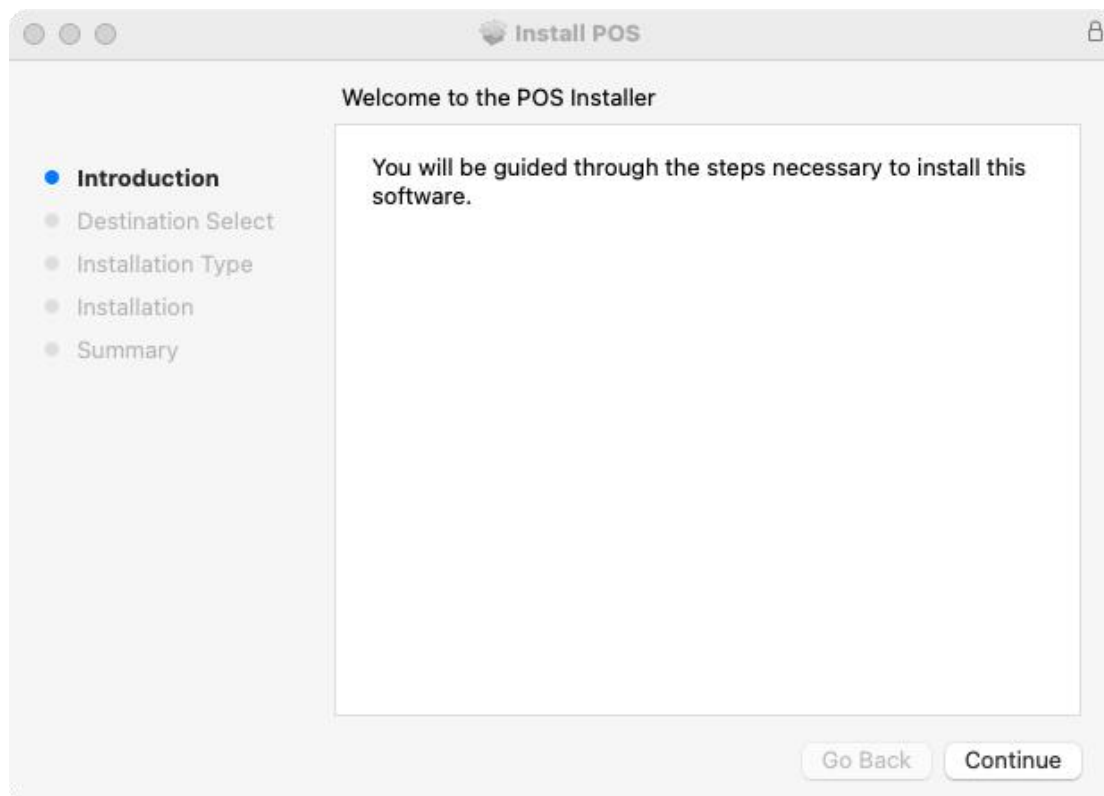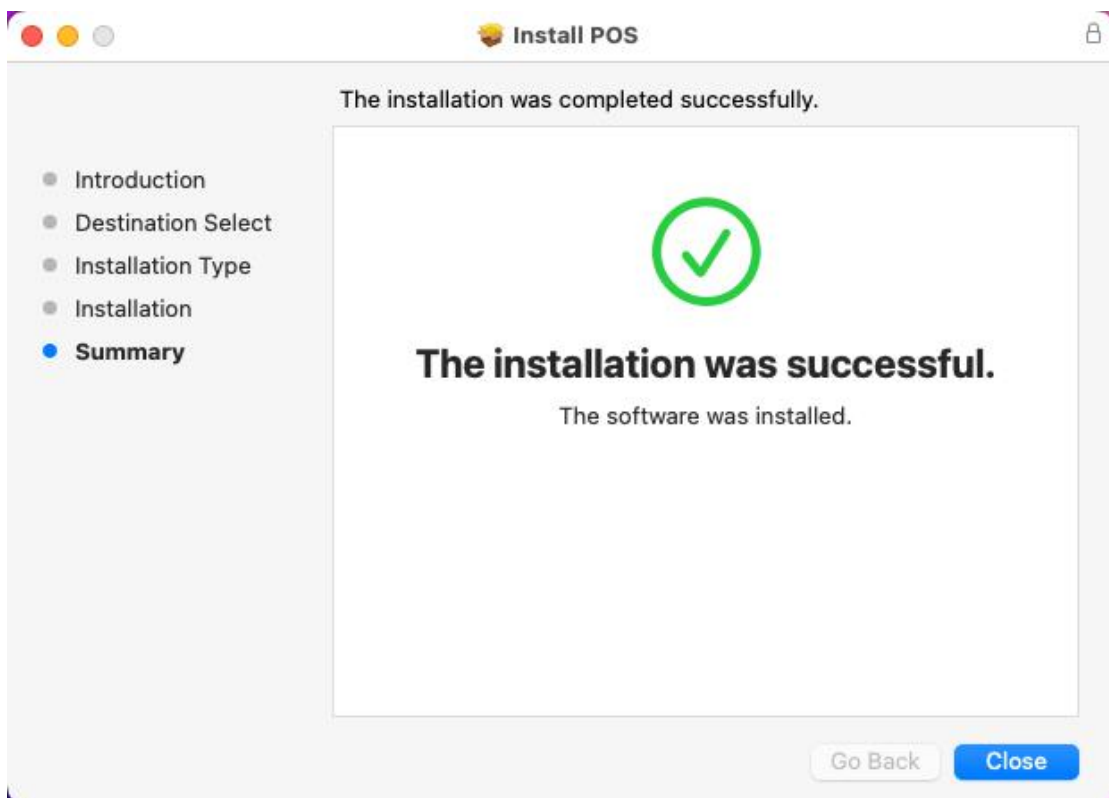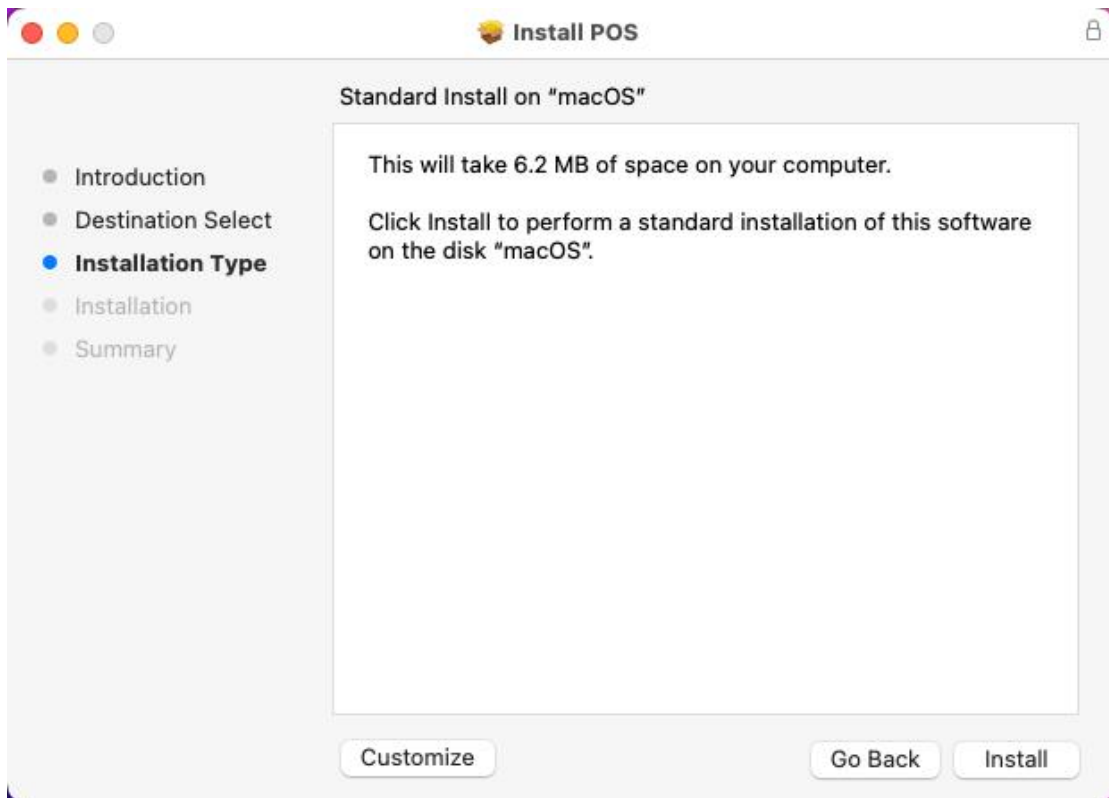# Bill Printer MacOS Driver Documentation

1. Introduction

prt.pos.drv is the MacOS system driver installation package, which, when installed successfully, can be used with Neutral's 58 Series and 80 Series bill printers. This document provides instructions for driver installation, uninstallation, printer driver selection, and printer parameter introduction.

