

How to Install CUPS Driver (Integrated) (ESC/POS 180-DPI)

POS Printer

Rev. 1.00

1. Linux

1.1. Installation.

1. Extract this archive creating the **posprinterinstall_180dpi_20260408** directory automatically.

```
# tar -zxvf posprinterinstall_180dpi_20260408.tar.gz
```

2. Open your favorite shell (bash, etc.) and move to the **posprinterinstall_180dpi_20260408** directory.

```
# cd posprinterinstall_180dpi_20260408
```

3. Execute the 'su' command to obtain super-user level permissions.

You must enter the root user's password for this to succeed. Be careful!.

4. Type 'make install' to install this package onto your computer.

```
# make install [Enter]
```

Or

```
> sudo sh setup.sh [Enter]
```

A successfull install should result in output similar to this:

```
# installing
cp ppd/*.gz install
cd install; exec ./setup
SEWOO POS Printer
SEWOO POS Printer CUPS driver installation Start
```

Models included:

```
SEWOO LKT Series
SEWOO SLK Series
Vendor POS Printer
Generic POS Printer
```

Searching for ServerRoot, ServerBin, and DataDir tags in /etc/cups/cupsd.conf

ServerBin tag is present as an absolute path

DataDir tag is present as an absolute path

ServerRoot = /etc/cups

ServerBin = /usr/lib/cups

DataDir = /usr/share/cups

Copying rastertogeneric filter to //usr/lib/cups/filter

Copying rastertolkt filter to //usr/lib/cups/filter

Copying rastertoslk filter to //usr/lib/cups/filter

Copying rastertovendorprt filter to //usr/lib/cups/filter

Copying Model PPD files to //usr/share/cups/model/SewooPOS

Restarting CUPS

cups: stopped scheduler.

cups: started scheduler.

Install Complete

Add printer queue using K Menu -> Utilities -> Printing -> Printing Manager, or

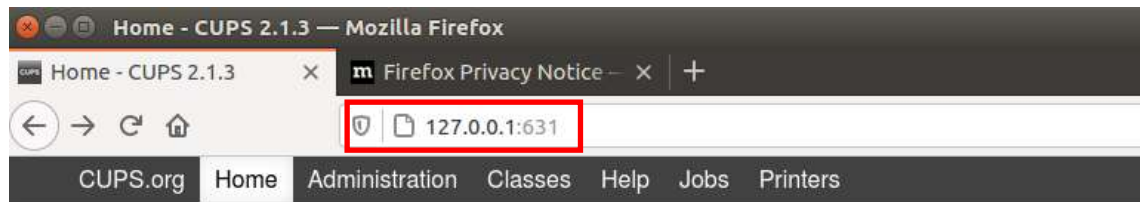
Add printer queue using OS tool, <http://localhost:631>, or <http://127.0.0.1:631>

5. Goto <http://127.0.0.1:631> or use your favorite CUPS admin tool.

Or K Menu -> Utilities -> Printing -> Printing Manager.

1.2. How to Add Printer

Execute browser and move to <http://127.0.0.1:631>



CUPS 2.1.3

CUPS is the standards-based, open source printing system developed by [Apple Inc.](#) for OS X® and other L

CUPS for Users

[Overview of CUPS](#)

[Command-Line Printing and Options](#)

[User Forum](#)

CUPS for Administrators

[Adding Printers and Classes](#)

[Managing Operation Policies](#)

[Using Network Printers](#)

[cupsd.conf Reference](#)

Click the Administration tab and “Add Printer” button as below

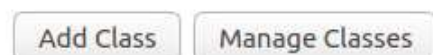


Administration

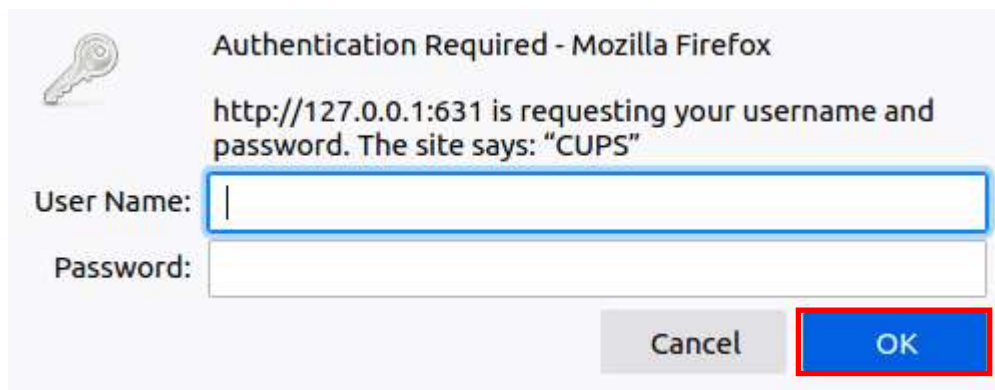
Printers



Classes



Input the "User Name" and "Password". Click the "OK" button.



