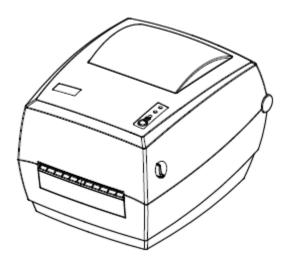


Let Things Better Faster and Vital

SP420



User Manual

Customer Service Email: support@idprt.com Web:www.idprt.com



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SP420 User Manual



Statement

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Warnings

This must be complied with in order to avoid damage to the human body and the equipment.

This shows the important information and tips for the printer operation.

Attention

Due to continuous improvement of the products, the specifications, accessories and procedures described in the manual are based on actual machines. And it may be changed without prior notice.



Important Safety Instructions

Before using the printer, please read carefully the following safety consideration in case of bodily injury or equipment damage.

1.Safety warning



The print head will become very hot during printing, please do not touch the printhead and peripheral parts during printing and printing just finished.

Please do not touch the printhead and connectors, in case that static damages the printer head.

2.Instructions

Warnings: Violating following instructions may cause serious injury or death.

1) Do not plug several products in one porous power outlet.

- This may cause over-heat and a fire.
- If the plug is wet or dirty, dry or wipe it before using.
- If the plug does not fit perfectly to the outlet, do not plug in.
- Be sure to use only standardized porous power outlet.

2) You must use the supplied adapter.

- It is dangerous to use other adapters.
- 3) Do not pull the cable by pulling.
 - This may damage the cable or cause a fire.
- 4) Do not plug in or unplug with your wet hands.
 - You may be electrocuted.
- 5) Do not bend the cable by force or leave it under any heavy object.
 - A damaged cable may cause a fire.



Note: Violating following instructions may cause slight damage of the appliance.

1) If you observe a strange smoke, odour or noise from the printer, unplug it before taking following measures.

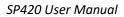
- Switch off the printer and unplug the set from the mains.
- After the disappearance of the smoke, call your dealer to repair it.

2) Install the printer on the stable surface.

• If the printer falls, it may be broken and you may hurt yourself.

3) Use the approved accessories only and do not try to disassemble, repair or remodel it by yourself.

- Call your dealer when you need these services.
- Do not touch the blade of auto cutter.
- 4) Do not let water or other foreign objects drop into the printer.
 - If this happened, switch off and unplug the printer before calling your dealer.
- 5) Do not use the printer when it is out of order. This can cause a fire or an electrocution.
 - Switch off and unplug the printer before calling your dealer.
- 6) Other considerations:
 - Place the printer on a solid and even base so that it cannot fall.
 - Leave enough space around printer for operation and maintenance.
 - Keep all liquids away from the printer.
 - Do not expose the printer to high temperatures, direct sunlight or dust.
 - Ensure the printer is connected to a socket with the correct mains voltage.
 - Switch off the printer POWER supply when it's not in use for a long time.
 - To ensure the printing quality and reliability, suggest use the same quality or recommend paper supplier.
 - Pls. switch off the POWER supply when connect/disconnect all the ports or it will cause damage to the printer control circuit.
 - Never carry out maintenance or repair work yourself. Always contact a qualified service Technician.
 - Keep this User Manual in a place which is always easily accessible.





3.Other Precautions

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4.WEEE (Waste Electrical and Electric Equipment)



This mark shown on the product or its literature indicates that the corresponding item should not be discarded at the end of its working life with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate marked items from other types of

waste and recycle them responsibly to promote the sustained reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office for details of where and how they can conduct environmentally safe recycling of such items. Commercial users should contact their suppliers and check the terms and conditions of purchase contracts. This product should not be combined with other commercial waste for disposal.

Caution: This is a Class A product. In a domestic environment this product may cause radio interference in which the user may be required to take adequate measures.



Chapter 1 Introduction

1.1 Packing List

Note:

1. Unpack the printer and keep the packing materials in case you need to ship the printer in the future.

2.Any damages exist, please contact the local dealer.









