Compression ☐

Scaling Ratio 1:1

5) Search Printer via “BLUETOOTH”

ESCPrint Service

Printer Name POS-80

Printer Attribute

Type BLUETOOTH

Device/Address

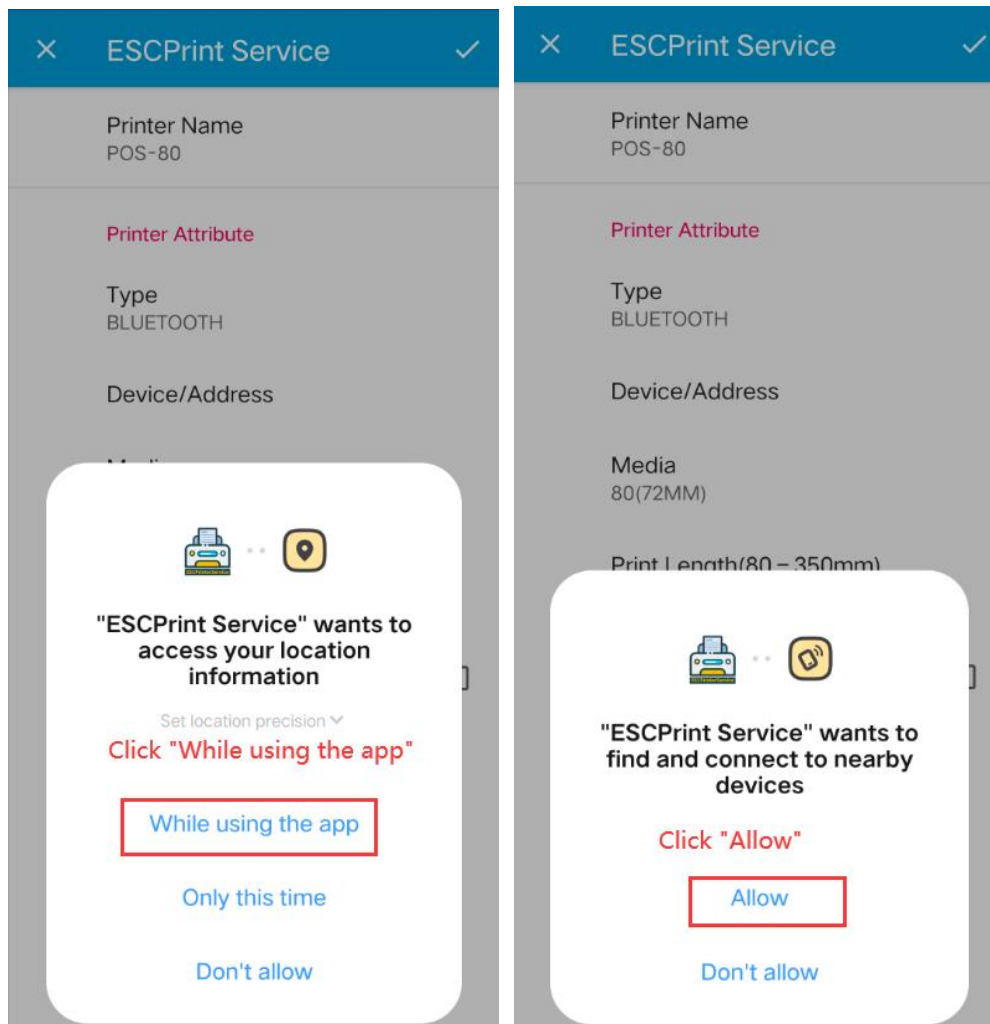
Prompt

ESCPrint Service App collects location data to enable setup your printer's Bluetooth connection always in use.

disagree agree Click "agree"

Transmission Compression ☐

Scaling Ratio 1:1



6) Select **[Printer]**, printer default name is **[Printer001]**



7) Add Printer

ESCPrint Service

Printer Name
POS-80

3.Click "✓"

Printer Attribute

Type
BLUETOOTH

Device/Address
DC:0D:30:DD:CA:72

Media
80(72MM)

