

Printer Driver Manual Label Printer

Ver. 1.00



Introduction

This printer driver Manual provides information on installation, uninstallation, detailed specifications, and usage of the printer's Windows Driver according to PC operating system (OS).

It is advisable to read the contents of this manual carefully before using the customer display for the first time.

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1. Supported Operating System (OS)

The following operating systems are supported for usage.

Microsoft Windows XP SP3 (32bit, 64bit) Microsoft Windows Server 2003 SP1 (32bit) Microsoft Windows Server 2003 (64bit) Microsoft Windows VISTA (32bit, 64bit) Microsoft Windows Server 2008 (32bit, 64bit) Microsoft Windows Server 2008 R2 (64bit) Microsoft Windows 7 (32bit, 64bit) Microsoft Windows 8 (32bit, 64bit) Microsoft Windows Server 2012 (64bit) Microsoft Windows 10 (32bit, 64bit)

▲ Caution	 Serial and Parallel printer port do not work on Windows 10 version 1511 (OS Build 105860.104) specific. We recommend you to install the latest Windows 10 update through Windows Update before installing Windows Driver. You can download and install the Windows Update in the Update & security tab of the Settings menu.
	(III > Settings > Update & security > Windows Update).

2. Supported Printers

The Windows driver is available for the following SATO printers.

SATO PV3 SATO PV4

3. Printer Driver Preparation

The Windows Driver is included in the enclosed CD, and the latest file version can be downloaded from SATO website. (<u>www.satoworldwide.com</u>)

4. Printer Driver Installation

4-1 Printer Driver Installation

• Run "Software_Label_Windows_Driver_V5.x.x.xxx.exe" to install printer driver, and follow the steps below.

4-1-1 Introductory Steps

 Set the installation directory, and then click "<u>N</u>ext". Click "<u>N</u>ext" again on "Printer Installation Wizard" window.



2) Click "Install Printer Driver", and then select the port to which the printer is attached. Refer to the contents in this manual about printer port installation.



Ports	Description	Reference
Local port	Serial (COM) or Parallel (LPT) ports	4-1-2
Network port	Ethernet (LAN) or Wireless (Wi-Fi) installation	4-1-3
USB port	USB Plug and play device.	4-1-4
Other	Manual installation on any port.	4-1-5

4-1-2 Local Port

1) Select the printer model and the local port to which your printer is connected.



Function	Description
Show all ports	display all available ports on the system.
Configure	set the appropriate port-specific values.



If COM port for Bluetooth paired with the HOST(PC) is not in the port list, stop the installation and restart the computer. After restarting, start the installation procedure again.

2) To configure the currently selected local port, click Configure. System dialog opens allowing you to set the appropriate port-specific values.



Port(s) which are already taken by other printers are grayed-out.

3) Click "Next" to proceed to Printer Options step. Refer to the description of printer options in 4-1-6 of this manual.

4-1-3 Network Port

 Select the printer model and the network port to which your printer is connected. If there is no network ports to which your printer is connected in the list, select "<u>C</u>reate a new network port" and then click "<u>N</u>ext".

Printer Installation Wizard	Printer Installation Wizard			
Select Printer Please select the printer that you would like to install.	Select Network Port Select the port your pr O Create a new network p			
SATO PV4	O Use an existing port:			
	Port	Туре	Configuration	
	192.168.100.140	TCP/IP	192.168.100.140	
	192.168.100.75	TCP/IP	192.168.100.75	
	IP_192.168.0.43	TCP/IP	192.168.0.43	
	IP_192.168.1.1	TCP/IP	192.168.1.1	•
	Show all ports		Configu	ire
Exit < Previous Next >		E	Exit < Previous	Next >

"<u>C</u>reate a new network port" option opens the Add Network Port window. Enter port configuration for the desired printer, and then click "<u>N</u>ext".

Printer Installation Wizard	
Add Network Port Enter port configuration for th	e desired printer.
Port name:	LAN_SATO_PV4
Printer Name or IP Address:	192.168.100.192
Port number:	9100
	Exit < Previous Next >

Installation Option	Description
Port name	defines the name for the newly created network port
Printer Name or	defines which printer (its name or IP address) connects to the
IP Address	newly created network port.
Port Number	number of the newly created network port. (default: 9100)

2) Click "<u>N</u>ext" to proceed to Printer Options step. Refer to the description of printer options in 4-1-6 of this manual.

