

Installation Guide Linux CUPS Driver

Rev. 1.01



http://www.bixolon.com

1. Search and execute the terminal program.

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• ⊗ termina	al					Filter results 🔸		
ii Applications	UXTerm	XTerm						
🏦 Reference								
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() Weather	Cernalist, Germition	Train Station	ALTERISTR	ver transe control	vention at nuivess	See Invien		
The Weather Channel	Terminal, SR, MX	Топпоггоч	K Tomorrow night	Friday, 11	Friday, 11			
	Tonight	♠ A	1 0 <i>л</i>					

- 2. Download Linux CUPS driver in BIXOLON website.
- 3. Once driver download is completed, execute the terminal and type "cd Downloads" to move to Downloads folder.

😣 🕒 🗊 dwlee@dwlee-TH55	B-HD: ~	
dwlee@dwlee-TH55B-HD:~\$	cd Downloads/	

4. Type "Is" and click the Enter button to check driver file downloaded.



5. To extract the driver zip file, type "tar xvf driver name" and click the Enter button.



6. Type "Is" after extracting the zip file to check the driver folder.

😣 🖨 🗉 dwlee@dwlee-TH55B-HD: ~/Downloads
Software BixolonCupsDrv Linux v1.3.4 x84/Bixolon/SPPR200II v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRPF310II_v1.0.1.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP352plus_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP350plusII_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP350plusIII_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/STP103III_v1.0.3.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP352plusII_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRPF310_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP330_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP370_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP380_v1.0.0.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP350_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP340_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SPPR200_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP382_v1.0.0.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP350plus_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP350II_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SPPR300_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRPF313III_v1.0.1.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP350III_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP352plusIII_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SPPR200III_v1.0.0.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRP352IIII_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SPPR310_v1.0.0.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRPF312_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SRPF312II_v1.0.1.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/Bixolon/SPPR210_v1.0.4.ppd
Software_BixolonCupsDrv_Linux_v1.3.4_x84/SoftwareLicense.txt
Software_BixolonCupsDrv_Linux_v1.3.4_x84/uninstaller_v1.3.4.sh
Software_BixolonCupsDrv_Linux_v1.3.4_x84/readme.htm
Software_BixolonCupsDrv_Linux_v1.3.4_x84/setup_v1.3.4.sh
Software_BixolonCupsDrv_Linux_v1.3.4_x84/rastertoBixolon_v1.3.4.o
dwlee@dwlee-TH55B-HD:~/Downloads\$_Ls
Software_BixolonCupsDrv_Linux_v1.3.4_x84 software_bixoloncupsdrv_linux_v1.3.4_x84.tgz
dwlee@dwlee-TH55B-HD:~/Downloads\$