1.Choose Paper width

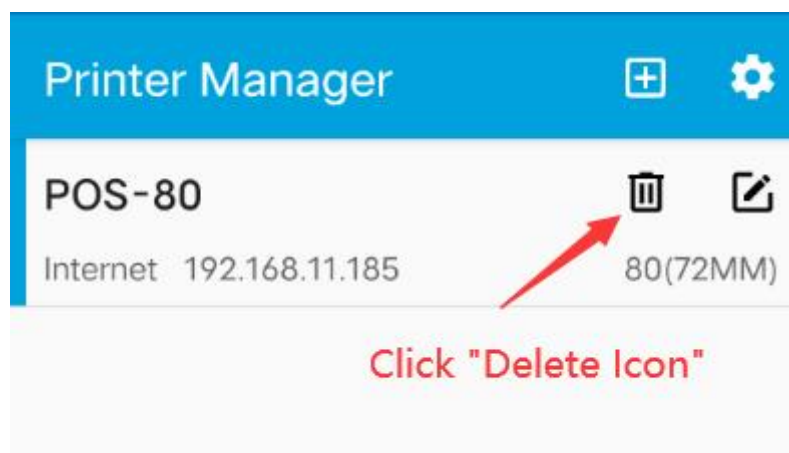
Print Length(80 - 350mm)
210

2.Enter Print Length

Transmission Compression
Only available for some models. ☐

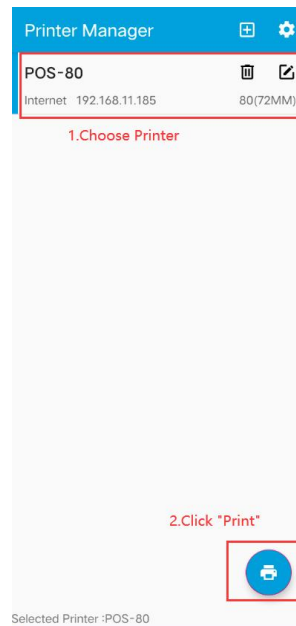
Scaling Ratio
1:1

6.1.5. Uninstall Printer

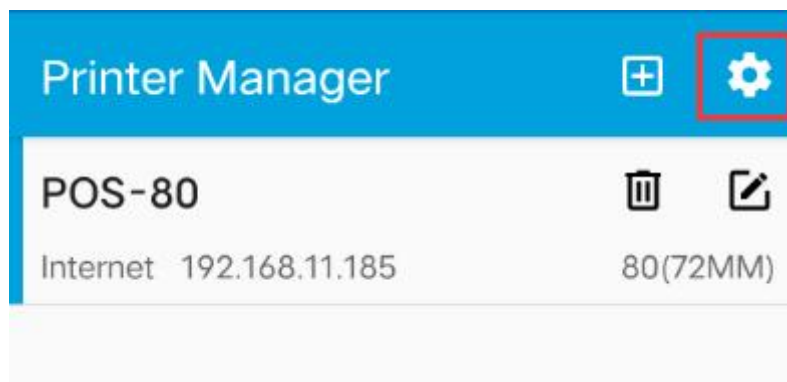


6.2. Print a Test Page

If the printer is added successfully, click Print and a test page will be printed.

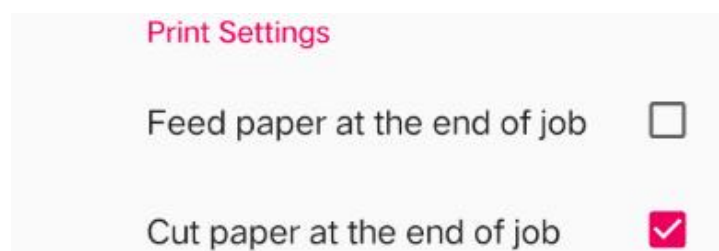


6.3. Android Printer Settings



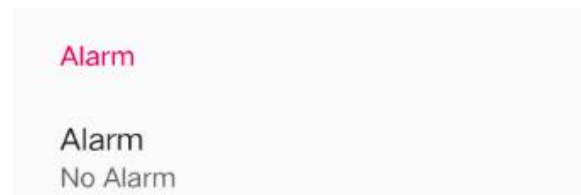
6.3.1. Print Settings

- 1) Set the bottom of the receipt to add space
- 2) Set the printer automatic paper cutting function.



