

# How to setup OPOS Driver for Star Printer TSP143IV/TSP143IVSK

\*This instruction is connecting by USB Cable on Windows. \*Please do not connect USB Cable while installing driver printer.

Label Printers >

1. Open browser and access this link (<u>https://starmicronics.com/support/</u>) to download driver printer.



3. Click 'TSP143IV'



Portable Printers >

Kiosk Printers >

Peripherals >



4. Click 'Download' at Star Windows Software Full.

TSP143IVUE Receipt Printers					
Planet -	Drivers	Manuals	Help Articles	Other Downloads	
0 0 <b>4</b> 5	ZIP	Star Windows So Windows 11(64-bit), If Ifile(s) 213N	<b>oftware Full</b> Windows 10(32/64-bit) MCLi 18	32 (mC-Label3),	Download

5. Check 'Agree' and click 'Download' and wait until finished download.



6. Unzip file and go to folder 'Star\_Windows\_Software\_V3.4.0\_setup\setup'

This PC →	Downloads > Star_Windows_Software_V3.4.0_s	etup → setup			
<b>^</b>	Name	Date modified	Туре	Size	
	MSComponents	9/13/2023 10:47 AM	File folder		
	🏧 Data_x64	9/12/2023 5:11 PM	WinRAR archive	25,405 KB	
	🏧 Data_x86	9/12/2023 5:11 PM	WinRAR archive	24,882 KB	
Micronics	Firmware_Info_En	8/30/2023 2:16 PM	Text Document	1 KB	
	Firmware_Info_Jp	8/30/2023 2:16 PM	Text Document	1 KB	
icropics (	Readme_En	8/30/2023 2:16 PM	Text Document	11 KB	
icronics :	📄 Readme_Jp	8/30/2023 2:16 PM	Text Document	15 KB	
ics lask	🐻 Setup	8/29/2023 9:44 AM	Application	322 KB	
	🖶 StarWindowsSoftware-3.4.0-3.4.0-Release	9/12/2023 5:13 PM	Windows Installer	84,644 KB	
	🚏 StarWindowsSoftware-3.4.0-3.4.0-Release	9/12/2023 5:13 PM	Windows Installer	65,368 KB	



7. Right click 'Setup' and click 'Run as Administrator' to install driver printer.

Name	^	Date modified	
MSCo	omponents	9/13/2023 10:47	7 AM
🌠 Data_	x64	9/12/2023 5:11	PM
📴 Data_	<u>x</u> 86	9/12/2023 5:11	PM
📑 Firmv	vare_Info_En	8/30/2023 2:16	PM
📑 Firmv	vare_Info_Jp	8/30/2023 2:16	PM
📄 Readi	me_En	8/30/2023 2:16	PM
📄 Readi	me_Jp	8/30/2023 2:16	PM
🐻 Setur		- 0/20/2022 0.44	AM
😿 Setu- 1🖥 Star	Open	0.44,0 2002,0044,1	AM PM
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중 Setu 1중 Star 1중 Star	Open Run as administrator Share with Skype Troubleshoot compatibility		AM PM PM
16 Setu 16 Star 16 Star	Open Run as administrator Share with Skype Troubleshoot compatibility Move to OneDrive	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AM PM PM
፼ Setu≕ 1ᡖ Star 1ᡖ Star	Open         Image: Provide the strength of the strengt of the strength of the strengt of the strengt	\\	AM PM PM

# 8. Click 'Next'

🕷 Star Windows Software Ver3.4.0 Setup

Welcome to the Star Windows Software Ver3.4.0 Setup Wizard

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The Setup Wizard will install Star Windows Software Ver3.4.0 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.