AC Adapter

Printer

Power Cord

USB Cable

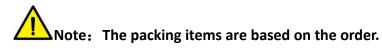




User Guide

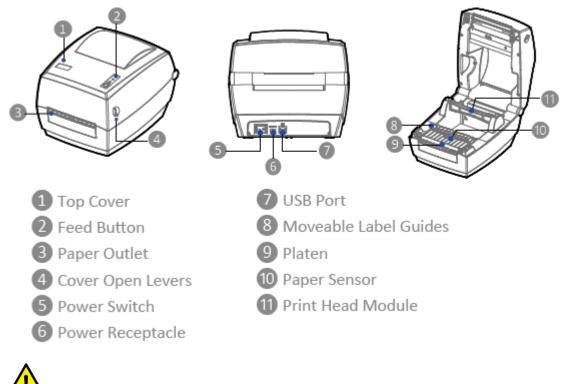








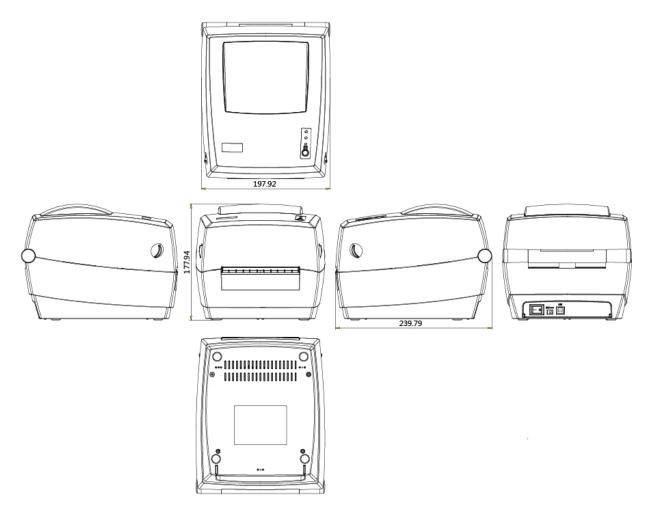
1.2 Appearance and Components



Note: The views above are for your reference. Ports vary by your choice.



1.3 Dimension



Unit: mm



	lt	ems	Parameter
	Printing Method		Direct thermal
Resolution		lution	203dpi(8dots/mm)
Printing	Print	ing Speed	50/75/100/125/150 mm/s
	Printing Width		50-108mm
	Print	ing Length	25mm - 300mm
Processor			32 bits RISC CPU
N 4	RAM		2MB
Memory	Flash	1	2MB
Detectio n	Sens	ors	Paper out detection, seam label detection, black mark detection, open detection
	Туре	s	Roll-fed or fan-fed, label paper, black mark paper
	Widt	:h	2"(50mm) – 4.65"(118mm)
Media	Thick	kness	0.003''(80um) – 0.007''(180um)
	Ext. I	Label Roll Diameter	5"(127mm)
	Ext. I	Fan-fold Paper	W:100mm x L:100mm- 300mm
Programm	ing La	nguage	TSPL, EPL
Label Design Software		l Design Software	BarTender
Software	re Driver		Windows, Mac OS, Linux
			GBK 16x16 24x24dots
Resident Fonts			ASCII 8×16, 12×24dots
			Code 39, Code 93, EAN 8/13 (add on 2 & 5), UPC A/E
Barcode	1D		(add on 2 & 5), I 2 of 5, Codabar, Code 128 (subset A, B, C)
	2D		QR Code
Communic	ation	Interfaces	USB
Man-machine interface		terface	Indicator: Red, Green
Power			I/P: AC100-240V, 50/60Hz, O/P: DC 24V/2.5
		Operation	41°F (5℃)-104°F (40℃), %-85%,non-condensing
Environme	nt	Storage	-4°F (-20℃)-122°F (50℃), %-90%,non-condensing
Physical Dimension		Dimension	240*178*198mm(L*W*H)
Characteri	stics	Weight	2.26kg, excluding consumables
Outline C	A		External label roll holder
Options &	Acces	sories	Folding carton
Agency Approvals		lc	CCC

Chapter 2 Specifications



Chapter 3 Installation & Usage

3.1 Media Loading

3.1.1 Paper Roll Loading

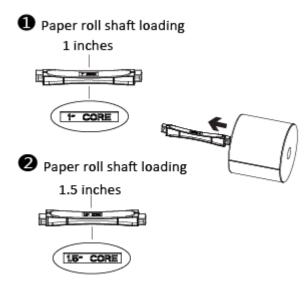
1. Press the left and right cover open lever with hands simultaneously and lift the printer cover.



2.Hold the paper roll shaft and take out of the printer.

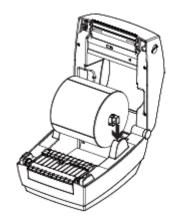


3.Load paper into paper roll shaft coordinate the inside diameter.





4. Then load the paper module from the top down to printer.



5.Pull some paper and pass it through paper guides, adjust paper guides according to the paper width.



6.Press down the top cover until it closes.