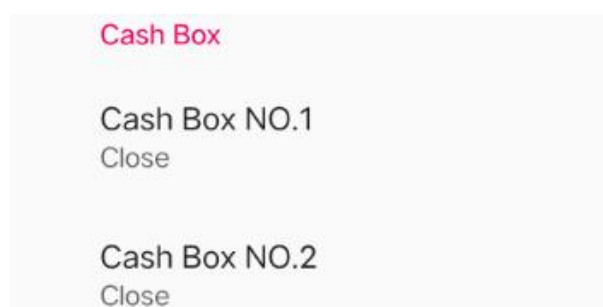
6.3.2. Alarm

Set the printer alarm sound on or off.



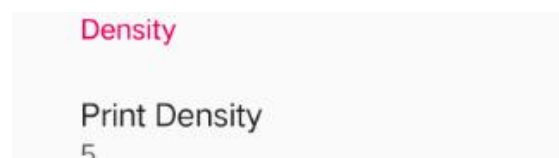
6.3.3. Cash Box

Set the cash drawer open action.



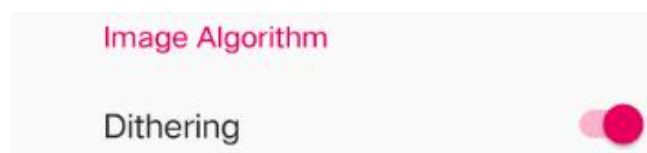
6.3.4. Density

Set the printing density



6.3.5. Image Algorithm

Set image dithering



6.3.6. Saving Paper Function

Reduce blanks at top/middle/bottom of the receipt.



7. Chrome OS System

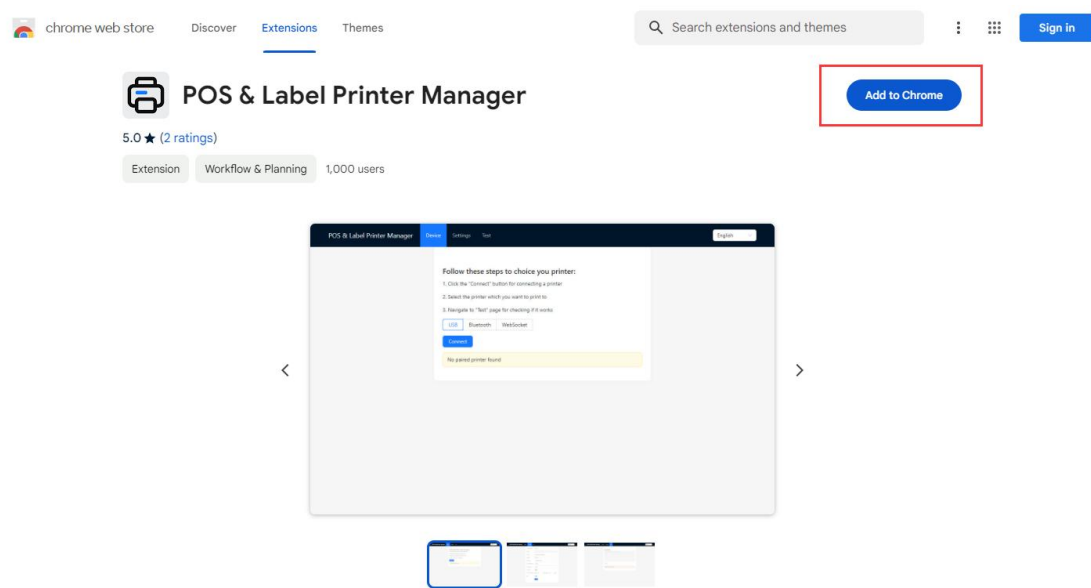
7.1. Installation

1) Downlink:

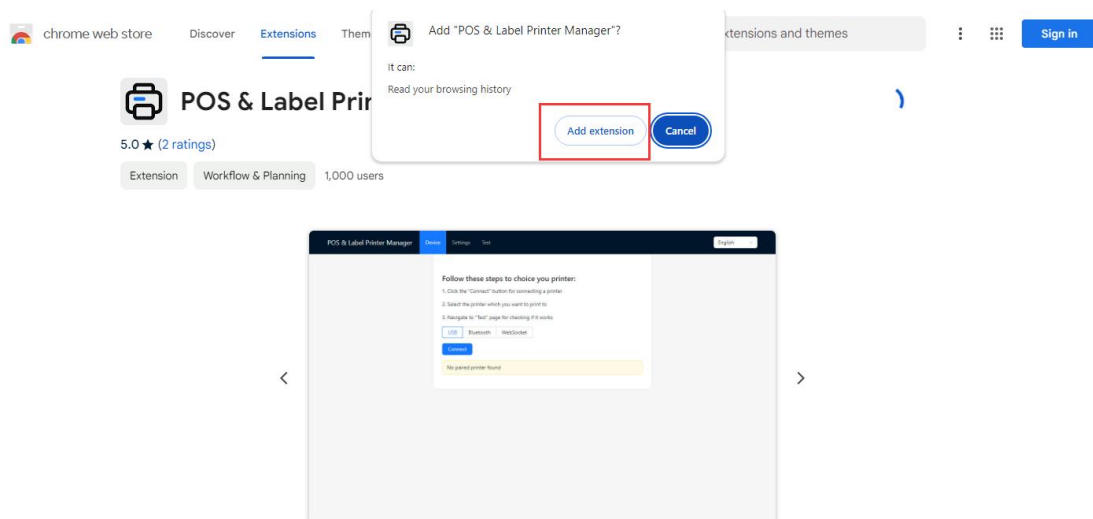
https://chromewebstore.google.com/detail/pos-printer-manager/ngmlmeaknfjiomiklcdjmoajhdompmii?hl=en-US&utm_source=ext_sidebar

Enter this link into Chrome.

2) Click [Add to Chrome]

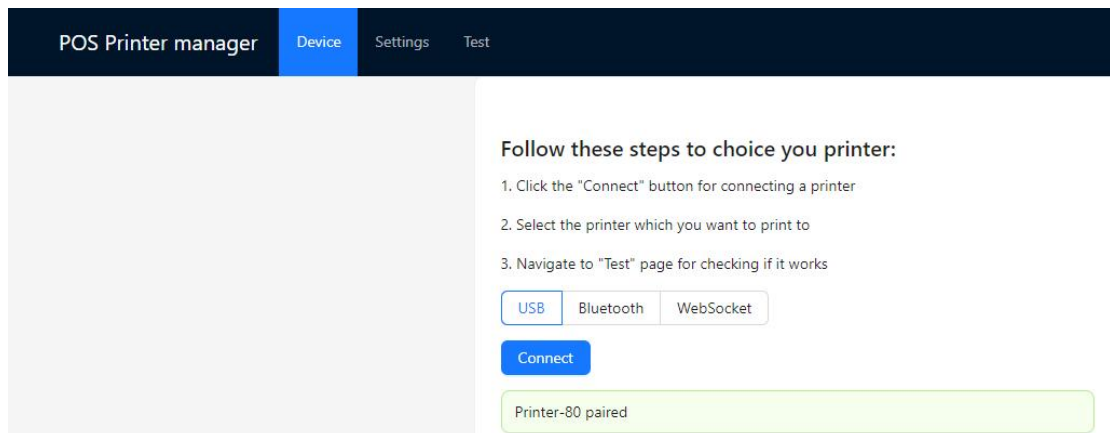
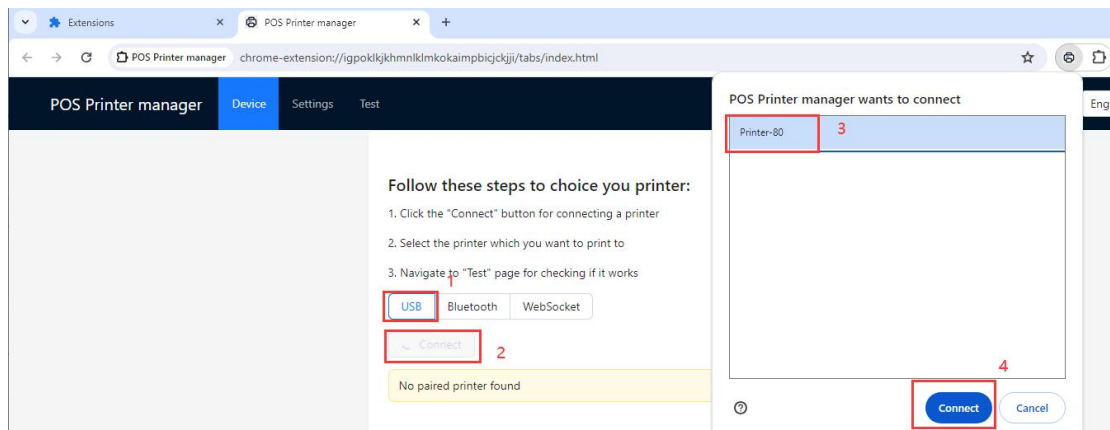


3) Click [Add extension]



7.2. Connect printer via USB

- 1) Turn on printer and connect to the computer via USB.
- 2) Click the [Extension] icon in the upper right corner of the Chrome browser, select the installed printing plug-in, and jump to the POS Printer manager page.
- 3) Choose [USB], click [Connect]. Select "Printer-80" in the pop-up printer window, and then click [Connect].