9. Check 'I accept .....' and click 'Next'

🐙 Star Windows Software Ver3.4.0 Setup × End-User License Agreement Please read the following license agreement carefully Software License Agreement ~ I.General Terms and Conditions This General License Agreement ("Agreement") made and entered into by and between you and Star Micronics Co., Ltd. and/or its subsidiaries (hereinafter collectively referred to as "Star") stipulates the terms and conditions pertaining to the licensing of the software (including all related documentation and accompanying data furnished by Star, hereinafter referred to as "the Software") This Agreement does not apply to any I accept the terms in the License Agreement Back Next Cancel 10. Click 'Typical' 😸 Star Windows Software Ver3.4.0 Setup **Choose Setup Type** Choose the setup type that best suits your needs Typical All program features and printer drivers will be installed. Recommended for most users. Custom Allows users to choose which program features will be installed and where they will be installed. Recommended for advanced users. Back Next Cancel



11. Click 'Install' and wait until finished install.

11.	A Star Windows Software Ver	A 0 Setup			~
	The star windows software vers	s.4.0 Secup	3.—		^
	Ready to install Star Wi	ndows Software Ver3.4.0	5	sta	r
	Click Install to begin the inst installation settings. Click Ca	allation. Click Back to review or on an	hange any of	fyour	
		Back	Install	Cano	cel
12.	Click ' <b>Finish</b> '				
	😹 Star Windows Software Ver3	.4.0 Setup	S <del></del>		$\times$
		Completed the Star Ver3.4.0 Setup Wiza	Windows Ird	Software	5
	star				
		Click th <mark>e Finish button to exit</mark>	the Setup Wi	zard.	
		Back	Einish	Cano	el



#### 13. Click 'Close'

Information



14. Connect USB Cable between Printer and Windows PC then will automatically detect the drive printer. Control Panel > Devices and Printers



15. Right click on the driver printer and select 'Printer Properties'





16. Click 'Star/Help' and click 'Open Printer Utility'

	v Devic	e Settings	Star / Help	General	Sharing	Ports	Advanced	Color Management
General	Sharing Ports	Advanced	Color Management	Securi	ty	Device S	ettings	Star / Help
3	Star TSP100			Open	Printer Utility	i		
ocation:				Co	nfigure Port			
Comment:				Open	Backup Utility			
				Shov	v Driver Help			
Model: Features Color: No	Star TSP100	Paper available:		S				
	ded: No	72mm x Receip	t 🔺					
Double-sig								
Double-sid Staple: No Speed: Un	known							
Double-sid Staple: No Speed: Un Maximum	known 1 resolution: 203 dpi		•					
Double-sid Staple: No Speed: Un Maximum	known a resolution: 203 dpi Pre	erences	Print Test Page					

## 17. No need to setting printer name, Click 'OK'



#### 18. Click 'OPOS'

File Tool Help	
~	Utility Functions
	Windows Printer Queue Management
	This function will allow for the installing and management of printer queues for the windows printer spool system.
	Printer Settings Use this function to configure your printer's settings and fine tune its operation.
-ISP IOOIV	Barcode Reader Settings
Current Connection	Use this function to configure your barcode reader's (BCR-POP10) settings and fine tune its operation.
TSP100IV	Troubleshooting
StarPRNT Mode USB	Use this function to check and troubleshoot your printer by sending it a variety of diagnostic print patterns.
Star TSP100	OPOS
<u>Check</u> <u>Change</u>	This function allows you to register and configure OPOS POSPrinter, CashDrawer, Scanner, LineDisplay and ToneIndicator devices.
	Logo Store
Connection Manager	Use this to store your logos and images into the printer. This is often useful in terms of deployment and also in terms of print speed.
Star TCD100	Firmware Update
Rename	Use this functin to update your pinter's firmware.
Delete	Star CloudPRNT Settings
Create New	Use this function to configure your printer to print from a remote server.
	Printer's Network Settings
	Use this function to configure the settings of the network and a connection to a cloud.