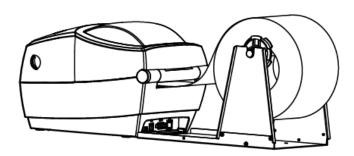


Note: If your printer is under Thermal Line Printing Method, press down the printer cover until it snaps closed. Otherwise, continue the procedure in chapter 3.1.2.



3.1.2 External Paper Roll Loading

If the paper roll is extremely large, users can load the paper roll outside (See the graph at right). Pass the paper through the external feed slot and then through the paper guides.

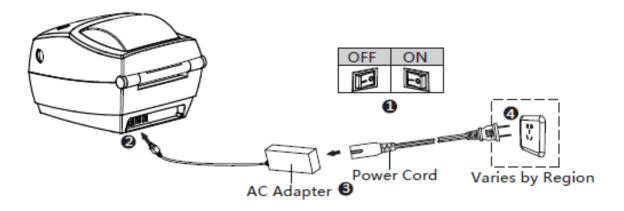


Note: the paper roll holder can be fixed on the clamping pin on both sides.



3.2 Power Connection

- 1. Make sure the printer's power switch is in the off position.
- 2. Connect the AC adapter to printer.
- 3. Connect the power cord to AC adapter.
- 4. Connect the other end of power cord to the outlet.





• Use the original power adapter only, in case that the damage caused by charging improperly.

• Please unplug the printer power cord if it is not in use for a long time.

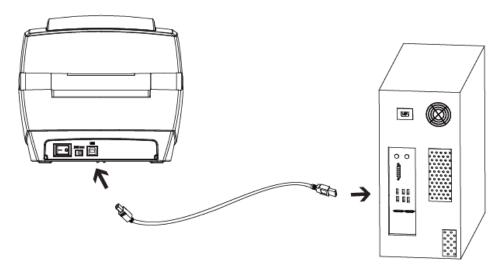


3.3 Peripherals Connection

3.3.1 Interface Cable Connection

The standard for the printer's interface cable shows in the following.

-- USB B-Type Cable



- 1) Turn off the power switch.
- 2) Connect the communication cable to the printer communication port to be used.
 - -- Connect USB B-Type cable to the USB port.



3.4 Operation Panel

3.4.1 Button Operation

Power On

When power off, turn on the power switch at the back of printer, then the indicator will light on.

Power Off

When power on, turn off the power switch at the back of printer, then the indicator will light off.

FEED button

Press the FEED button, and printer will feed paper to the specified position according to the paper type. Just long-press the FEED button once that will feed the fixed distance paper when using continuous paper. Long-press FEED button once that will feed a whole label paper when using label printer.

3.4.2. Description of Indicator Status:

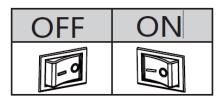
Ве	Ready	St	atus	
Color	Action	Color	Action	Description
Green	Light	х	х	The printer is ready
Green	Flash Slowly	Х	х	Pause
X	х	Red	Light	The position switch not in place
Х	х	Red	Flash Fast	The label learning is abnormal
x	х	Red	Flash Slowly	Label positioning is abnormal
X	Х	Yellow	Flash Slowly	Paper jam, label positioning is abnormal



3.5 Basic Operation

3.5.1 Power on/Power off

Press "O" to power off the printer. Press "I" to power on the printer.



3.5.2 Feed Button

Press the FEED button, and printer will feed paper to the specified position according to the paper type. Just long-press the FEED button once that will feed the fixed distance paper when using continuous paper. Long-press FEED button once that will feed a whole label paper when using label printer.

3.5.3 Quick Calibration

Note: users must carry out the calibration under the conditions below:

- > The first time to use the printer after installation;
- The first time to use the printer since sensor cleaning;
- Reuse the printer when it has not been used for a long time;
- Change a new type of media;
- Printer cannot recognize the mark;
- Huge change of the operating environment;

Calibration method:

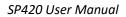
1.Carry out the calibration manually.

When the printer is ready, press the FEED button until the status indicator (green) flashes twice. Then release the button, and printer will start to do the calibration. Loosen the FEED button of printer until the status indicator (Green) flash twice, then it starts to the black label mode learning. When printer start the calibration under the continuous media mode, the calibration is invalid.

2.Carry out the calibration by printer utility tool.

Please refer to detailed information in "Chapter 6 Label Printer Utility Instructions".

Note: after the calibration, users could open the printer cover to pull back the learned paper in avoid of paper wasting.





3.5.4 Printing Self-test Page

The self-test checks the printer's current settings, status and whether the printer has any problems or not.