2. Install Bill Driver

Open the prt.pos.drv installation package in the Apple MacOS operating system. Follow the installation instructions, and when the installation page displays the message of successful installation, the installation process is complete.

Standard Install on "macOS"

- Introduction
- Destination Select
- **Installation Type**
- Installation
- Summary

This will take 6.2 MB of space on your computer.

Click Install to perform a standard installation of this software on the disk "macOS".

Customize   Go Back   Install

The installation was completed successfully.

- Introduction
- Destination Select
- Installation Type
- Installation
- **Summary**

The installation was successful.

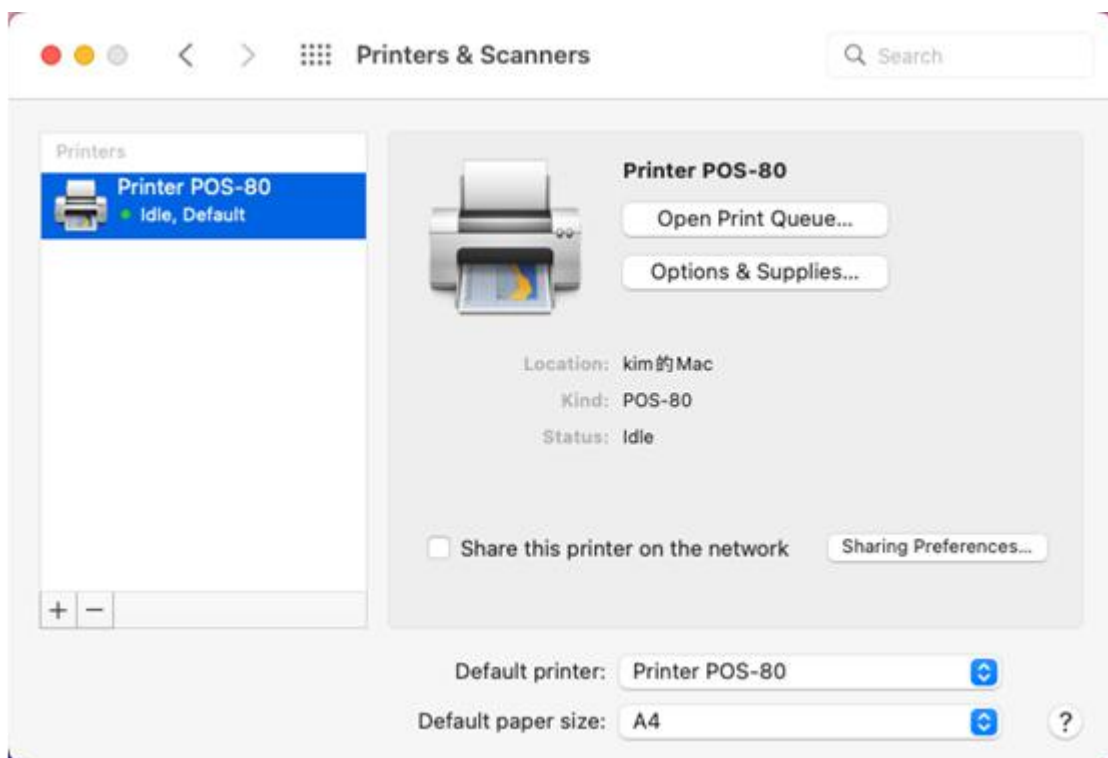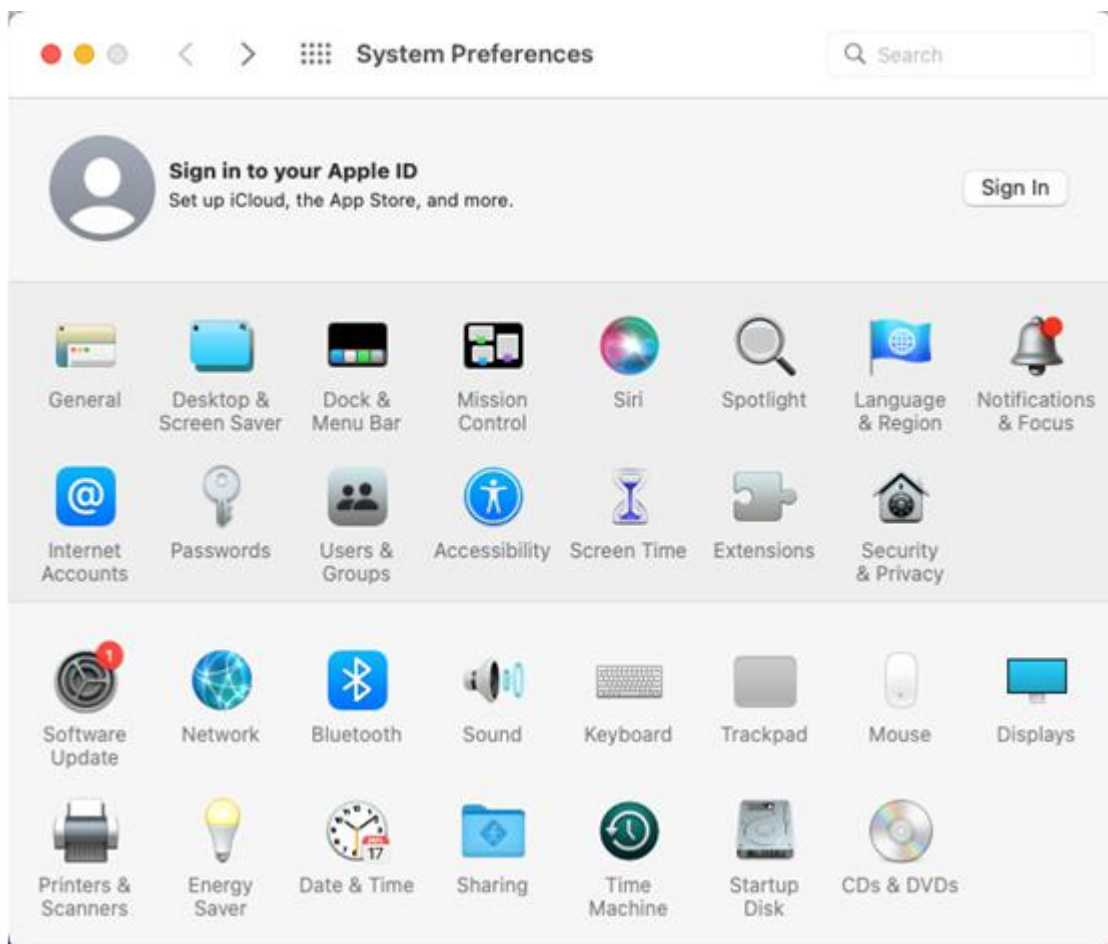The software was installed.