Authentication Required - Mozilla Firefox

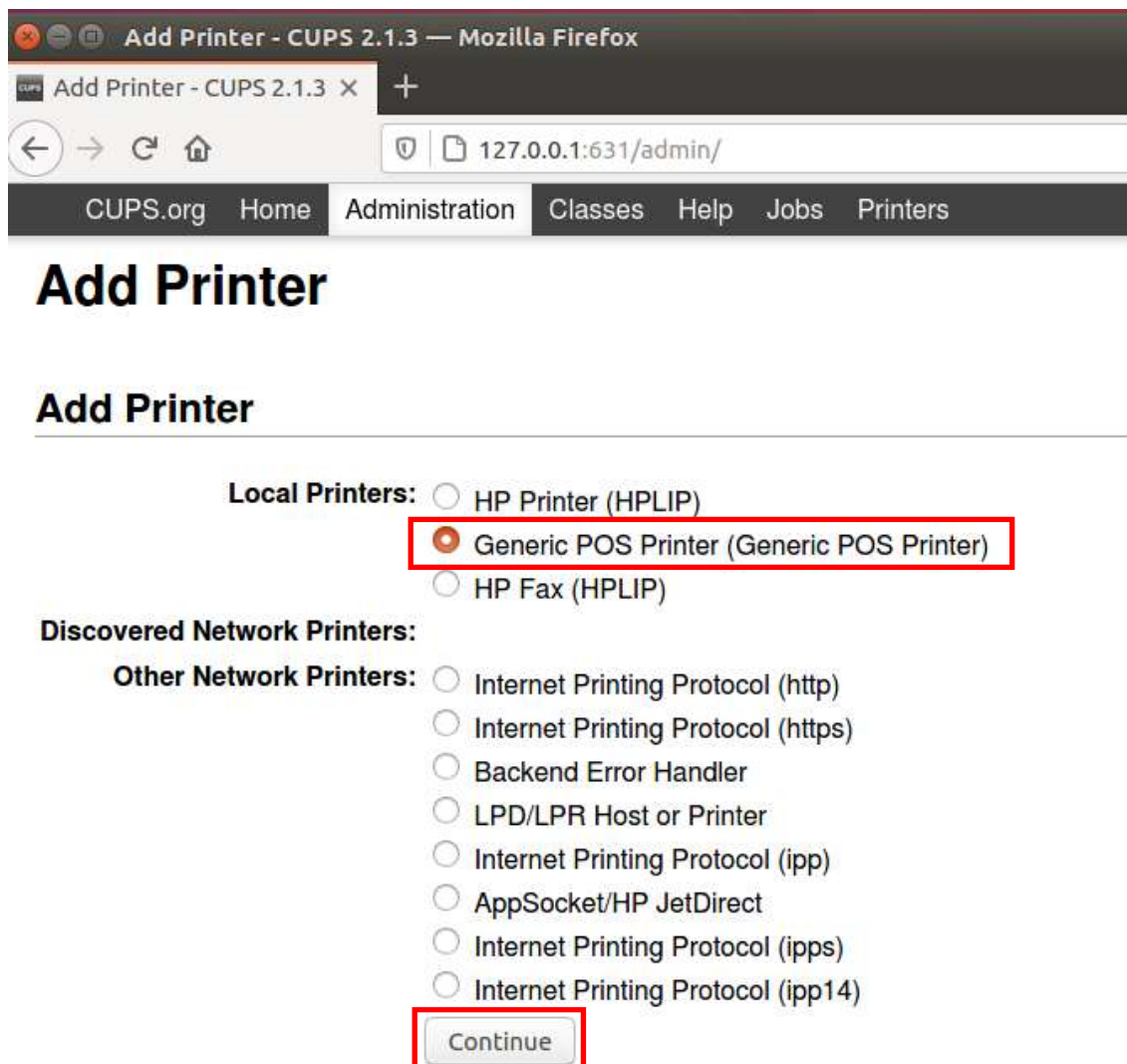
http://127.0.0.1:631 is requesting your username and password. The site says: "CUPS"

User Name:

Password:

Cancel OK

Select the connected printer and click the "Continue" button.