1.Printing Manually

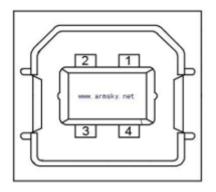
- 1) Make sure the roll is loaded properly.
- 2) Make sure the top cover and mechanism of the printer are closed properly. Then turn on the printer.
- 3) When the printer is ready, press the feed button continuously. As soon as the indicator flashes (blue) once, loosen the button. Then the printer starts to print the self-test page.

2. Printing by Windows Driver Program

- 1) Install the Windows Driver program.
- 2) Please set the "Interface" as the type you use.
- 3) Use the Windows Driver Program to print out the "Self-test page".
- 4) Please refer to "Chapter 7 Windows Driver Instructions" for more detailed information.



Chapter 4 USB Interface



PIN	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND



Chapter 5 Maintenance & Adjustment

Adhesives and coatings of the media can transfer to the printer parts over time along the media path including the thermal print head and media sensor. This build-up can accumulate dust and debris. Failure to clean the print head, media path, and media sensor could result in inadvertent loss of labels, label jams and possible damage to the printer.



- Make sure to turn off the printer prior to cleaning.
- As the print head gets hot during printing, if intending to clean the print head, turn the printer off and wait approximately 2~3 minute before commencement.
- When cleaning the print head, take care not to touch the heated portion of the print head.
 Print Head is susceptible to damage from static electricity, etc. It is strongly recommended to wear hand gloves during cleaning progress.
- Take care not to allow the print head become scratched and/or damaged in any way.

5.1 Cleaning Media Sensor

Debris or dirt on the paper sensor can cause a miss-read or unstable detection of the label gap. Clean with a cotton bud dampened with alcohol.

5.2 Cleaning Thermal Print Head

Thermal Paper stock on the print head, which degrades print quality. Clean the print head with methanol or isopropyl alcohol and a cotton bud. Do not touch the heating elements with your fingers.

1) Open the Printer Cover and then use the cleaning pen to clean the head in the direction from the center of the head to two sides.

2) After cleaning the head, do not use the printer until the alcohol used for cleaning evaporates completely (1~2 min) and the printer has completely dried.

3) Perform the cleaning process each time the paper roll is replaced to prevent print quality deterioration.



5.3 Cleaning Roller and/or Paper Path

1) Open the printer cover and then remove the paper.

2) Remove any dust or foreign substance using dry cloth or cotton swab.

3) Soak the cloth or cotton swab in alcohol for medical use and use it to remove adhesive foreign substances or other pollution materials.

4) After cleaning the parts, do not use the printer until the alcohol evaporates completely (1~2 min) and the printer has completely dried

Note: Clean the parts when print's quality or label detection degrades.



Chapter 6 Label Printer Utility Instructions

6.1 Installation Preparation

Download IDPRTUtilityForLabel application program. e.g.: IDPRT Print Utility For Label V2.0.0.0.

6.2 Usage

Note: The screen may vary slightly by different operating systems and models. Following takes SP420 (Windows 7) for example.

(1). Open the "IDPRTUtilityLabel".

iDPRT Label Printer Utility V1.0.0.1		
Printer List:		
SP420 USB USB	Add Printer	
	Modify Printer	
	Delete Printer	
	Connect Test	
Function		
Printer Information	Print Test Text	
Print Self Information	Label Auto Learn	
Parameter Setting	Restore Factory Settings	
Firmware Update	Quit	



(2). Add/Modify/Delete Printer, Connect Test.

Printer List:	
SP420 USB USB	Add Printer
	Modify Printer
	Delete Printer
	Connect Test
Function	
Printer Information	Print Test Text
Print Self Information	Label Auto Learn
Parameter Setting	Restore Factory Settings
Firmware Update	Quit

•Click "Add Printer" to choose the printer and port (take USB for example), click "OK" and add successful.

🌼 Printer Manage		
Printer Model: SP420)	-
Port infomation		
Port Type:	USB	•
Automatic identif	ication port.	
Connect Test	ОК	Close



SP420	USB	USB		
SP410	USB	USB		Add Printer
				Modify Printer
Warn			x	Delete Printer
				Connect Test
Funct		to delete the p		t Test Text
	0	<	Cancel	
_	rint Self Informatio	n	Label	Auto Learn
	Parameter Setting		Restore	Factory Settings

•Click "Delete Printer", click "OK" to delete the printer.



•Choose the printer currently use, connect it to computer. Click "Connect Test" to test whether the connection is ok or not.

If connection is OK, the icon below will come out.



If connection fails, normally shows following icon.