Go Back   Close

3. Printer Select Driver

3.1 Automatic Printer Driver Matching

MacOS system operation method:

After installing the driver, connect the Neutral 58 or 80 series bill printer. Choose the Apple menu > "System Preferences" and select "Printers & Scanners." In the printer and scanner list, you will see the displayed Printer POS-58 or Printer POS-80 printer, which has been automatically added and matched with the corresponding driver. This confirms the successful installation of the printer driver, and you can proceed with printing operations.

System Preferences

Sign in to your Apple ID
Set up iCloud, the App Store, and more.

Sign In

General	Desktop & Screen Saver	Dock & Menu Bar
Mission Control	Siri	Spotlight
Language & Region	Notifications & Focus	

Internet Accounts	Passwords	Users & Groups
Accessibility	Screen Time	Extensions
Security & Privacy		

Software Update	Network	Bluetooth
Sound	Keyboard	Trackpad
Mouse	Displays	

Printers & Scanners	Energy Saver	Date & Time
Sharing	Time Machine	Startup Disk
CDs & DVDs		

Printers & Scanners

Printers

Printer POS-80
● Idle, Default

Printer POS-80

Open Print Queue...

Options & Supplies...

Location: kim的Mac
Kind: POS-80
Status: Idle

☐ Share this printer on the network   Sharing Preferences...

＋ －

Default printer: Printer POS-80

Default paper size: A4   ?

CUPS Print Management System Operation Method:

To connect the printer device, open a browser and enter the URL "localhost: 631" to access the CUPS printing management system. Select "Printers" to enter the printer devices page, where you can see the printer name, driver name, and printer status. If you have connected a 58/80 series bill printer model that is supported by the driver, it will automatically install and match the driver (Printer POS-58 or Printer POS-80) upon printer connection, and you can view it on the "Printers" page.
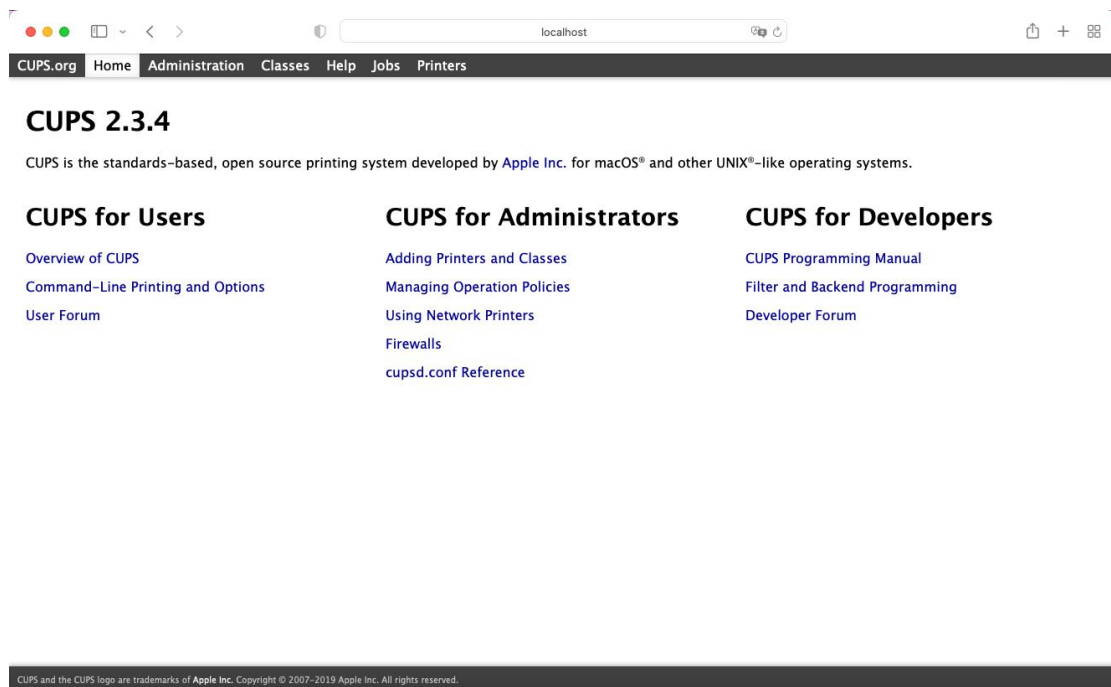
Printer_POS_80

Printer_POS_80 (Idle, Accepting Jobs, Not Shared)

Maintenance Administration
Description: Printer POS-80
Location: kim的Mac
Driver: POS-80 (grayscale)
Connection: usb://Printer/POS-80?location=1600000
Defaults: job-sheets=none, none media=custom_71.97x209.9mm_71.97x209.9mm sides=one-sided

Jobs

Search in Printer_POS_80: Search Clear

Show Completed Jobs Show All Jobs

Jobs listed in print order; held jobs appear first.

3.2 Manually Adding a Printer and Selecting the Drive

MacOS system operation method:

To connect a Neutral 58 or 80 series bill printer, choose the Apple menu > "System Preferences" and select "Printers & Scanners." Below the printer and scanner list, click the add button "+" and select the printer. Expand the "Use" section and click "Select File" to expand all installed drivers. If

the POS-58 or POS-80 drivers are included, it indicates that the driver installation was successful. Select the driver and click "Add" to complete the printer addition. You will see the printer in the printer and scanner list.
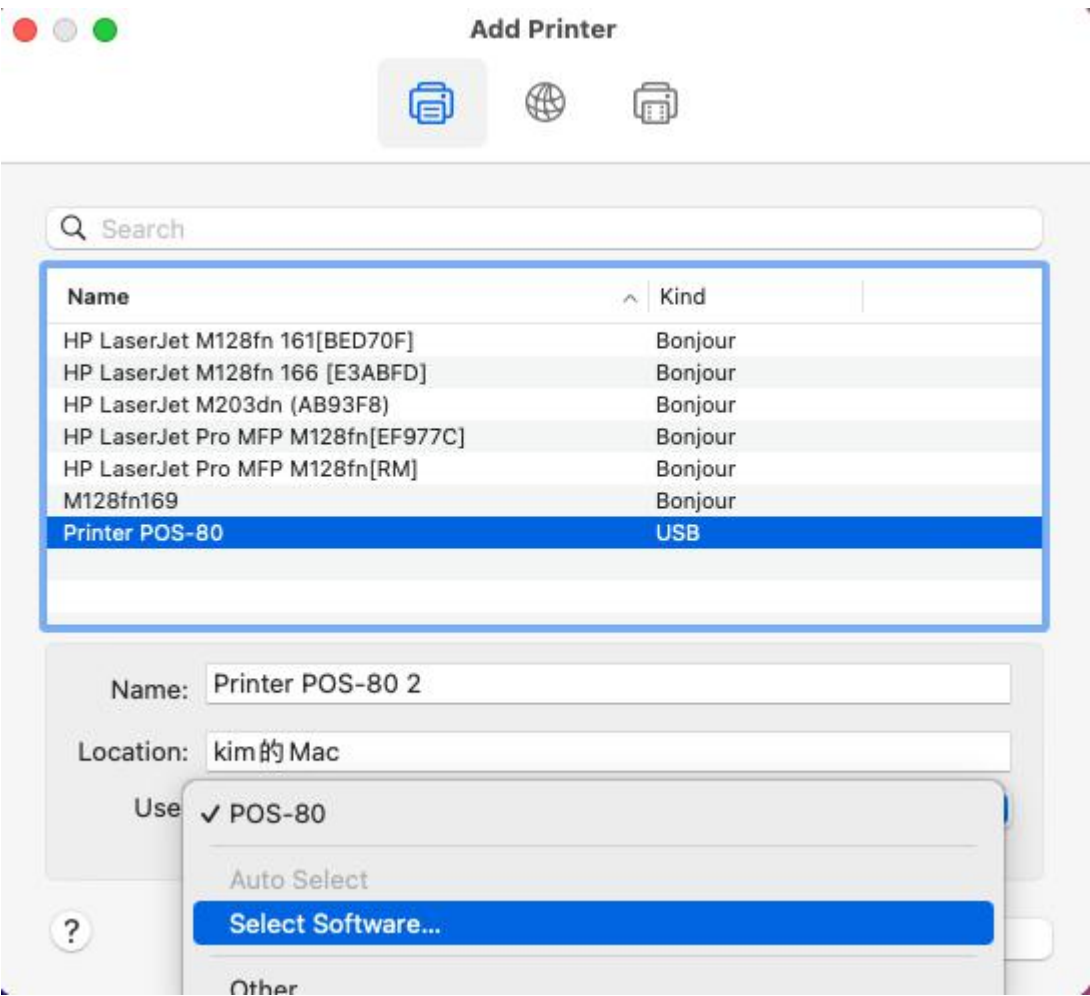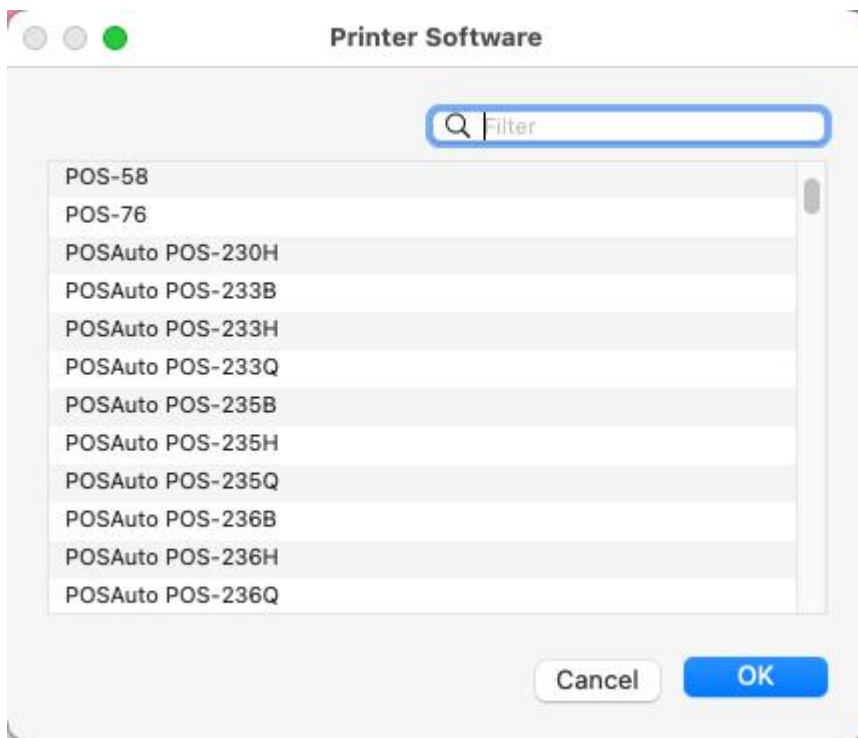
CUPS Print Management System Operation Method:

Open a browser and enter the address localhost: 631> "Administration" and select "Add Printer" to add a printer. You can add a new printer and select the driver. In "Local Printers," select the desired printer. Enter the printer name in the "Description" field. Under "Make," select "POS" from the drop-down menu and choose the corresponding printer driver. Finally, click "Add Printer" to complete the driver selection.

Add Printer

Add Printer

Local Printers: ○ Printer POS-80 (Printer POS-80)

Discovered Network Printers: ○ HP LaserJet M128fn 161[BED70F] (Hewlett-Packard HP LaserJet Pro MFP M128fn)
○ HP LaserJet M128fn 166 [E3ABFD] (Hewlett-Packard HP LaserJet Pro MFP M128fn)
○ HP LaserJet M203dn (AB93F8) (HP LaserJet M203-M206)
○ HP LaserJet Pro MFP M128fn[EF977C] (Hewlett-Packard HP LaserJet Pro MFP M128fn)
○ HP LaserJet Pro MFP M128fn[RM] (Hewlett-Packard HP LaserJet Pro MFP M128fn)
○ M128fn169 (Hewlett-Packard HP LaserJet Pro MFP M128fn)

Other Network Printers: ○ Internet Printing Protocol (http)
○ Internet Printing Protocol (ipp)
○ Internet Printing Protocol (ipps)
○ Internet Printing Protocol (https)
○ LPD/LPR Host or Printer
○ AppSocket/HP JetDirect
○ Windows printer via spoolss

[Continue]

Add Printer

Add Printer

Name: Printer_POS-80
(May contain any printable characters except "/", "#", and space)

Description: Printer POS-80
(Human-readable description such as "HP LaserJet with Duplexer")

Location:
(Human-readable location such as "Lab 1")

Connection: usb://Printer/POS-80?location=1710000|Printer POS-80

Sharing: ☑ Share This Printer

[Continue]

4. Printer Management

Printer Status Adjustment

In the CUPS Print Management System page, select "Printers" to enter the printer device page. Click "Maintenance" to expand the dropdown menu. You can use the following functions to adjust the printer status:

"Print Test Page";

"Pause Printer/Resume Printer";

"Reject Jobs/Accept Job";

"Move All Jobs";

"Cancel All Jobs".
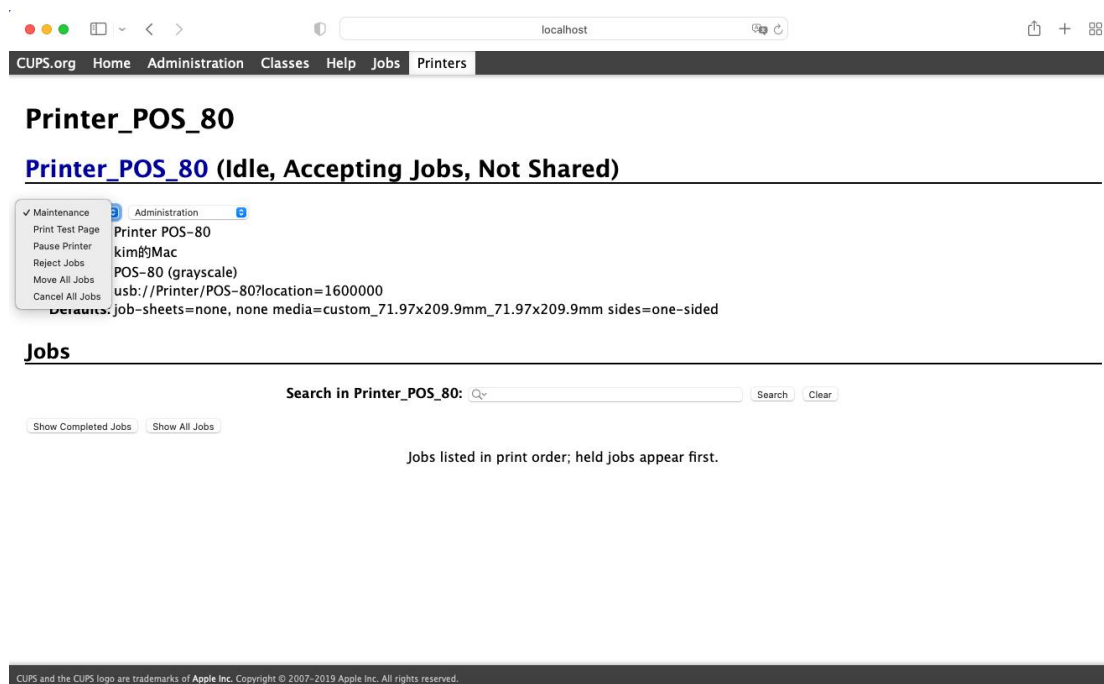
Printer Parameter Settings
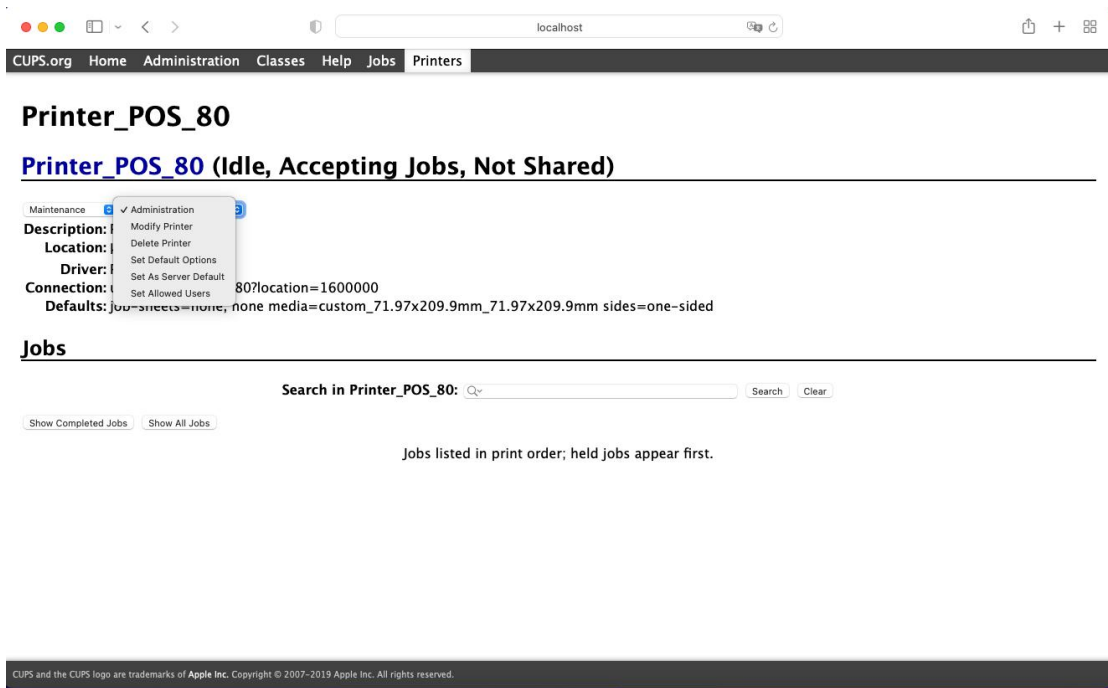
CUPS Print Management System Operation Method:

Click "Administration" to expand the dropdown menu. You can modify printer parameters using the following settings:

"Modify Printer";

"Delete Printer";

"Set Default Options"

"Set As Server Default";

"Set Allowed users".

Printer_POS_80

Printer_POS_80 (Idle, Accepting Jobs, Not Shared)

Maintenance   ✓ Administration
                  Modify Printer
Description: Delete Printer
Location: Set Default Options
Driver: Set As Server Default
Connection: Set Allowed Users   80?location=1600000
Defaults: job-sheets=none, none media=custom_71.97x209.9mm_71.97x209.9mm sides=one-sided

Jobs

Search in Printer_POS_80: [Q﹀   ] [Search] [Clear]

[Show Completed Jobs] [Show All Jobs]

Jobs listed in print order; held jobs appear first.

"Modify Printer";

Select the desired printer in "Local Printers," enter the printer name in the "Description" field, select "POS" under "Select Another Make/Manufacturer," and choose the corresponding printer driver. Finally, click "Modify Printer" to complete the driver selection.

Modify Printer

Modify Printer_POS_80

Current Connection: ● usb://Printer/POS-80?location=1600000
Local Printers: ○ Printer POS-80 (Printer POS-80)
Discovered Network Printers: ○ HP LaserJet M128fn 161[BED70F] (Hewlett-Packard HP LaserJet Pro MFP M128fn)
                    ○ HP LaserJet M128fn 166 [E3ABFD] (Hewlett-Packard HP LaserJet Pro MFP M128fn)
                    ○ HP LaserJet M203dn (AB93F8) (HP LaserJet M203-M206)
                    ○ HP LaserJet Pro MFP M128fn[EF977C] (Hewlett-Packard HP LaserJet Pro MFP M128fn)
                    ○ HP LaserJet Pro MFP M128fn[RM] (Hewlett-Packard HP LaserJet Pro MFP M128fn)
                    ○ M128fn169 (Hewlett-Packard HP LaserJet Pro MFP M128fn)
Other Network Printers: ○ Internet Printing Protocol (https)
                    ○ LPD/LPR Host or Printer
                    ○ Internet Printing Protocol (ipps)
                    ○ Internet Printing Protocol (http)
                    ○ Internet Printing Protocol (ipp)
                    ○ Windows printer via spoolss
                    ○ AppSocket/HP JetDirect
                    [Continue]

Modify Printer

Modify Printer_POS_80

Description: `Printer POS-80`
(Human-readable description such as "HP LaserJet with Duplexer")

Location: `kim的Mac`
(Human-readable location such as "Lab 1")

Connection: usb://Printer/POS-80?location=1600000

Sharing: ☐ Share This Printer

[Continue]

Modify Printer

Modify Printer_POS_80

Description: Printer POS-80

Location: kim的Mac

Connection: usb://Printer/POS-80?location=1600000

Sharing: Do Not Share This Printer

Make: POS [Select Another Make/Manufacturer]

Model:
```
Current Driver - POS-80
POS-80 (en)
POS-58 (en)
POS-76 (en)
```

Or Provide a PPD File: [Choose File] no file selected

[Modify Printer]

Modify Printer

Modify Printer_POS_80

Description: Printer POS-80
Location: kim的Mac
Connection: usb://Printer/POS-80?location=1600000
Sharing: Do Not Share This Printer
Make:
DYMO
Epson
Generic
HP
Intellitech
Oki
POS
POSAuto
Raw
Zebra

Continue

Or Provide a PPD File: Choose File   no file selected

Modify Printer
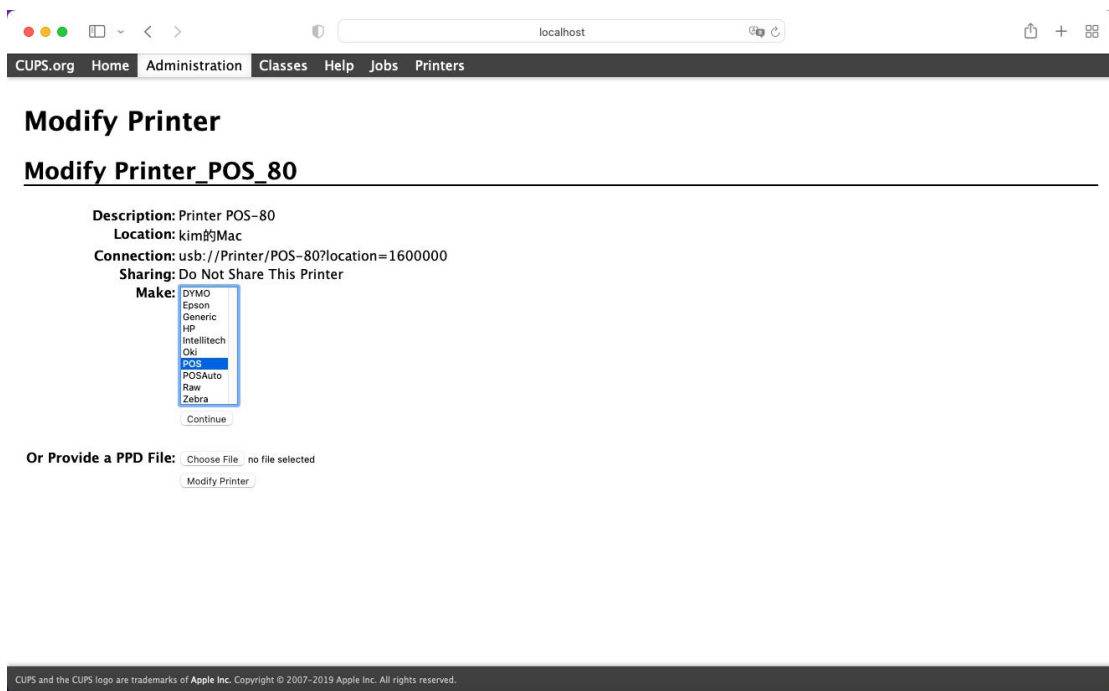
"Set Default Options"

General (General)

Paper Size: Set the paper size for printing. The list includes preset paper sizes, or you can choose "Custom" to customize the paper size.