4-1-4 USB Port

When installing a USB printer, this application automatically detects the connected printer using its Plug and Play ID.

- 1) After connecting the printer to the USB port, turn on the printer. If the printer is already connected and powered on, disconnect and reconnect the USB cable.
- 2) If a printer connection is detected, it will automatically go to the end of the printer installation. Refer to the description of printer options in 4-1-6 of this manual and proceed to the next step.

nter Installation Wizard	Printer Installation Wizard		
Detect USB Printer Automatically detect printer connected to USB port.	Printer Options Please select printer options	s before installation.	
Please connect the printer to USB port and then turn on the printer. If printer is already connected and turned on please disconnect and then reconnect the USB cable.	Driver version: 5.	ATO PV4 3.03.7342 S8005	
	Select language:	nglish 🔻]
	I want to use this printer	r as the Windows default printer ato PV Font Downloader	
Exit < Previous Next >		Exit < Previous Inst	tall

4-1-5 Other Port

You can install the printer driver by manually selecting a dedicated port to connect to the printer or all available ports on your system. Follow the procedure below.

1) Select the appropriate printer model.

Printer Installation Wizard	Printer Installation Wizard		
Select Printer Please select the printer that you would like to install.	Select Local Port Select the port you	r printer is connected to.	
SATO PV3 SATO PV4	Port	Туре	Configuration
3410 PV4	LPT1:	Printer Port	
	LPT2:	Printer Port	
	LPT3:	Printer Port	
	COM1:	Serial Port	_
	COM2:	Serial Port	=
	COM3:	Serial Port	
	COM4:	Serial Port	
	COM5:	Serial Port	
	COM6:	Serial Port	_
	Show all ports		Configure
Exit < Previous Next >		E	kit < Previous Next >

2) Select the port for connecting the printer. The port can either be an existing or a newly added one.

Function	Description
Add button	Creates a new port. Press the button to open Advanced TCP/IP Port Configuration window.
Configure button	Configures the local port

3) Click "Next" to proceed to Printer Options step. Refer to 4-1-6 in this manual.

4-1-6 Printer Options

Printer Options window allows you to set printer identity parameters.

nter Options	and the second stand with the second stand stands and stand stands at the second stand stands at the second stand stands at the second stand s
Please select printer	options before installation.
Printer name:	SATO PV4
Driver version:	5.3.03.7342
Port name:	USB005
Select language:	English
🔲 I want to use this	printer as the Windows default printer
Launch installatio	n of Sato PV Font Downloader

Printer Option	Description
Printer Name	sets custom printer name to make it easily recognizable after the installation.
Driver Version	information about the current driver version.
Port Name	information about the currently used port.
Select language	defines driver user interface language.

Enable "I want to use this printer as the Windows default printer" to set the current printer as the default system printer. And, enable "Launch installation of SATO PV Font downloader" to put true type fonts into the printer.

Click the "Install" to start installing the printer driver and font downloader. Please refer to 4-1-7 of this manual for a description of the additional installation procedure for the font downloader.

During the installation, uninstallation or update of the printer driver, "PrnInst.exe" application checks for applications that could lock the printer driver files. If detected, following windows can appear.

PrnInst - Process	PrnInst - Process
The driver is locked by another process Close applications locking the driver, and press <retry></retry>	The driver is locked by another process Close applications locking the driver, and press <next></next>
The driver files are locked by the following processes. Please close all applications to release the files and press "Retry" to continue or "Ignore" to force uninstalling driver.	SplWow64.exe (Thunking Spooler) process was found running on the system. It helps all 32bit applications to be able to print on 64bit systems. To continue the installation, Printer Installation Wizard needs to restart this process. By doing so, this can
explorer.exe	unpredictably influence any 32-bit applications that are using windows drivers for printing. Please save your work in any such applications and close them before continuing installation.
<u>Exit</u> <u>Previous</u> <u>Ignore</u>	< Previous Exit Next>

In this case, you have the following options, but please proceed with the installation by clicking the "Ignore" or "Next" button

- Continue with the installation. New files are copied installation is complete after restarting the computer.
- Stop the installation and restart the computer. After restarting, repeat the installation procedure.
- Close the applications that are locking the printer driver.



