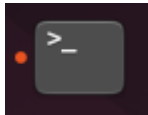


## How to install STAR BSC10 Driver Printer on Linux (Ubuntu)

\* Please make sure that your PC is connected to the internet for installation the packages.

\* The printer should be connected by USB interface.

1. Startup the terminal



2. Access the root by using command: **sudo -i** and when it's ask for password please input your PC password then press Enter

```
smsa99@SMSA99:~$ sudo -i  
[sudo] password for smsa99:
```

3. Install the necessary package as below

- "gcc"
- "libcups2-dev"
- "libcupsimage2-dev"

Please enter the command in the terminal to install by following step and wait until done one by one

For example:

After you type the command, Press Enter button and wait until the command finished

```
root@SMSA99:~# sudo apt-get update
```

It will show as the picture below when the terminal ready to input the new command

```
root@SMSA99:~#
```

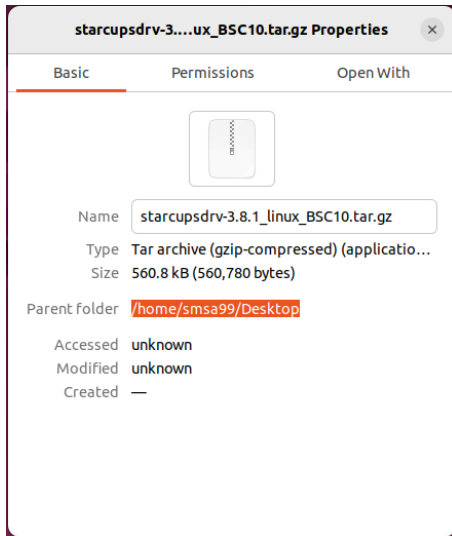
1. # sudo apt-get update
2. # sudo apt-get install gcc
3. # sudo apt-get install libcups2-dev
4. # sudo apt-get install libcupsimage2-dev

4. Download or Copy Driver file **starcupsdrv-x.x.x\_linux\_BSC10.tar.gz** to your PC (In this manual will using the driver **starcupsdrv-3.8.1\_linux\_BSC10.tar.gz** for tutorial)
5. Using terminal to access Driver file directory by **cd** command

```
# cd /home/[your user name]/Desktop  
(For example, if your file is in Desktop and This command is case sensitive)
```

```
root@SMSA99:~# cd /home/smsa99/Desktop
```

You can check file directory by right click on file and click properties then see the location on parent folder

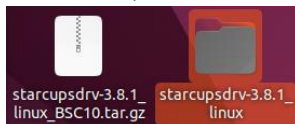


6. After you in the same directory with driver please using terminal for operate following operation step by step (please reference **yellow highlight** text with the file name in your PC)

1. # tar xzvf **starcupsdrv-3.8.1\_linux\_BSC10.tar.gz**

```
root@SMSA99:/home/smsa99/Desktop# tar xzvf starcupsdrv-3.8.1_linux_BSC10.tar.gz
```

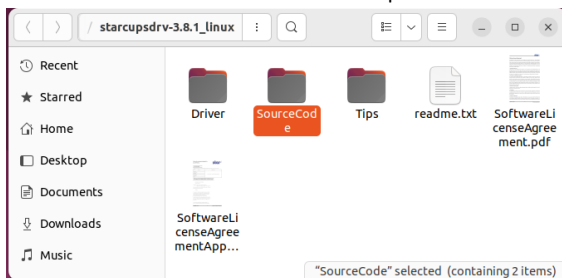
In this step it's will create a folder in this directory.



2. # cd **starcupsdrv-3.8.1\_linux**

```
root@SMSA99:/home/smsa99/Desktop# cd starcupsdrv-3.8.1_linux
```

For access to the folder that create in step 1 so **please refer this yellow highlight command with your folder name**. You can access to the folder and check the folder name as the picture below



3. # cd **SourceCode**

For access to the SourceCode folder **please refer this yellow highlight command with your folder name**.

4. # tar xzvf **starcupsdrv-src-3.8.1.tar.gz**

```
root@SMSA99:/home/smsa99/Desktop/starcupsdrv-3.8.1_linux/SourceCode# tar xzvf starcupsdrv-src-3.8.1.tar.gz
```

In this step it's will also create a folder in this directory.