7.3. Printer Parameter Configuration

Click **[Setting]** on the printer management page, click the **[Command Type]** drop-down box, and select **[ESC/POS]**.

- 1) **Print density:** Set the print density to a level between 1 and 8.
- 2) **Halftone:** Disable、Error Diffusion
- 3) **Cut Paper:** Different paper cutting methods can be set.
- 4) **Open Cash Drawer:** Set the cash drawer opening method.
- 5) **Paper Saving:** Set different paper saving methods.
- 6) **Custom Paper Size:** The "CUSTOM" option in the paper size during printing refers to the dimensions set for a custom paper size.

POS Printer manager Device **Settings** Test

Command Type: ESC/POS

Speed: 4

Density: Use Printer Current Setting

Halftone: Disabled

Cut Paper: Disabled

Open Cash Drawer: Disabled

Paper Saving: Bottom

Compress: ☐

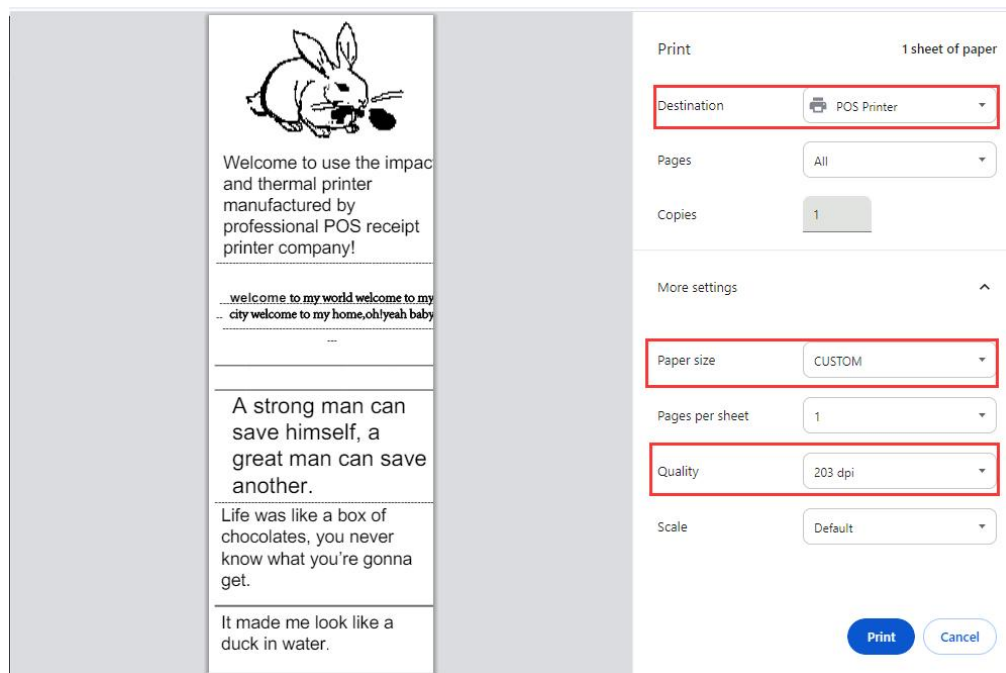
Custom Paper Size: Width mm Height mm

Save

7.4. Print Content

Click print on the page that needs to be printed to jump to the print preview page. You need to confirm the following three points before proceeding with the print job.

- 1) Select the printer (select **[POS Printer]**).
- 2) Select the paper size **[CUSTOM]** (**[CUSTOM]** is the **[Custom Paper Size]** set in the **[Setting]** page of the printer management page).
- 3) Print density (select 203 dpi in the print density drop-down box).



7.5. Uninstallation

Open the extension page, click **[Remove]** below the plug-in, and click "Remove" again in the pop-up window on the upper right side of the page to delete the driver.