When the installation is complete, you will see the word "Succeeded". If you want to continue the installation of the printer, check the "Install another printer" checkbox and then click "<u>N</u>ext". To exit the installation, click "<u>Exit</u>".

4-1-7 Font Downloader Installation

To install the font downloader, follow the procedure below.

- 1) Click "<u>N</u>ext" to proceed to next step.
- 2) Specify the installation folder and click "Next".



- 3) Check the name of the Start Menu folder to be created and click "Next".
- 4) Decide whether to create the shortcut icon and click "Next".

🔂 Setup - Sato PV Font Downloader	📕 🔂 Setup - Sato PV Font Downloader
Select Start Menu Folder Where should Setup place the program's shortcuts?	Select Additional Tasks Which additional tasks should be performed?
Setup will create the program's shortcuts in the following Start Menu folder.	Select the additional tasks you would like Setup to perform while installing Sato PV Font Downloader, then click Next.
To continue, click Next. If you would like to select a different folder, click Browse.	Additional icons:
SatoWSato PV Fort Downloader Browse	☑ Create a desktop icon Sato PV Font Downloader
Don't create a Start Menu folder	
< Back Next > Cancel	< Back Next > Cancel

- 5) Review the contents for the installation and click the "Install".
- 6) Click "Finish" to complete the installation.



4-2 Printer Driver Uninstallation

• There are two buttons for deleting the printer driver. To delete everything related to the printer driver completely, refer to the manuals described in 4-2-1 and 4-2-2 of this manual, and then click that button to delete the printer driver.

	Make sure you are logged in as a user with sufficient rights before
	starting the driver removal process.
	When removing a printer driver, make sure that:
	- The printer is not set as a default printer.
	- There are no print jobs waiting in the print queue.
Note	- The printer is not locked by the Windows spooler process.
	If you are unable to delete the printer driver, perform one of the following actions:
	- Restart Windows spooler.
	- Delete print jobs from the Windows spooler.
	- Computer restart is required in certain cases.

4-2-1 Printer Driver Uninstallation

To remove a printer driver using "PrnInst.exe" application, follow these steps below.

 Run "PrnInst.exe" application. This application can be found in the default printer driver installation path. If you cannot find it, run the "Software_Label_Windows_Driver_V5.x.x.xxx.exe" application.



- 2) Click "<u>N</u>ext" on the "Printer Installation Wizard" window.
- 3) Click "Uninstall Printer Drivers".

Printer Installation Wizard		Printer Installation Wizard
	This wizard will help you install, update or remove printer drivers.	Installation Options Please select one of the driver installation or removal options.
		 Install Printer Driver Installs printer driver.
		 Update Printer Drivers Updates one or more already installed printer drivers.
		Uninstall Printer Drivers Uninstalls one or more printer drivers.
	Version 5.4.12 Copyright (C) 2001-2019 SATO CORPORATION All Rights Reserved.	 Remove Preloaded Drivers Removes preloaded drivers.
	Exit < Previous Next >	Exit < Previous Next >

 4) Select the printer to be removed, and then click "<u>N</u>ext". If you see a warning about "Splwow64.exe" during removing printer driver, click "<u>N</u>ext". After clicking "<u>N</u>ext", "PrnInst.exe" application restarts the Splwow64.exe process. This unlocks the printer driver and completes the uninstallation process.

Printer Installation Wizard	PrnInst - Process
Uninstall Printer Driver Please choose the printer you want to uninstall.	The driver is locked by another process Close applications locking the driver, and press <next></next>
Select the printers from the list you want to uninstall:	SpfWow64.exe (Thunking Spooler) process was found running on the system. It helps all 32bit applications to be able to print on 64bit systems. To continue the installation, Printer Installation Wizard needs to restart this process. By doing so, this can unpredictably influence any 32-bit applications that are using windows drivers for printing. Please save your work in any such applications and close them before continuing installation.
Exit < Previous Next >	< Previous Exit Next >

5) Click " \underline{E} xit" to complete the uninstallation.