CUPS.org Home Administration Classes Help Jobs Printers

Set Printer Options

Set Default Options for Printer_POS_80

General Control **Quality Banners** **Effects Policies** **Cut Options** **Cash Drawer Control** **Buzzer Control** **Logo**

General

Media Size: 80(72mm) * 210mm ▢

Set Default Options
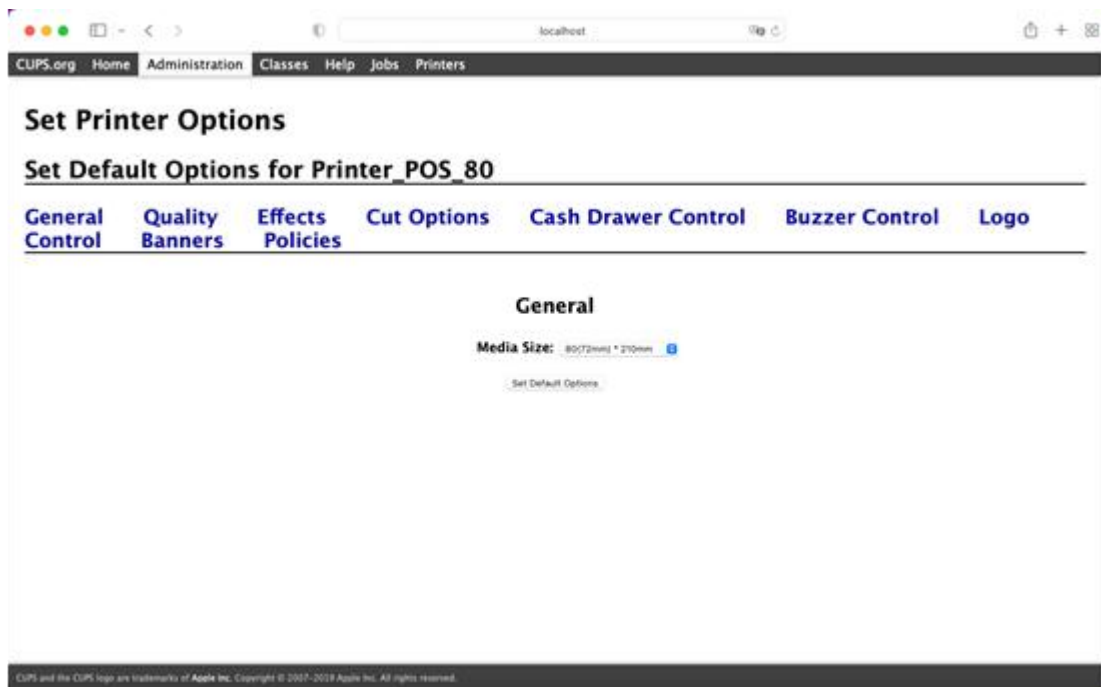
Effect (Effect)

1. Brightness: -50, -40, -30, -20, -10, 0, 10, 20, 30, 40, 50 can be set
2. Dithering: Choose between "None" and "Error Diffusion"

CUPS.org Home Administration Classes Help Jobs Printers

Set Printer Options

Set Default Options for Printer_POS_80

General Control **Quality Banners** **Effects Policies** **Cut Options** **Cash Drawer Control** **Buzzer Control** **Logo**

Effects

Brightness: 0 ▢
Halftone Type: None ▢

Set Default Options
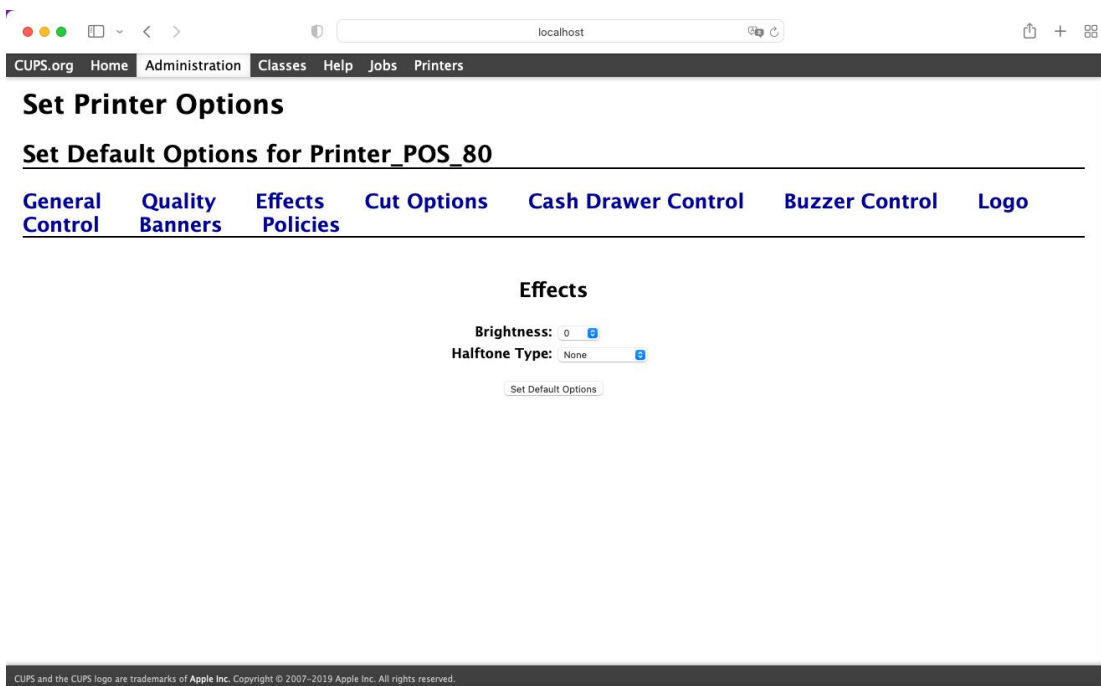
Cut Option (Cut Option)

1. Page Cut Type (Page Cut Type): You can set "No Cut" (Do not perform cutting), "Partial Cut"(Partial Cut means Perform partial cutting), or "Full Cut" (Cut it all off). If the printer only has the "Full Cut" function, setting "Partial Cut" will have no effect, and the printer will still perform a full cut. Similarly, if the printer only has the "Partial Cut" function, setting "Full Cut" will have no effect.