7. Type "cd driver folder name" and click Enter button to move to driver folder.



8. Type "Is" to check the driver.



9. Type "sh setup_vX.X.X.sh" and click Enter button to install the driver.



10. Type the password and click Enter button.



11. After driver installation, "Install Complete" message will be showed.



12. Type "cd/usr/lib/cups/filter" and click Enter button to check if driver installation is completed correctly.



13. Type "Is -I" and click Enter button.



14. Check if the driver file exists and driver version installed is the same as installation version.

800	dwle	ee	@dwl	ee-TH	55B-HD: /	usr/li	b/cu	ıps/filte	r
- rwxr - xi	r-x :	1	root	root	141436	Арг	8	2014	pdftopdf
- FWXF - XI	r-x :	1	root	root	34704	Арг	8	2014	pdftops
- FWXF - XI	r-x :	1	root	root	30484	Арг	8	2014	pdftoraster
- rwxr - xi	r-x :	1	root	root	7563	Арг	8	2014	pstopdf
- FWXF - XI	r-x :	1	root	root	50568	Арг	10	2014	pstops
- FWXF - XI	r-x :	1	root	root	18036	Jan	16	2014	pstoqpdl
- FWXF - XI	r-x :	1	root	root	974	Арг	7	2014	nstatiff
lrwxrwxi	rwx :	1	root	root	31	Dec	10	03:44	<pre>rastertoBixolon -> /usr/bin/rastertoBixolon_v1.3.4</pre>
lrwxrwxi	rwx :	1	root	root	13	Sep	1	03:19	Taster Lugnu -> Taster Lucavet
- FWXF - XI	⁻-X :	1	root	root	17768	Арг	10	2014	rastertoepson
- FWXF - XI	r-x :	1	root	root	30344	Арг	8	2014	rastertoescpx
- rwxr - xi	r-x :	1	root	root	42928	Маг	27	2014	rastertogutenprint.5.2
- FWXF - XI	r-x :	1	root	root	17768	Арг	10	2014	rastertohp
- FWXF - XI	r-x :	1	root	root	21864	Арг	10	2014	rastertolabel
- rwxr - xi	r-x :	1	root	root	30352	Арг	8	2014	rastertopclx
- FWXF - XI	r-x :	1	root	root	34324	Маг	10	2014	rastertoptch
- FWXF - XI	г-х :	1	root	root	13672	Арг	10	2014	rastertopwg
- FWXF - XI	r-x :	1	root	root	59076	Jan	16	2014	rastertoqpdl
- rwxr - xi	r-x :	1	root	root	15942	Feb	15	2012	rastertosag-gdi
- FWXF - XI	r-x :	1	root	root	3560	Арг	8	2014	textonly
- FWXF - XI	r-x :	1	root	root	40364	Арг	8	2014	texttopdf
- FWXF - XI	r-x :	1	root	root	983	Арг	8	2014	texttops
- rwxr - xi	r-x :	1	root	root	38644	Арг	8	2014	urftopdf
dwlee@dw	vlee	- T	H55B-	HD:/u	usr/lib,	/cups	s/fi	ilter\$	

15. Type "cd /usr/share/cups/model" and click Enter button.



16. Type "Is" to check Bixolon message below. If Bixolon message is showed up as below, driver installation will be done correctly.



17. Once printer driver is installed correctly, open the browser and type localhost:631. Then Go to Administration and Add Printer.

tocatiosc.os (/admin				ioogle	Q		
Home Administration Classes	Online Help	Jobs	Printers	Search Help			
Printers	Server						
Add Printer Find New Printers Manage Printers	Edit Configuration	File View Acc	ess Log View Er	rror Log View Page Log	,		
Classes	Server Settings:						
Add Class Manage Classes	Advanced Share printers connected to this system Allow printing from the Internet						
Jobs	 Allow remote ac Use Kerberos a 	Iministration	AO)				
Manage Jobs	 Allow users to c Save debugging 	ancel any job (n g information for	ot just their own) troubleshooting				
	Change Settings						
RSS Subscriptions					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
Add RSS Subscription							
Name	E	vents	Queue Nan	ne			
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Firefox automatically sends some data to Mozilla so that we can improve your experience.	Choose What I Share	×

18. When below message pops up, enter the 'User Name' and 'Password'.

😣 🗉 Authe	ntication Required
Þ	A username and password are being requested by http://localhost:631. The site says: "CUPS"
User Name:	dwlee
Password:	••••••
	Cancel

Linux CUPS Driver

19. Printer can be found in Local Printers. Select the printer and click 'Continue' button. In case of Ethernet Interface, please refer to CUPS Ethernet Setting manual.