4-2-2 Printer Driver Package Uninstallation

To remove a printer driver package using "PrnInst.exe" application, follow these steps below.

 Run "PrnInst.exe" application. This application can be found in the default printer driver installation path. If you cannot find it, run the "Software_Label_Windows_Driver_V5.x.x.xxx.exe" application.

 Note
 Default Installation Path: C:\Program Files (x86)\SATO\Printer

 drivers\Label Windows Driver

- 2) Click "Next" on the "Printer Installation Wizard" window.
- 3) Click "Remove Preloaded Drivers".



Note

"The <u>Remove</u> Preloaded Drivers" option only removes the driver installation files from the system. To uninstall a driver, select option "<u>U</u>ninstall Printer" in the Options window.

4) Select the driver to be removed, and then click "<u>N</u>ext". While removing the driver package, the following warning message may appear. If you click the "Next (N)" button, you can restart the "Splwow64.exe" process to continue the removing procedure.

Printer Installation Wizard	PrnInst - Process
Remove Driver Package Please choose the driver package you want to remove from the system.	The driver is locked by another process Image: Close applications locking the driver, and press <next></next>
Select the drivers from the list you want to remove from the system: Image: Manufacturer Version Image: SATO 5.3.03.7342	SplWow64.exe (Thunking Spooler) process was found running on the system. It helps all 32bit applications to be able to print on 64bit systems. To continue the installation, Printer Installation Wizard needs to restart this process. By doing so, this can unpredictably influence any 32-bit applications that are using windows drivers for printing. Please save your work in any such applications and close them before continuing installation.
Inf file: C:\Windows\infloem47.inf	
Exit < Previous	ext> Cerevious Exit Next>

5) Click "<u>E</u>xit" to complete the uninstallation.

Printer Installation Wizard	
Summary Operation completed. Please read the summary below.	
Removing following driver package(s) from the system: - SATO (5.3.03.7342)succeeded.	
	Exit

4-3 Printer Driver Update

• To update a printer driver using "PrnInst.exe" application, follow these steps below.

 Run "PrnInst.exe" application. This application can be found in the default printer driver installation path. If you cannot find it, run the "Software_Label_Windows_Driver_V5.x.x.xxxx.exe" application.

 Note
 Default Installation Path: C:\Program Files (x86)\SATO\Printer

 drivers\Label Windows Driver

- 2) Click "Next" on the "Printer Installation Wizard" window.
- 3) Click "Update Printer Drivers".

Printer Installation Wizard		Printer Installation Wizard
	This wizard will help you install, update or remove printer drivers.	Installation Options Please select one of the driver installation or removal options.
		Install Printer Driver Installs printer driver.
		Update Printer Drivers Updates one or more already installed printer drivers.
		 Uninstall Printer Drivers Uninstalls one or more printer drivers.
	Version 5.4.12 Copyright (C) 2001-2019 SATO CORPORATION All Rights Reserved.	 Remove Preloaded Drivers Removes preloaded drivers.
	Exit < Previous Next >	Exit < Previous Next >

- 4) "Select" a printer to update its driver.
- 5) Compare Installed version column with New version column, and then click "Update". If you see a warning about "Splwow64.exe" during printer driver update, click "Next". After clicking "Next", "PrnInst.exe" application restarts the Splwow64.exe process. This unlocks the printer driver and completes the upgrade process.

Printer Installation Wizard			PrnInst	nst - Process
Update Printer Driver Updates one or more already	installed printer drivers.			The driver is locked by another process Close applications locking the driver, and press <next></next>
Select printer drivers that will be u Drivers that share files will be upo				SplWow64.exe (Thunking Spooler) process was found running on
Printer name	Installed version	New version		the system. It helps all 32bit applications to be able to print on 64bit systems. To continue the installation, Printer Installation
SATO PV4	5.3.3.7342	5.3.3.7342		Wizard needs to restart this process. By doing so, this can unpredictably influence any 32-bit applications that are using windows divers for printing. Please save your work in any such applications and close them before continuing installation.
	Exit	< Previous Up	ate	< Previous Exit Next >

6) Click "<u>E</u>xit".