Add Printer

Add Printer

Local Printers:

- ☐ HP Printer (HPLIP)
- ☒ Generic POS Printer (Generic POS Printer)
- ☐ HP Fax (HPLIP)

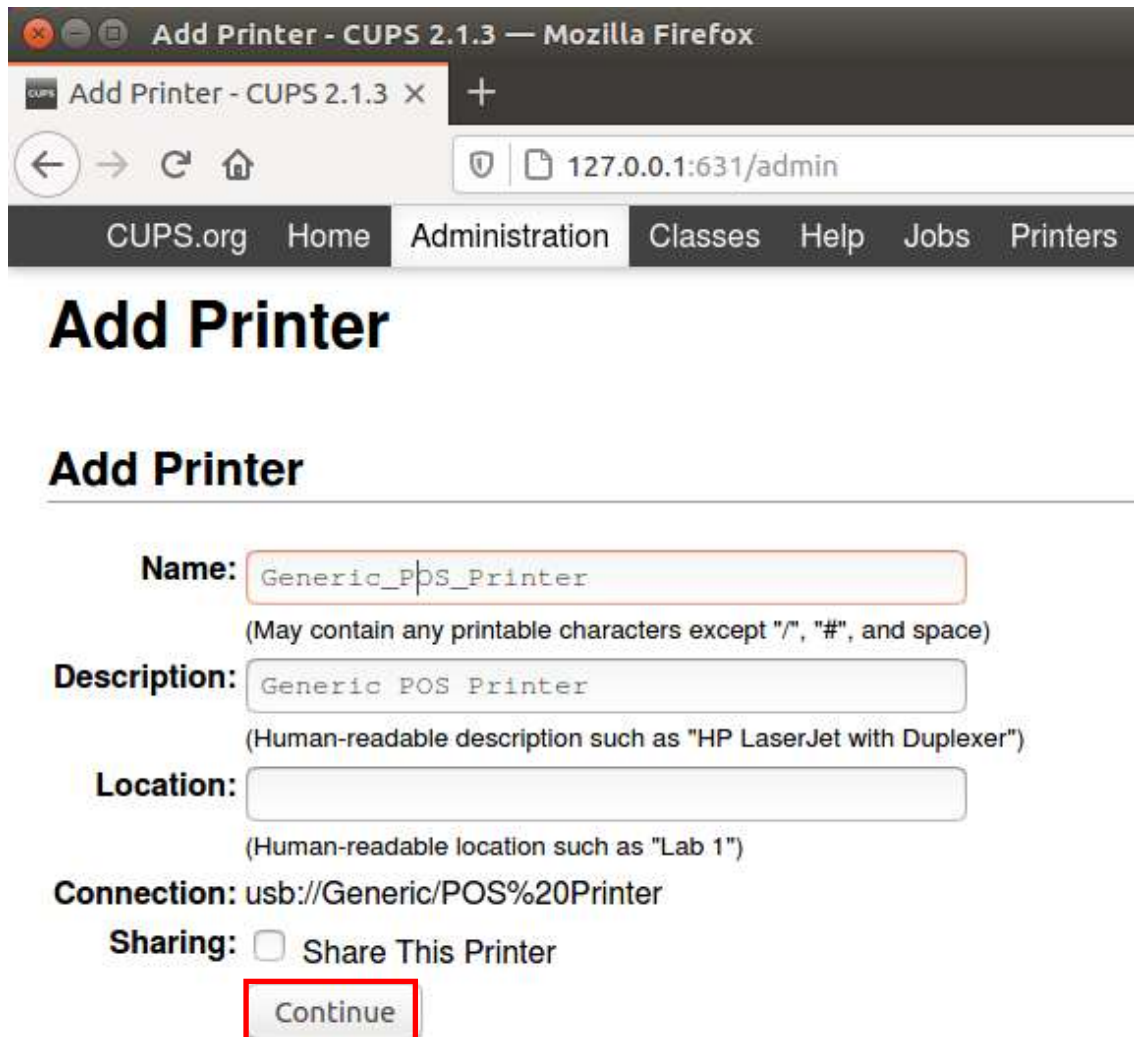
Discovered Network Printers:

Other Network Printers:

- ☐ Internet Printing Protocol (http)
- ☐ Internet Printing Protocol (https)
- ☐ Backend Error Handler
- ☐ LPD/LPR Host or Printer
- ☐ Internet Printing Protocol (ipp)
- ☐ AppSocket/HP JetDirect
- ☐ Internet Printing Protocol (ipps)
- ☐ Internet Printing Protocol (ipp14)

Continue

Input the printer driver name and Click the “Continue” button.