5. # cd **starcupsdrv**

```
root@SMSA99:/home/smsa99/Desktop/starcupsdrv-3.8.1_linux/SourceCode# cd starcupsdrv
```

For access to the starcupsdrv folder that create by previous command **please refer this yellow highlight command with your folder name.**

6. # make

```
root@SMSA99:/home/smsa99/Desktop/starcupsdrv-3.8.1_linux/SourceCode/starcupsdrv# make
```

After you run this command you have to wait until you can type another command.

```
chmod +x bin/setup  
# packaging  
mkdir install  
cp bin/rastertostar install  
cp bin/rastertostarlm install  
cp bin/rastertostarm install  
cp bin/rastertoescpos install  
gzip -df bin/*.ppd.gz  
cp bin/*.ppd install  
cp bin/setup install
```

```
root@SMSA99:/home/smsa99/Desktop/starcupsdrv-3.8.1_linux/SourceCode/starcupsdrv#
```

7. # make install

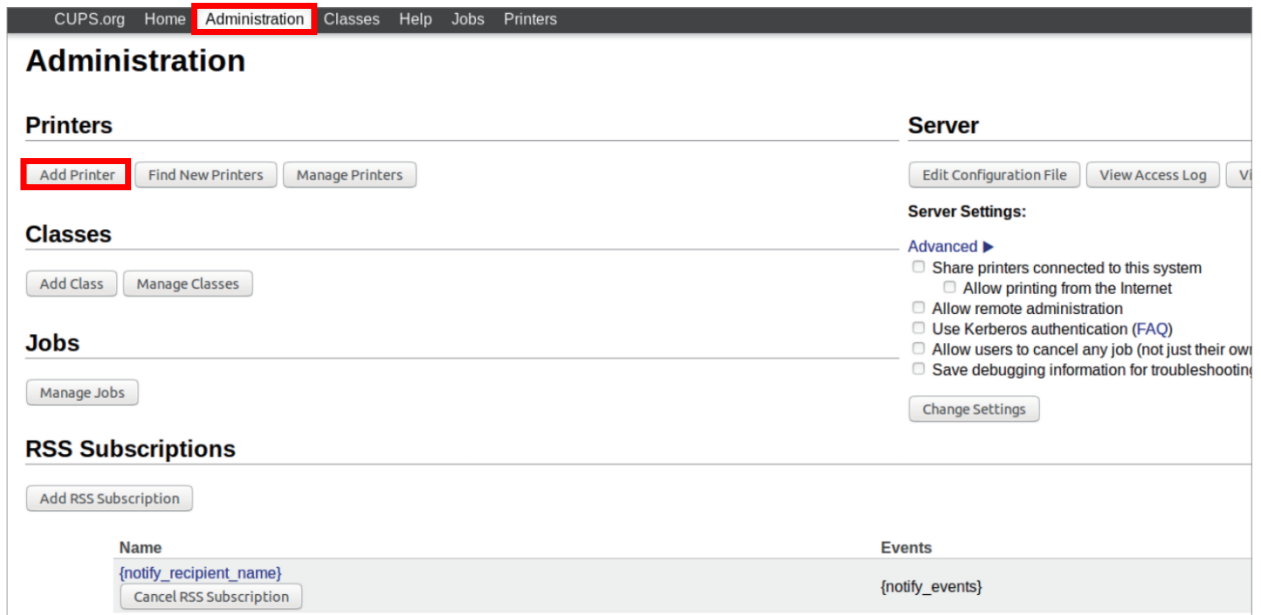
```
root@SMSA99:/home/smsa99/Desktop/starcupsdrv-3.8.1_linux/SourceCode/starcupsdrv# make install
```

After you run this command it will be show local host access and you and open it in this step and proceed to the next step.

```
Install Complete  
Add printer queue using OS tool, http://localhost:631, or http://127.0.0.1:631  
root@SMSA99:/home/smsa99/Desktop/starcupsdrv-3.8.1_linux/SourceCode/starcupsdrv#
```