4-4 Steps for downloading fonts

• To download true type fonts to the printer, double-click the "SATO PV Font Downloader" icon on the desktop to launch the program and follow the procedure below.



1) Run the font download application as an administrator.

Note	Default Installation Path: C:\Program Files (x86)\SATO\Font
	Download

 In the "<u>C</u>ard" menu, click "<u>P</u>rinter Selection" to select the printer to which the font will be downloaded.



3) Click the New icon.



4) Set the path and name for the memory card file to be saved and click "Save".

🔀 New card		×
← → ∽ ↑ 🕹 > This PC > Downloads	✓ ひ Search Downloads	0
Organise 👻 New folder		?
↑ Name ^	Date modified Type	
Desktop 🖈	No items match your search.	
🕂 Downloads 🖈		
🔮 Documents 🖈		
📰 Pictures 🖈		
BIXOLON OPOS		
📙 INO sample		
issue occured_3		
Log		
📥 OneDrive		
📮 This PC 🗸 🗸		>
File name: NewTrueFont		~
Save as type: Memory Card Files (*.mmf)		\sim
∧ Hide Folders	Save Cancel	

Card Setup	X
Printer Information	
Name	SATO PV4
Туре	Sato PV Printer
Version	509.0
Capabilities	Fonts
Memory Card	
File	NewTrueFont.mmf
Slot name	Internal flash
Occupied memory	0 B
Description	Newfont
Card size	131072 🔻 K bytes
ок	Cancel Help

5) In the "Fonts" menu, click "Add...". Select the font and size you want to download and click "OK".

🛃 Sato PV Font D	ownloader					
<u>Card</u> <u>V</u> iew <u>F</u>	onts <u>P</u> ictures	<u>T</u> ools <u>H</u> elp				÷
i 🗋 🚵 😓 📘	<u>A</u> dd					
Memory card		Internal flash	•			
Memory card t	Do <u>w</u> nload	NewTrueFont.mmf				
	<u>R</u> emove Edit					
Fonts	<u>T</u> est Print					
	Test Fillit					
SATO PV4			0 B	0 B	131072 KB	.41
Font				×		
ront				^		
<u>F</u> ont:		Font st <u>y</u> le:	<u>S</u> ize:			
Arial		Regular	12 OK			
Arial	^	Regular ^	12 ^ Canc	el		
Arial Round		Narrow Bold	16			
Arial Unicod	e MS	Narrow Bold Itali	18 20			
Bahnschrift		Bold	22 24 ¥			
BarCode	*	Bold Italic v	24 *			
		Sample				
		AaBbYy	Zz			
		Script:				
		Western	~			

6) Check the information about the font to be downloaded. Click "<u>Characters</u>" to select the characters of the font to be downloaded.



Font							
4.	Select the font you want	to download.					
	Arial 12 Pt	Arial 12 Pt Select					
	Font will be stored to pr	inter as:					
	A						
Inform	ation						
Th	is is test string. ABC	abc 123					
Max	Maximum cell width 51						
Max	ximum cell height	57					
Nur	mber of characters	224					
Sele	ected characters	97					
Tota	al space	32584 bytes					
Sele	ected character space	14316 bytes					
<u>C</u> har	acters	ОК	Cancel				

Symbol	Description			
Available	Characters that can be added			
Selected	Characters already added			
>>	Add all the characters that can be added			
>	Add selected characters			
<	Remove selected characters			
<<	Remove all added characters			
<>	Replace the characters that can be added and the characters already added			

7) Check the character information to be added or deleted and click "OK".

Select Characters		×
Available	Selected	
? ? 29 ? ? 30 ? ? 31 ? ? 32 ? ? 33 ? ? 34 ? ? 36 ? ? 36 ? ? 38 ? ? 39 ? ? 40	32 ! ! 33 " - 34 # # 35 \$ \$ \$ \$ \$ \$	∧ OK Cancel
Select group		∨ <u>S</u> elect

8) Click "Yes" to proceed with the font download.



9) If the font download succeeds, the downloaded font is displayed in the font list.