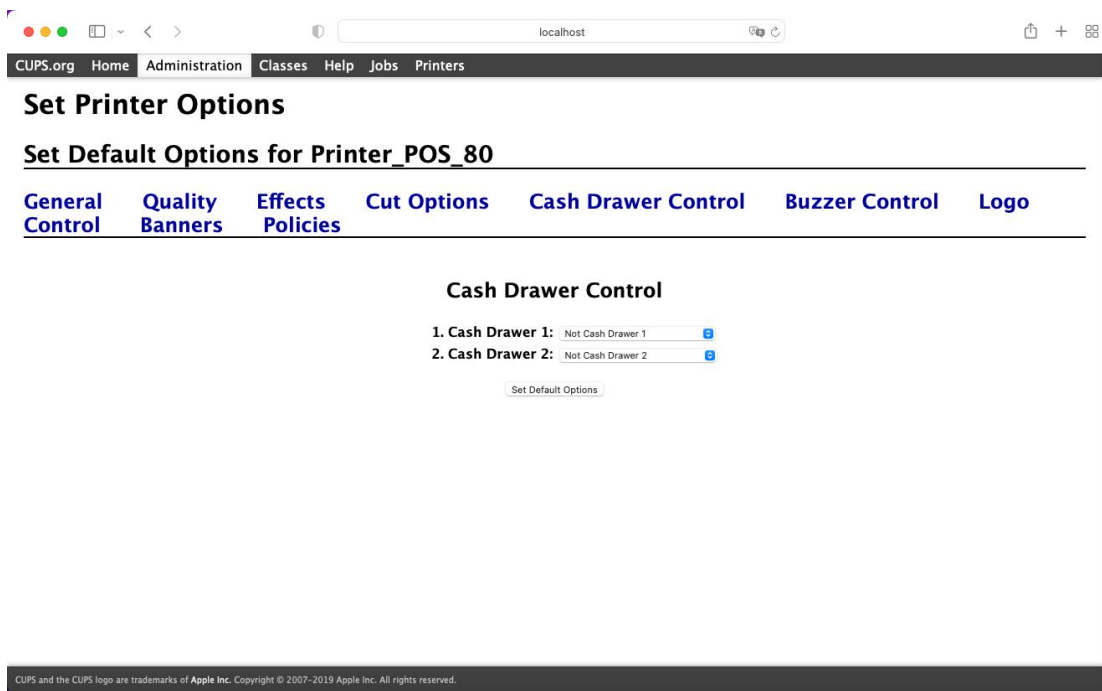2. Document Cut Type (Document Cut Type): You can set No Cut (No Cut), Partial Cut (Perform partial cutting), and Full Cut (Cut it all off).

3. Feed Cut After Job End (Feed Cut After Job End): The length of the paper left after cutting is adjustable. It can be set to "None" (None) for no extra paper, or select 1 Line-15 Line (1-15 lines) to leave as extra paper
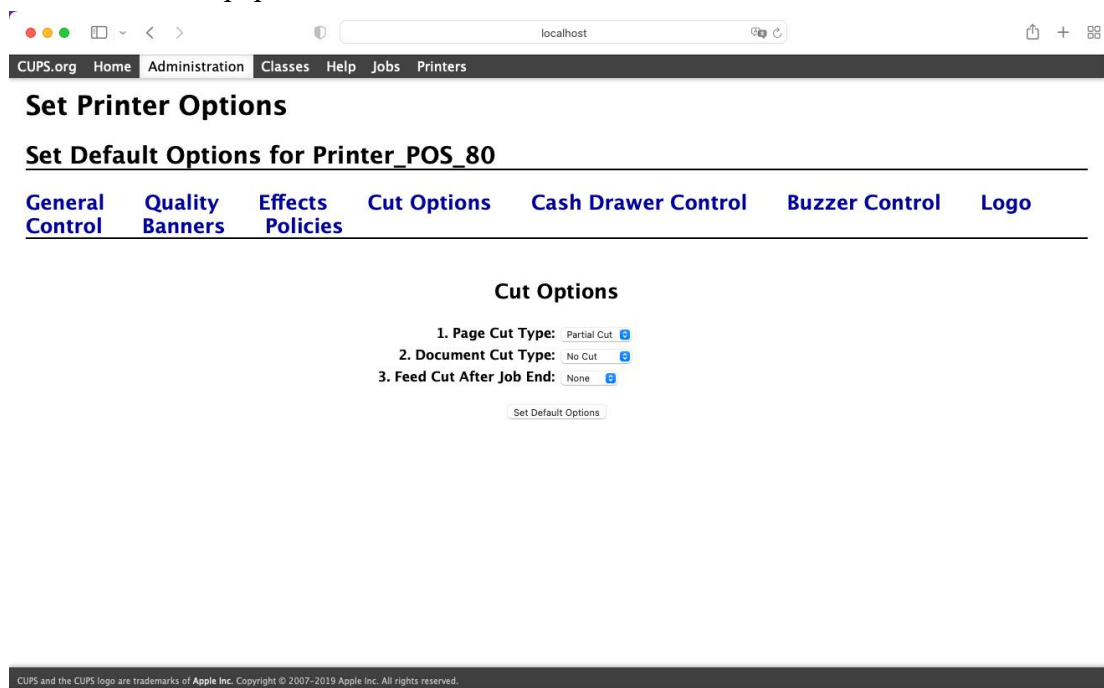
Cash Drawer Control (Cash Drawer Control)

1. Cash Drawer 1 (Cash Drawer 1): Not Cash Drawer 1 (Not Cash Drawer), Cash Drawer 1 Before Printing (Cash Drawer Before Printing), Cash Drawer 1 After Printing (Cash Drawer After Printing). The printer needs to be connected to the cash drawer before setting this function.

2. Cash Drawer 2 (Cash Drawer 2): Not Cash Drawer 1 (Not Cash Drawer), Cash Drawer 1 Before Printing (Cash Drawer Before Printing), Cash Drawer 1 After Printing (Cash Drawer After Printing)

Set Printer Options

Set Default Options for Printer_POS_80

General Control   Quality Banners   Effects Policies   Cut Options   Cash Drawer Control   Buzzer Control   Logo

Cash Drawer Control

1. **Cash Drawer 1:** Not Cash Drawer 1
2. **Cash Drawer 2:** Not Cash Drawer 2

Set Default Options

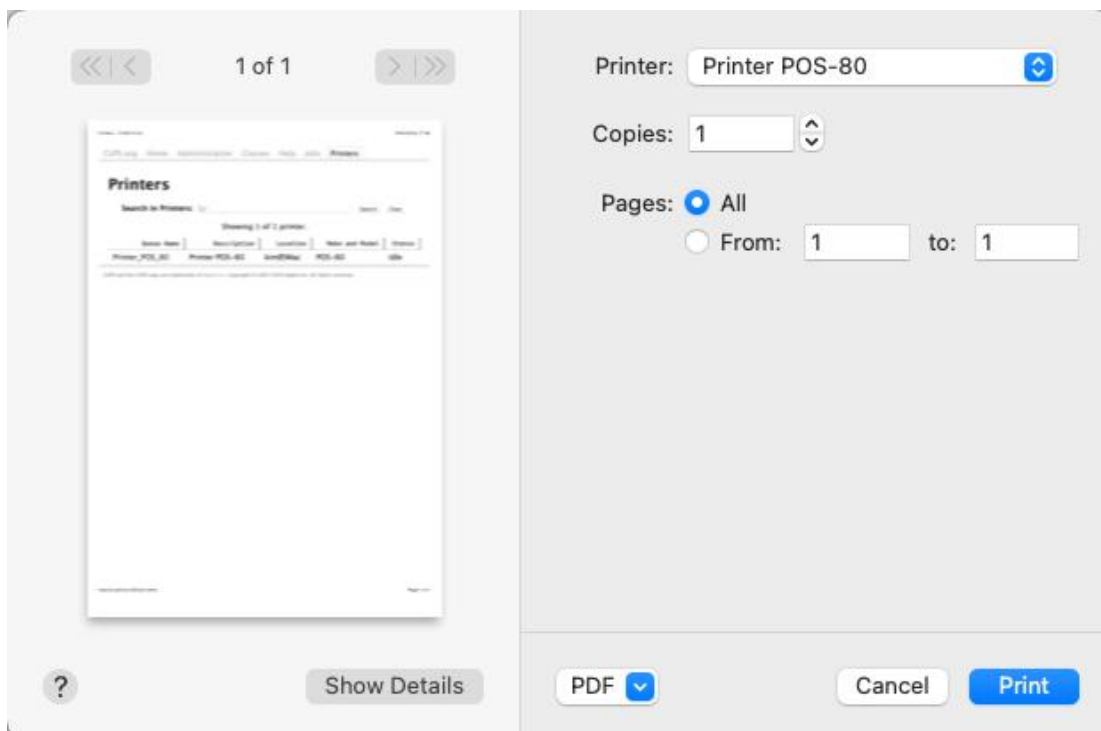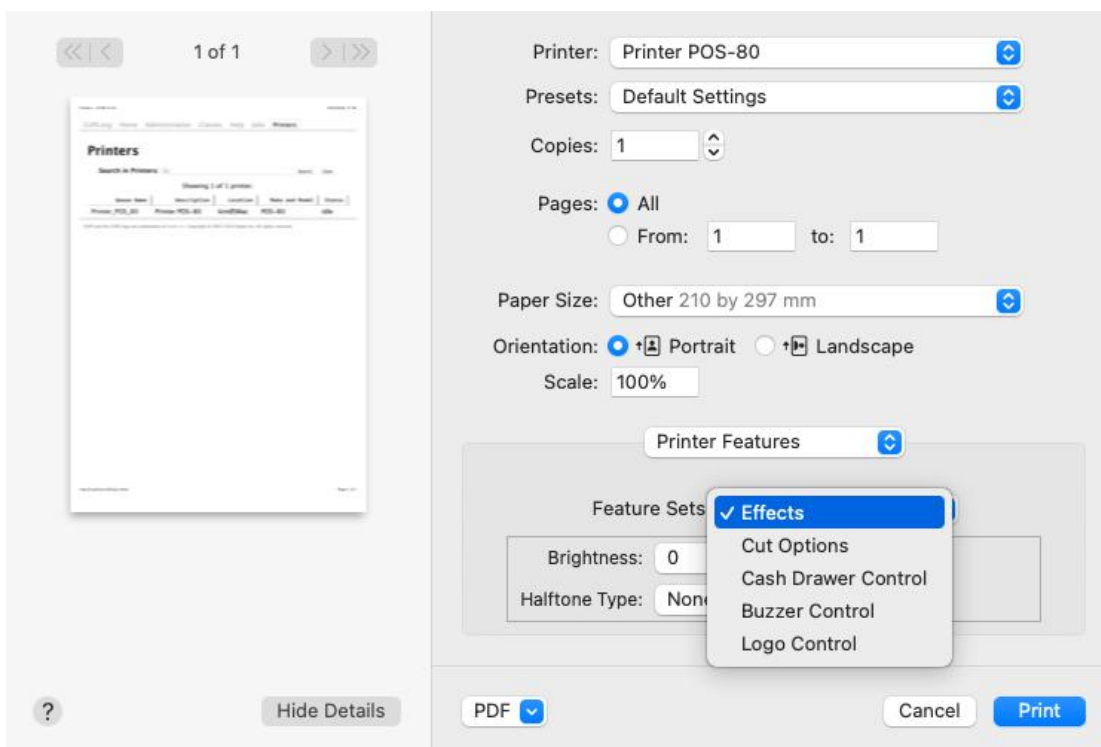# Buzzer Control (Buzzer Control)