19. Select 'Control Object' and 'Service Object' on POS Printer and Cash Drawer

File Tool Help			
~	Utility Functions > OPOS		
TSPIOOIV	Please uncheck the setting of the printer driver "E         POSPrinter         Control Object         OPOS POSPrinter Control 1.13.000 [Public, by CRM/RCS-I         Service Object         SMJ OPOS POSPrinter Service Object Mobile 1.13.10	inable bidirectional support" for using Dayton] 1.13.0	OPOS Driver.
Correct Correction		Test	
		Configure	
StarPRNT Mode		Add new	
Star TSP100		Delete	
	· · · · · · · · · · · · · · · · · · ·	See all registered devices	
Connection Manager	CashDrawer Control Object OPOS CashDrawer Control 1.13.000 [Public, by CRM/RCS Service Object MJ OPOS CashDrawer ServiceObject 2009 1.13.11	-Dayton] 1.13.0	
Star ISP100 V		Test	
		Configure	
		Add new	
		Delete	
		See all registered devices	

20. Click 'Add New' and Setting OPOS Name and click 'OK'

	Unity Functions > 0P05	
TSPIOOIV	Please uncheck the setting of the printer driver "E POSPrinter Control Object OPOS POSPrinter Control 1.13.000 [Public, by CRM/RCS- Service Object SMJ OPOS POSPrinter Service Object Mobile 1.13.10	Enable bidirectional support" for using OPOS Driver. Dayton] 1.13.0
		Test
Current Connection		
		Configure
StarPRNT Mode		Add new
USB		· · · · · · · · · · · · · · · · · · ·
Star ISP100	New POSPrinter Name	
Connection Manager	Ca Enter a name for the new POSPrinte	or.
	POSPrinter	Cancel
Star TSP100 V		Test
		Configure
		Add new
		Delete
		See all registered devices



- 21. In case the system needs Logical Name... Setup Logical Name same as system requirement.
  - 1. Click 'POSPrinter'
  - 2. Click 'Configuration'
  - 3. Select Printable Area
  - Click 'Add New' to add Logical Device Name same as system requirement Utility Functions > OPOS

Current Connection TSP100IV Star/PRNT POSPrinter	Please uncheck the setting of the printer driver "Enable bidirectional support" for using OPOS Driv         POSPrinter         Image: Control Object         OPOS POSPrinter Control 1.13.000 [Public, by CRM/RCS-Dayton] 1.13.0         Image: Service Object         SMU OPOS POSPrinter Service Object Mobile 1.13.10         Image: PosPrinter Service Object Mobile 1.13.10
USB Star TSP1 Settings Connection Star TSP100	Character region: Single Byte Character Set (SBCS) ~ NVLogoPrint: Printable Area: 72mm (576dots) Two Color Printing: 51mm (408dots) Communications timeout Communications timeout Restore Defaults 32mm (256dots) 32mm (256dots)
	Add new 4 Delete OK Cancel

- 22. Make sure OPOS Driver is working, please test OPOS Driver before starting with system.
  - 1. Click 'POS'Printer'
  - 2. Click 'Test'
  - 3. Click 'CheckHealth' to test printing OPOS Driver

-	Utility Functions > OPOS	
TSPIOOIV	Please uncheck the setting of the printer driver " POSPrinter Control Object OPOS POSPrinter Control 1.13.000 [Public, by CRM/RCS Service Object SMJ OPOS POSPrinter Service Object Mobile 1.13.10	Enable bidirectional support" for using OPOS Drive
	POSPrinter	Test 2
Current Connection	SMJ OPOS POSPrinter	× Configure
TSP100IV StarPRNT Mode	_Station	Add new
Star TSP100	C Journal	Delete
		See all registered devices
	C Slip	
Connection Manager	CheckHealth 3	yton] 1.13.0
Star TSP100 V		Test
		Configure