A localhost:631	/admin/				े • C 🛛	Google	Q	₽
Home	Administration	Classes	Online Help	Jobs	Printers	Search Help		
Add Printer	r ocal Printers: Seria BIXC HP F LPT Vork Printers: Sam KON Sam Sam	al Port #1 DLON SRP-382 (B Printer (HPLIP) #1 sung M332x 382x IICA MINOLTA biz sung M332x 382x sung M332x 382x sung CLX-92x1 93	1XOLON SRP-382) 402x Series (Samsur thub 283 (KONICA M 402x Series (Samsur 402x Series (Samsur 341 Series (Samsur 341 Series (Samsur	ng M332x 382x NOLTA 423 Se ng M332x 382x ng M332x 382x (J X 92y 1 93y	402x Series) pries) 402x Series) 402x Series)			
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Linux CUPS Driver

20. After configuration of printer name and other information, click 'Continue' button.

loc	alhost:631/admin					☆ € 8 • 0	ioogle	Q	4
0	Home	Administration	Classes	Online Help	Jobs	Printers	Search Help		
A	dd Printer								5
	Name:	BIXOLON_SRP-382							
	Description:	(May contain any printat BIXOLON SRP-382	ble characters except	"/", "#", and space)					
	Location:	(Human-readable descrip	ption such as "HP Las	serJet with Duplexer")					
	Connection:	usb://BIXOLON/SRI	P-382?serial=000	00001					
	Sharing:	Share This Print	ter						
Co	olor Management:	Continue							

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21. After selecting BIXOLON in Make option below, click the 'Continue' button It depends on CUPS version, this page will be skipped.

	Hama	A designation	Classes	Online Liele	Jaha	Duintava	Course to take	
	Home	Administration	Classes	Online Help	JODS	Printers	Search Help	
Add	Printer							
	Name	BIXOLON_SRP	-382					
	Description	BIXOLON SRP-	382					
	Location			0000001				
	Connection	Do Not Sharo Th	SRP-382 / serial=u	0000001				
Co	lor Management	t Enabled	iis Fillitei					
Or Pre	wake	City (Virgenov) Alps Anitech Apollo Apollo Brother Canon Citizen Citoh Continue Browse No	file selected.					
		Add Printer						

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22. Select the printer model and click the 'Add Printer' button.

loc	calhost:631/adm	in				ि • € 8ि •	Google	Q	₽
)	Home	Administration	Classes	Online Help	Jobs	Printers	Search Help		
Home		Administration	Classes	Online Help	Jobs	Printers	Search Help		
Home Administration Classes Online	Administration Classes Online	Classes Online	Online	Help	Jobs	Printers	Search Help		
-	dd Drintor								

Description:	BIXOLON SRP-382
Location:	
Connection:	usb://BIXOLON/SRP-382?serial=00000001
Sharing:	Do Not Share This Printer
Color Management:	Enabled
Make:	BIXOLON Select Another Make/Manufacturer
Model:	Bixolon SRP-352plusIII (en) Bixolon SRP-370 (en) Bixolon SRP-380 (en)
	Bixolon SRP-382 (en) Bixolon SRP-F310 (en) Bixolon SRP-F3101 (en) Bixolon SRP-F3121 (en) Bixolon SRP-F31311 (en) Bixolon SRP-F31311 (en)
Or Provide a PPD File:	Browse No file selected.
[Add Printer

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23. Configure printer paper size, page type, cut options, etc and click 'Set Default Options' button.

	nin				☆ ▼ @ 8 ▼ 0	loogle	Q	1
Home	Administra	tion Classes	Online Help	Jobs	Printers	Search Help		
Set Defaul	t Options f	or BIXOLON_S	SRP-382					-
General Lo	go Options	Cash Drawer Cont	rol Banners	Policies				3
			General					
			Media Size: 72	* 70	ä			
			Page Type: Variab	* 70mm 🚦	-			
		Focus A	rea Selection: Left	*)				
		Page	e Cut Options: Partia	Cut				
			Set Default Optio	ns				
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24. If below message is showed up, printer registration is completed correctly.



Set Default Options for BIXOLON_SRP-382

Printer BIXOLON_SRP-382 default options have been set successfully.

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25. Try to test page print by 'Print Test Page' option in 'Maintenance'.