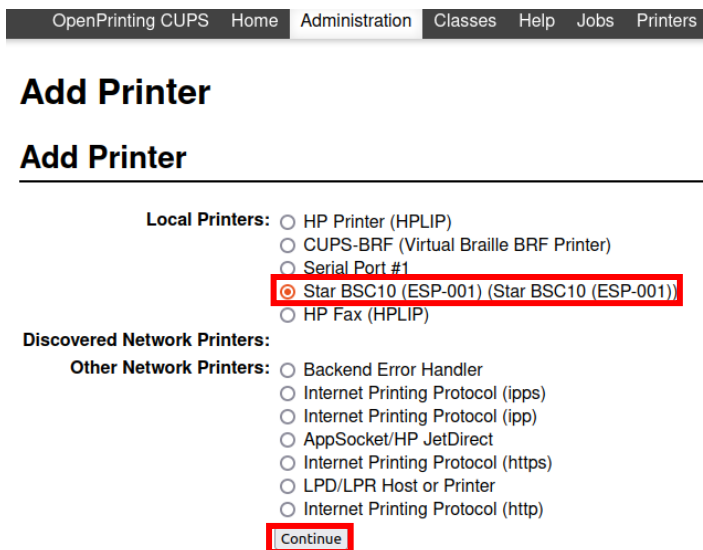
7. Enter the <http://localhost:631> after finished installation
8. Connect the printer with your PC and Turn On the power wait until PC find the printer then proceed to the next step

9. Select "Administration" on top bar and click Add Printer  
(if pop-up show up to sign in, please use your PC username and password to sign in)



The screenshot shows the CUPS Administration interface. The top navigation bar includes 'CUPS.org', 'Home', 'Administration' (highlighted with a red box), 'Classes', 'Help', 'Jobs', and 'Printers'. The main content area is titled 'Administration' and is divided into several sections: 'Printers' (with 'Add Printer' highlighted in red), 'Classes', 'Jobs', and 'RSS Subscriptions'. On the right side, there is a 'Server' section with 'Server Settings' and a 'Change Settings' button.

10. Select the connected BSC10. Then click "Continue"



The screenshot shows the 'Add Printer' dialog box. The top navigation bar includes 'OpenPrinting CUPS', 'Home', 'Administration' (highlighted with a red box), 'Classes', 'Help', 'Jobs', and 'Printers'. The main content area is titled 'Add Printer' and is divided into several sections: 'Local Printers' (with 'Star BSC10 (ESP-001) (Star BSC10 (ESP-001))' highlighted in red), 'Discovered Network Printers', and 'Other Network Printers'. A 'Continue' button is highlighted in red at the bottom.

11. In the add Printer screen, enter "Name:", "Description:" and "Location" then click "Continue" (Location and Description can be left blank)

OpenPrinting CUPS Home Administration Classes Help Jobs Printers

## Add Printer

---

**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:**

**Sharing:**  Share This Printer

12. Select Printer Model, then click Add Printer

OpenPrinting CUPS Home Administration Classes Help Jobs Printers

## Add Printer

---

**Add Printer**

**Name:** Star\_BSC10\_  
**Description:** Star BSC10 (ESP-001)  
**Location:**  
**Connection:** usb://Star/BSC10%20(ESP-001)  
**Sharing:** Do Not Share This Printer

**Make:** STAR

**Model:**

- Star BSC10 (en)
- Star FVP10 (en)
- Star JJ-100 Foomatic/jj100 (recommended) (en)
- Star LaserPrinter 8 Foomatic/laserjet (recommended) (en)
- Star LC 90 Foomatic/epson (recommended) (en)
- Star LC24-100 Foomatic/necp6 (recommended) (en)
- Star LC24-200 Foomatic/epson (en)
- Star LC24-200 Foomatic/epsonc (recommended) (en)
- Star LS-04 Foomatic/ljet2p (recommended) (en)
- Star MCP20 (en)

**Or Provide a PPD File:**  No file selected.

13. After finished adding printer you can access to printer page by click on “Printer name” to enter Printer Page or set printer setting by “Set Printer Options” after finished setting click “Set Default Option” to save the setting

OpenPrinting CUPS Home Administration Classes Help Jobs Printers

## Add Printer

### Add Printer Star\_BSC10\_

Printer **Star\_BSC10\_** has been added successfully.

**Note:**Printer drivers and raw queues are deprecated and will stop working in a future version of CUPS.

**Set Printer Options**

14. For testing, Change “Maintenance” drop down to “Print Test Page” and Printer will print test.

OpenPrinting CUPS Home Administration Classes Help Jobs Printers

## Star\_BSC10\_

### Star\_BSC10\_ (Idle, Accepting Jobs, Not Shared)

**Maintenance** Administration

**Description:** Star BSC10 (ESP-001)  
**Location:**  
**Driver:** Star BSC10 (grayscale)  
**Connection:** usb://Star/BSC10%20(ESP-001)  
**Defaults:** job-sheets=none, none media=iso\_a4\_210x297mm sides=one-sided

### Jobs

Search in Star\_BSC10\_:

Active jobs listed in processing order ▼ ; held jobs appear first.