1. Document Buzzer (Document Buzzer): You can set No Use (No Use), Document Before (Document Before), Document After (Document After)

2. Page Buzzer (Page Buzzer): You can set No Use (No Use), Document Before (Document Before), and Document After (Document After)

3. Buzzer-On Time (Buzzer-On Time): 50-450 milliseconds (ms)

4. Buzzer Repeat (Buzzer Repeat): 1-9 times

Set Printer Options

Set Default Options for Printer_POS_80

General Control   Quality Banners   Effects Policies   Cut Options   Cash Drawer Control   Buzzer Control   Logo

Buzzer Control

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

Set Default Options
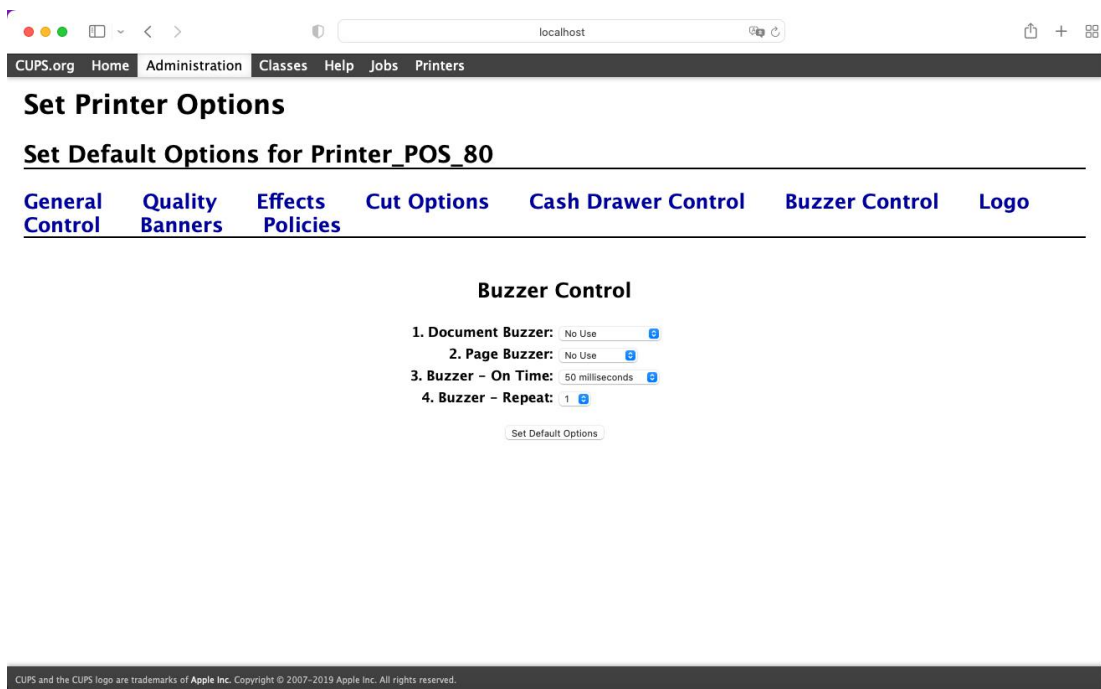
Printer parameter settings can also be configured in the Mac system. When encountering a preview window while printing web pages, memos, PDFs, documents, or spreadsheets, click on "Show Details" first. In the drop-down menu, select "Printer Features" to modify the default driver settings.

1 of 1

Printer: Printer POS-80

Copies: 1

Pages: ● All
○ From: 1   to: 1

Show Details

PDF   Cancel   Print

Printer: Printer POS-80

Presets: Default Settings

Copies: 1

Pages: ● All
○ From: 1 to: 1

Paper Size: Other 210 by 297 mm

Orientation: ● Portrait ○ Landscape

Scale: 100%

✓ Safari

Layout
Paper Handling
Cover Page

Printer Features

PDF

Hide Details

Cancel   Print

Printer: Printer POS-80

Presets: Default Settings

Copies: 1

Pages: ● All
○ From: 1 to: 1

Paper Size: Other 210 by 297 mm

Orientation: ● Portrait ○ Landscape

Scale: 100%

Printer Features

Feature Sets

✓ Effects
Cut Options
Cash Drawer Control
Buzzer Control
Logo Control

Brightness: 0

Halftone Type: None

PDF

Hide Details

Cancel   Print

5. Uninstall Bill Driver

To delete the POS and PPDs folders, go to the main page and select "Go" > "Computer" > "Hard Drive" > "Library" > "Library" > "Printers". Move the POS and PPDs folders to the trash bin for deletion. After deleting them, the automatic installation of Neutral bill printers will no longer be possible, or adding a printer with the Make printer option will confirm successful driver deletion. In the printer and scanner list, click the add button "+" below, select the printer, expand the "Use" section, and click "Select File". If the Printer POS-58 or Printer POS-80 is not available in the file selection window, it indicates successful driver deletion.

kim Mac				
macOS	Network	VMware Tools	WPS Office	WeChat

macOS			
Applications	Library	System	Users

Library					
LaunchDaemons	Logs	Modem Scripts	OpenDirectory	OSAnalytics	Perl
PreferencePanes	Preferences	Printers	QuickLook	Receipts	Ruby
Sandbox	Screen Savers	ScriptingAdditions	Scripts	Security	Speech
Spotlight	StagedDriverExtensions	StagedExtensions	StartupItems	SystemExtensions	SystemMigration