Add Printer

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

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

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

Connection: usb://Generic/POS%20Printer

Sharing: ☐ Share This Printer

Select the printer driver name and Click the “Add Printer” button.

Add Printer - CUPS 2.1.3 — Mozilla Firefox

Add Printer - CUPS 2.1.3 X +

127.0.0.1:631/admin

CUPS.org Home Administration Classes Help Jobs Printers

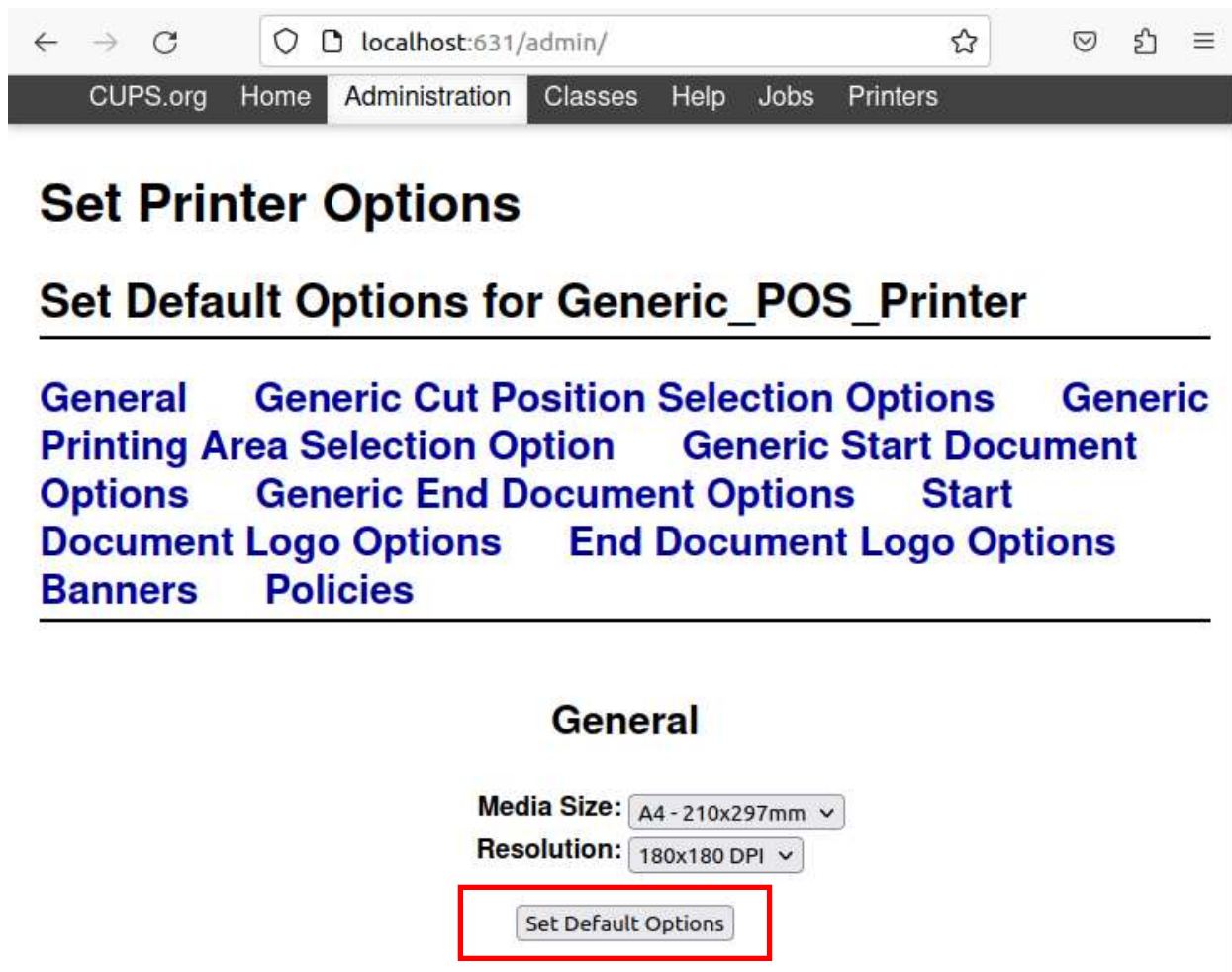
Add Printer

Add Printer

Name: Generic_POS_Printer
Description: Generic POS Printer
Location:
Connection: usb://Generic/POS%20Printer
Sharing: Do Not Share This Printer
Make: Generic
Model: Generic POS Printer (en)
 Generic Braille embosser, 1.0 (en)
 Generic ESC/P Dot Matrix Printer Foomatic/eps9high (en)
 Generic ESC/P Dot Matrix Printer Foomatic/eps9mid (en)
 Generic ESC/P Dot Matrix Printer Foomatic/epson (recommended) (en)
 Generic ESC/P Dot Matrix Printer Foomatic/epsonc (en)
 Generic ESC/P Dot Matrix Printer Foomatic/lq850 (en)
 Generic GDI Printer Foomatic/gdi (en)
 Generic IBM-Compatible Dot Matrix Printer Foomatic/ibmpro (recommended) (en)
 Generic IPP Everywhere Printer (en)

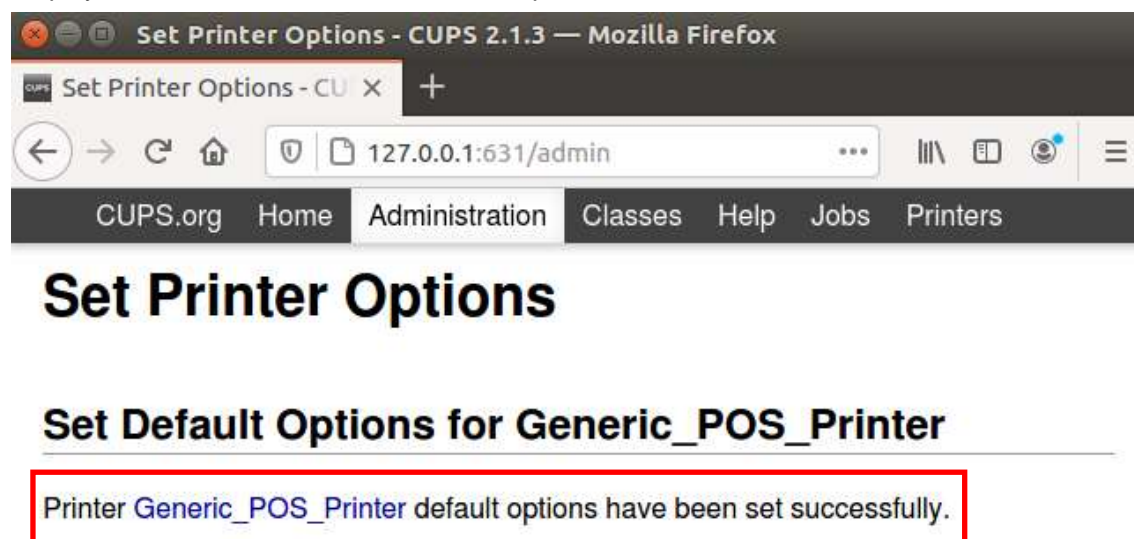
Or Provide a PPD File: No file selected.

Click the “Set Default Options” button.