🚮 Sato PV Font De	ownloader			- 0	×
<u>Card View For</u>	nts <u>P</u> ictures	<u>T</u> ools <u>H</u> elp			÷
i 🗋 👌 😓 🕥	≽ 🗟 🖕				
Memory card slot:		Internal flash	~		
Memory card file:		NewTrueFont.mmf			
Fonts					
🛃 Arial 12 Pt					
					_
Information		This is test string.	ABC abc 123		Â
Estimated size: 86	76 bytes				
Width: 37 dots					- 11
Height: 39 dots			0070 0	0070 D 010 KD	~
SATO PV4			8676 B	8676 B 512 KB	
🚮 Sato PV Font D	ownloader			- 0	×
	nts <u>P</u> ictures	<u>T</u> ools <u>H</u> elp			-
: 🗋 👌 😓	<u>A</u> dd				÷
×	Delete	[
Memory card	Do <u>w</u> nload	Internal flash	~		
Memory card	<u>R</u> emove	NewTrueFont.mmf			
Fonts	<u>E</u> dit				,
Arial 12 Pt	<u>T</u> est Print				
					^
Information		This is test string.	ABC abc 123		
Estimated size: 86 Width: 37 dots	576 bytes				
Height: 39 dots					~
SATO PV4			8676 B	8676 B 512 KB	

- 10) In the "<u>F</u>onts" menu, click "<u>T</u>est Print" to check if the fonts are downloaded normally. Downloaded fonts can also be printed using SLCS commands and can be used in a manner similar to the example below.
 - Eg) T10,10,**A**,1,1,0,0,N,N,'This is test' Eg) T10,10,**B**1,1,0,0,N,N,'This is test'

5. Printer Driver Settings

5-1 Printing Preferences

• The following functions can be configured after installing the printer driver.

	🖶 SATO PV	/4 Printing Pref	erences		×
		Barcode Fonts		Comman	
	Custom	Commands	Import/Ex	port settings	About
SATO PV4 Properties	× Options	Advanced Set	up Dithering	g Stocks	Printer Memory
Printer Settings Stocks Language Barcode Fonts Command Fonts Abo General Sharing Ports Advanced Colour Management Secur Image: Solution of the state of the sta	nty Na Sp Da St Paper Fom Size W Ha Unprintable) cm [) mm)) inch) portrait) landscape] rotate 180°	0.00

NO	Feature	Description
1	No. Of Copies	The number of copies
2	Speed Set the printing speed	
3	Darkness The darkness level of printouts.	
4	Portrait	The printer prints in portrait orientation.
5	Landscape The printer prints in landscape orientation.	
6	Rotate 180 The option of rotation 180 degree.	
7	Width	Set the width of the paper.
8	Height Set the height of the paper.	
9	Unprintable Area	Set the unprintable area.

5-2 Adding new paper size

1) Click "Preferences..." and Click "New..."

-							_				_
inter Settings Stocks	Language	Barcode Fonts	Command Fonts	About	General	Sharing	Ports	Advanced		r Management	Security
Seneral Sharing	Ports Ac	dvanced Colou	r Management	Security	Printer Sett	ings Stock	is Langua	age Barcod	e Fonts	Command Fonts	About
					Defined st	ocks —					
SATO P	V4					GATO 1.5 x 1.	0 (inch)			<u>^</u>	
олгот					9	GATO 1.5 x 1.	5 (inch)				
						SATO 1.5 x 2. SATO 2.0 x 1.					
ocation:					9	SATO 2.0 x 1.	5 (inch)				
						SATO 2.0 x 2. SATO 2.0 x 3.					
Comment:						SATO 2.0 x 3. SATO 2.0 x 4.					
					9	SATO 2.0 x 5.	0 (inch)				
						SATO 2.0 x 6. SATO 2.0 x 7.				~	
					6						
Model: SATO P	V 4				Stock des	cription —					
Features					S	ATO 1.5 x 1.0	(inch)				
Colour: No		Paper availab	e:								
Double-sided: No		SATO 1.5 x 1.	0 (inch)	<u>^</u>	Descriptio	n					
Staple: Unknown		SATO 1.5 x 1.					n lahel stock	here and save	it for futu	reuse Each	
		SATO 1.5 x 2.						s and some prir			
Speed: Unknown		SATO 2.0 x 1.									
Maximum resolution	n: 203 dpi	SATO 2.0 x 1.	5 (inch)	~							
	Dre	ferences	Print Test Pa	ae							
		rerences	rine reserve	ge		New.		Change		Delete	
								-			
	OK	Cancel	Apply	Help			OK	Cano		Apply	Help

2) Set a value you want and then click "OK".