		-		1					_
9	Home	Administration	Classes	Online Help	Jobs	Printers	Search Help		
D		CDD 292 (Idla	Acconting	John Not Cha	rod Color	Managad			
в	IXOLON_	SRP-382 (Idle,	Accepting	Jobs, Not Sha	rea, Color	-ivianaged)			
M	1aintenance 🛟	Administration	:						
D	escription: BIX	OLON SRP-382							
	Location:								
	Driver: Bix	olon SRP-382 (color, 2-	sided printing)						
C	onnection: usb	://BIXOLON/SRP-382?	serial=00000001						
	In the second second second second second					a i al a al			
	Defaults: job	-sheets=none, none me	dia=om_61-x72-m	my70-mm_71.97x69.8	35mm sides=one	-sided			
	Defaults: job	-sheets=none, none me	dia=om_61-x72-m	my70-mm_71.97x69.8	35mm sides=one	-sided			
Jo	Defaults: job	-sheets=none, none me	dia=om_61-x72-m	my70-mm_71.97x69.8	35mm sides=one	-sided			
Jo	Defaults: job obs	-sheets=none, none me	dia=om_61-x72-m	my70-mm_71.97x69.8	35mm sides=one	Sear	ch Claar	13	
Jo	Defaults: job obs	-sheets=none, none me Search in BIXOLON_SI	dia=om_61-x72-m	my70-mm_71.97x69.8	35mm sides=one	Sear	ch Clear		
Jo	Defaults: job obs	-sheets=none, none me Gearch in BIXOLON_SI	dia=om_61-x72-m RP-382:	my70-mm_71.97x69.8	35mm sides=one	Sear	ch Clear		
DL 2	Defaults: job obs	-sheets=none, none me Search in BIXOLON_SI	dia=om_61-x72-m RP-382:	my70-mm_71.97x69.8	Somm Sides=one	Sear	ch Clear		
Ja	Defaults: job	-sheets=none, none me Search in BIXOLON_SI	dia=om_61-x72-m RP-382:	my70-mm_71.97x69.8	Somm sides=one	Sear	ch Clear		
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DL 2	Defaults: job	-sheets=none, none me Search in BIXOLON_SI	dia=om_61-x72-m	my70-mm_71.97x69.8	Somm sides=one	Sear	ch Clear		
oL 2	Defaults: job	-sheets=none, none me Search in BIXOLON_SI	dia=om_61-x72-m	my70-mm_71.97x69.8	Somm sides=one	Sear	ch Clear		
oL 2	Defaults: job	-sheets=none, none me Search in BIXOLON_SI	dia=om_61-x72-m	my70-mm_71.97x69.8	Somm sides=one	Sear	ch Clear		
oL s	Defaults: job	-sheets=none, none me Search in BIXOLON_SI	dia=om_61-x72-m	My70-mm_71.97x69.8	Somm Sides=one	Sear	ch Clear		
DL 2	Defaults: job	-sheets=none, none me Search in BIXOLON_SI	dia=om_61-x72-m	my70-mm_71.97x69.8	Somm Sides=one	Sear	ch Clear		
DL S	Defaults: job	-sheets=none, none me Search in BIXOLON_SI	dia=om_61-x72-m	My70-mm_71.97x69.8	Somm sides=one	Sear	ch Clear		
oL S	Defaults: job	-sheets=none, none me Gearch in BIXOLON_SI	dia=om_61-x72-m	No jobs.	Somm sides=one	Sear	ch Clear		

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In the following, product specifications and/or user manual content may be changed without prior notice.

Caution

Some semiconductor devices are easily damaged by static electricity. You should turn the printer "OFF", before you connect or remove the cables on the rear side, in order to guard the printer against the static electricity. If the printer is damaged by the static electricity, you should turn the printer "OFF".

Revision history

Rev.	Date	Page	Description
1.01	30.05.18	-	New