

Linux Driver Installation Procedure RP3200 Gold RP3300 RP4150 RP35 Gold

Revision History

Date	Revision	Description
04-01-2011	Rev 1.0	Initial Version

This instruction was written on the assumption that CUPS is installed correctly. To install the below files, **you must log in as ''root''** user. Or you must **execute ''su'' to become a ''root''**.

Copy the **RPXXXX.ppd** file (where, XXXX = 3200Gold/3300/4150/35Gold) to /usr/share/cups/model directory.
 Execute the following command.

Cp RPXXXX.ppd /usr/share/cups/model

2. Copy the rastertocbm1k (or) rastertocds500 file to /usr/lib/cups/filter directory. Execute the following command.

Cp rastertocbm1k /usr/lib/cups/filter (For RP3200Gold, RP3300, RP4150)

Cp rastertocds500 /usr/lib/cups/filter (For RP35Gold)

 Restart the CUPS to recognize the above copied files. Execute the following command.

For REDHAT LINUX:

/etc/rc.d/init.d/cups restart

For SUSE LINUX: /etc/rc.d/cups restart For UBUNTU LINUX:

/etc/init.d/cups restart

There are two ways to add printer,

- 1. One is through browser &
- 2. Another one is through printing options from "Computer" menu.

Adding Printer through Browser:

Start a browser (Mozilla) in your computer, and access to administration page by typing the following address in address bar: <u>http://localhost:631/</u>

Click "Add Printer" on your browser. Select the Corresponding Printer Model from Local Printers.

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Click "Continue"

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	(Human-readable location	such as "Lab 1")					
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Next, the browser shows a list of manufacturers.

Choose "TVS Electronics" and click "Continue".

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Add Printer					
Name: TVS_Electronics_RP_3300 Description: TVS Electronics RP 3300 Location: Connection: usb://TVS%20Electronics/RP%203300 Sharing: Do Not Share This Printer Make: SiPix Sony Star Tally					
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Or Provide a PPD File: Browse Add Printer					
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Next, browser shows a list of models.

Choose a model to be installed, and click "Add Printer"

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Name: TVS_Electronics_RP_3300			
Description: TVS Electronics RP 3300			
Location:			
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Make: TVS Electronics Select Another Make/Manufacturer			
Model: TVS Electronics RD35Gold (en)			=
TVS Electronics RP3200 Gold (en)			
TV5 Electronics RP3300 (en)			
TVS Electronics TVSE 9-Pin 80col Series CUPS v1.1 (en)			
TVS Electronics TVSE 9-Pin 136col Series CUPS v1.1 (en)			
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If the below screen would be displayed, installation is completed. Click "Printers" in the menu bar displayed in upper area.

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😣 😔 💿 Set Printer Options	- CUPS 1.4.3 -	Mozilla Firefox	c .			_
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Set Printer Options - CUPS 1.4.3	-					▼
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Set Default Options for 7	VS_Electroni	cs_RP_3300				
Printer TVS Electronics RP 3300 defa	ult options have been s	set successfully.				
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Check that the information about installed printer is displayed and take Test Page from "Maintenance"

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	Electronics_R	P_3200 - CUP	₽					₹
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10. 10								
1	VS Electronic	cs RP 3200 (Idle	Accepting J	obs, Not Shared)				
6		,						
1	Description: TVS Elect	ronics RP 3200						
	Location: Local Print	ter						

After the printer is added, set it up (paper size, etc). And set this as a default printer, if it is needed.

Adding Printer through Printing Options from Computer Menu: Choose "Printing" from Computer menu available at the task bar.

1 Computer Computer Configu... Carter Configu... Carter Configur... Carter Configur... Carter Configur... Carter Configur...

Add a new printer through New menu.

Printer configuration - localhost	-	×
Server Printer View Help		
RP-3200 Gold		
Connected to localhost		

Select the corresponding device from the left panel and click "Forward"



Select the manufacturer name as "TVS" and click "Forward"

New Printer	_		2
Choose Driver			
Select printer from database			
O Provide PPD file			
 Search for a printer driver to download 			
The foomatic printer database contains various manufacturer provided PostScript Printer Description (PPD) files and also can generate PPD files for a large number of (non PostScr printers. But in general manufacturer provided PPD files provide better access to the specifi features of the printer.	ipt) ic		1
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Choose the Driver name from the left panel and corresponding driver from the right panel and click "Forward"

B	New Printer	_ 🗆 🗙
Choose Driver		
Models	Drivers	
Electronics RP3200 Gold	TVS Electronics RP3300 [er	n] (recommended)
Electronics RP3300		
	Back	Cancel

Click "Apply"

📕 New Printer	-		×
Describe Printer			
Printer Name			
Short name for this printer such as "laserjet"			
RP-3300			
Description (optional)			
Human-readable description such as "HP LaserJet with Duplexer"			
TVS Electronics RP 3300			
		_	
Human-readable location such as "Lab 1"			
linux-hi3s			
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Now the Printer RP3300 will be added in printing window. Right Click on the printer and set it as default printer (if it is needed) and take test page.

Printer configuration - localhost Server Printer View Help New Refresh RP-3200Gold RP-3300	×	
	8	Printer Properties - `RP-3300' on localhost ×
Connected to localhost	Settings Policies Access Control Printer Options Job Options	Settings Desdigtion: TVS Electronics RP 3300 Location: linux-hj3s Device URI: usb://TVS%20Electronics/RP%200 Change Make and Model: TVS Electronics RP3300 Change Printer State: Idle Tests and Maintenance Print Test Page Print Self-Test Page Clean Print Heads

For Serial Interface follow the same procedure above:

Do the following settings in PC side:

Baud Rate : 9600BPS

Parity : None

Data : 8 Bits

Flow : Software (XON/XOFF)

Do the following settings in Printer side:

Baud Rate : 9600BPS Parity : None

Data : 8 Bits

Flow : DTR