Define Stock	? ×
Name	
MyPaperSize	
Options	
Darkness 17	~
Speed 2	√ "/s
Dimensions	
Label Width 1.50	inch
Label Height 1.00	inch
Unprintable Area	
Left: 0.00 Top:	0.00
Right: 0.00 Botto	m: 0.00
OK Cancel	Help

6. Specifications

6-1 Specifications

Model	DPI	Max Printable Width	Print Speed Support
SATO PV3	203 dpi	576 dots	1,2,3,4,5ips
SATO PV4	203 dpi	832 dots	1,2,3,4ips

6-2 Paper Size

- 1.5 x 1.0 inch (38.1 x 25.4 mm) 1.5 x 1.5 inch (38.1 x 38.1 mm) 1.5 x 2.0 inch (38.1 x 50.8 mm) 2.0 x 1.0 inch (50.8 x 25.4 mm) 2.0 x 1.5 inch (50.8 x 38.1 mm) 2.0 x 2.0 inch (50.8 x 50.8 mm) 2.0 x 3.0 inch (50.8 x 76.2 mm) 2.0 x 4.0 inch (50.8 x 101.6 mm) 2.0 x 5.0 inch (50.8 x 127.0 mm) 2.0 x 6.0 inch (50.8 x 152.4 mm) 2.0 x 7.0 inch (50.8 x 177.8 mm) 2.0 x 8.0 inch (50.8 x 203.2 mm) 2.5 x 1.0 inch (63.5 x 25.4 mm) 2.5 x 1.5 inch (63.5 x 38.1 mm) 2.5 x 2.0 inch (63.5 x 50.8 mm) 3.0 x 1.0 inch (76.2 x 25.4 mm) 3.0 x 1.5 inch (76.2 x 38.1 mm) 3.0 x 2.0 inch (76.2 x 50.8 mm) 3.0 x 3.0 inch (76.2 x 76.2 mm) 3.0 x 4.0 inch (76.2 x 101.6 mm) 3.0 x 6.0 inch (76.2 x 152.4 mm)
- 3.5 x 1.0 inch (88.9 x 25.4 mm) 3.5 x 1.5 inch (88.9 x 38.1 mm) 3.5 x 2.0 inch (88.9 x 50.8 mm) 3.5 x 3.0 inch (88.9 x 76.2 mm) 3.5 x 4.0 inch (88.9 x 101.6 mm) 3.5 x 6.0 inch (88.9 x 152.4 mm) 4.0 x 1.0 inch (101.6 x 25.4 mm) 4.0 x 1.5 inch (101.6 x 38.1 mm 4.0 x 2.0 inch (101.6 x 50.8 mm) 4.0 x 3.0 inch (101.6 x 76.2 mm) 4.0 x 4.0 inch (101.6 x 101.6 mm) 4.0 x 6.0 inch (101.6 x 152.8 mm) 4.0 x 8.0 inch (101.6 x 304.8 mm) 4.0 x 12.0 inch (101.6 x 304.8 mm)

6-3 Barcode Fonts

• Barcode fonts below can be used from any windows application. Barcode symbol will not be displayed. Only barcode data will be shown on screen but barcode will print correctly.

No	Font Name	1d / 2d
1	SATO CODABAR	
2	SATO CODE128	
3	SATO CODE128 AUTO A	
4	SATO CODE128A	
5	SATO CODE128B	
6	SATO CODE128C	
7	SATO CODE39	One dimensional
8	SATO CODE93	One-dimensional Barcodes
9	SATO EAN13	Darcoues
10	SATO EAN8	
11	SATO I2OF5	
12	SATO IMB	
13	SATO UCC/EAN128	
14	SATO UPC-A	
15	SATO UPC-E	
16	SATO MAXICODE	
17	SATO PDF417	Two-dimensional
18	SATO QR	Codes
19	SATO DATAMATRIX	

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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
1.00	23.09.19	-	New