## 23. Click 'Add New' and Setting Cash Drawer Name and click 'OK'

~	Utility Functions > OPOS	
TSPIOOIV	Please uncheck the setting of the printer driver "Enable to POSPrinter Control Object OPOS POSPrinter Control 1.13.000 [Public, by CRM/RCS-Dayton] 1 Service Object SMJ OPOS POSPrinter Service Object Mobile 1.13.10	vidirectional support" for using OPOS Driver.
	POSPrinter	Test
Current Connection		Configure
TSP100IV		
USB		Add new
Star TSP100	New CashDrawer Name	
	Ca Ca Ca Ca Ca	ок
Connection Manager	CashDrawer	Cancel
Cher TCD100	SMJ OPOS CashDrawer ServiceObject 2009 1.13.11	
Star I SP 100 V		Test
		Configure Add new
		Delete
		See all registered devices

24. In case the system needs Logical Name... Setup Logical Name same as system requirement.

- 1. Click 'CashDrawer'
- 2. Click 'Configure'
- 3. Adjust Setting
- 4. Click 'Add New' to add Logical Device Name same as system requirement

Utility Functions > OPOS       Settings       3         Please uncheck the setting of the p       POSPrinter       CashDrawer circuit       Primary       3         Control Object       OPOS POSPrinter Control 1.13.000 [Public       Settings       3         Service Object       Service Object       200       200       200       200         Supported       SMJ OPOS POSPrinter Service Object Mc       Drawer status:       Not supported       200
Please uncheck the setting of the p         POSPrinter         Control Object         OPOS POSPrinter Control 1.13.000 [Public         Service Object         SMJ OPOS POSPrinter Service Object Mc         POSPrinter         Current Connection         TSP100IV         StarPRNT Mode
Control Object       On pulse width (milliseconds):       200 ~         OPOS POSPrinter Control 1.13.000 [Public       Off pulse width (milliseconds):       200 ~         Service Object       SMJ OPOS POSPrinter Service Object Mc       Drawer status:       Not supported ~         Current Connection       POSPrinter       Status signal:       Normal signal ~         TSP100IV       TSP100IV       200 - 30000 milliseconds):       200 - 30000 milliseconds):
Current Connection     Service Object     Off pulse width (milliseconds):     200 ~       TSP100IV     SMJ OPOS POSPrinter Service Object Mc     Drawer status:     Not supported ~       Current Connection     POSPrinter     Status signal:     Normal signal ~       TSP100IV     TSP100IV     200 - 30000 milliseconds):     200 - 30000 milliseconds)
TSPIOOIV     SMJ OPOS POSPhinter Service Object Me     Drawer status:     Not supported       Current Connection     POSPrinter     Status signal:     Normal signal       TSP100IV     StatPRNT Mode     200 - 30000 milliseconds)
POSPrinter     Status signal:     Normal signal       Current Connection     Communications timeout:     10000       TSP100IV     200 - 30000 milliseconds)
Current Connection     Communications timeout:     10000       TSP100IV     200 - 30000 milliseconds)       StarPRNT Mode
TSP100IV StarPRNT Mode (200 - 30000 milliseconds)
Star TSP100 Restore Defaults
Logical Device Names
CashDrawer Control Object ODDS CashDrawer Cashel 1 13 000 Kb t
Connection Manager
Star TSP100 OK Cancel
Add new
Delete
See all registered devices



- 25. Make sure OPOS Driver for Cash Drawer is working, please test OPOS Driver before starting with system.
  - 1. Click 'CashDrawer'
  - 2. Click 'Test'
  - Click 'CheckHealth' to test kicking cash drawer <u>Utility Functions ></u> OPOS

TSPIOOIV	Please uncheck the setting of the printer driver "En POSPrinter Control Object OPOS POSPrinter Control 1.13.000 [Public, by CRM/RCS-Da Service Object SMJ OPOS POSPrinter Service Object Mobile 1.13.10	able bidirectional support" for using OPOS Drive
Current Connection	POSPIIIIter	lest
		Configure
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Star TSP100	SMJ OPOS CashDrawer	×
Connection Manager Star TSP100	CashDrawer Control Object OPOS CashDrawer C Service Object SMJ OPOS CashDrawer ServiceObject 2009 1.13.11	
	CashDrawer	Test
	÷	Configure
		Add new
		Delete
		See all registered devices