The screenshot shows a web browser at localhost:631/admin/. The navigation bar includes links for CUPS.org, Home, Administration (selected), Classes, Help, Jobs, and Printers. The main heading is 'Set Printer Options' for 'Generic_POS_Printer'. A list of tabs is provided: General, Generic Cut Position Selection Options, Generic Printing Area Selection Option, Generic Start Document Options, Generic End Document Options, Start Document Logo Options, End Document Logo Options, Banners, and Policies. The 'General' tab is active, displaying 'Media Size' as 'A4 - 210x297mm' and 'Resolution' as '180x180 DPI'. The 'Set Default Options' button is highlighted with a red rectangular box.

Display the result as below. Click the added printer driver.



Display the information of added printer as below.

Generic_POS_Printer - CUPS 2.1.3 — Mozilla Firefox

Generic_POS_Printer - CUPS 2.1.3

127.0.0.1:631/printers/Generic_POS_F ...

CUPS.org Home Administration Classes Help Jobs Printers

Generic_POS_Printer

Generic_POS_Printer (Idle, Accepting Jobs, Not Shared)

Maintenance Administration

Description: Generic POS Printer

Location:

Driver: Generic POS Printer (grayscale)

Connection: usb://Generic/POS%20Printer

Defaults: job-sheets=none, none media=iso_a4_210x297mm sides=one-sided

Jobs

Search in Generic_POS_Printer:

Search Clear

Show Completed Jobs Show All Jobs

No jobs.