Error	×
8	Open port failed!:-372
	ОК

Note: Please connect your printer to power firstly, choose one port (depend on the printer you bought) to connect to the PC. Connecting method refer to the Power Connection. When connection fails, please check the connection or whether the port matches. (When USB port is used, it is better to make sure only one printer is connected)



(3).Function.

Function	
Printer Information	Print Test Text
Print Self Information	Label Auto Learn
Parameter Setting	Restore Factory Settings

•Click "Printer Information" to check the printer information. (Depend on your printer)

Printer Information	
Manufacture Date:	7/23/2018
Printed Length:	397.29 (m)
Firmware Version:	V 1.0.10
CIG	ose

•Click "Print Test Text", input the text you need to print. Set up the printing range (printable width & height). Click "Print" and the printer starts to print the text.

Print Test Text				
Please enter the text	Please enter the text you need to print:(Length<5000)			
Printable Width:	30	(10-108)mm	nt Close	
Printable Heigh:	30	(10-210)mm		



•Click "Print Self Information", then printer starts to print self-test page.

Print Self Information

•Click "Label Auto Learn", then printer will carry out the calibration.



•Click "Parameter Setting".

Parameter setting	the second se	×
Print density(0:Washiest)	Other	
Print density: 8	Judge paper mode:	Label 🔻
	Heat Adjust:	0 🗸
Label paper automatic position when power on	Print Speed:	4 🗸
Disable Disable	Anti-adhesive paper time:	0 (0-255) mins
Reprint when error	Language	
O Disable	International character: U.S.A.	_
Dicplay "Deprint" when reprint	Codepage: Default	•
Display "Reprint" when reprint O Disable O Disable		
	Set	Close

1) Print density (choose range:0~15):

Parameter setting	×
Print density(0:Washiest)	Other
Print density: 8	Judge paper mode:
8	Heat Adjust: 0
Label paper automatic ⁹ ₁₀ power on	Print Speed:
Disable 11 12	Anti-adhesive paper time: 0 (0-255) mins
13 E Reprint when error 14	Language
O Disable	International character: U.S.A.
	Codepage: Default -
Display "Reprint" when reprint	
🔿 Disable 💿 Enable	Set Close



2) Judge Paper Mode (Label, Receipt, Blackmark):

Parameter setting	×
Print density(0:Washiest) Print density: 8 -	Other Judge paper mode:
Label paper automatic position when power on Disable Disable Disable	Heat Adjust: Print Speed: Anti-adhesive paper time: 0 (0-255) mins
Reprint when error O Enable	Language International character: U.S.A.
Display "Reprint" when reprint O Disable I the second se	Codepage: Default

3) Heat Adjust (Range: -50~50):

Parameter setting	
Print density(0:Washiest)	Other
Print density: 8	Judge paper mode: Label 🔻
	Heat Adjust: 0
Label paper automatic position when power on	Print Speed:
Oisable	Anti-adhesive paper time: -30
	-20 = 15
Reprint when error	Language -10
Oisable	International character: U.S.A5
	Codepage: Default •
Display "Reprint" when reprint	
Disable Isable	Set Close

4) Print Speed (Range: 2,3,4):

Parameter setting	×
Print density(0:Washiest)	Other
Print density: 8	Judge paper mode: Label 🔻
	Heat Adjust: 0 🗸
Label paper automatic position when power on	Print Speed:
Disable Disable	Anti-adhesive paper time:
Reprint when error	Language 4
Oisable	International character: U.S.A.
	Codepage: Default 👻
Display "Reprint" when reprint	
Disable O Enable	Set Close

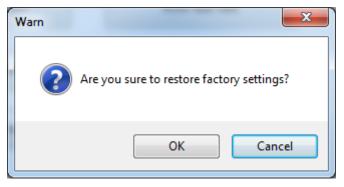


5) Click "Set" save all the above settings, click "ok" back to the main menu.



6) Click "Close" back to the main menu.

•Click "Restore Factory Settings", click "OK" to restore factory settings, click "Cancel" to cancel the restore factory settings.



(4). Click "Quit", finish printer settings.

Quit	
------	--



Chapter 7 Windows Driver Instructions

7.1 Introduction

This chapter provides information on installation according to PC operating system (OS).

This driver support for these following operating systems:

Microsoft Windows 10 (32 bit/64 bit) Microsoft Windows 8 (32 bit/64 bit) Microsoft Windows 7 SP1 (32 bit/64 bit) Microsoft Windows Vista SP2 (32 bit/64 bit) Microsoft Windows XP SP2 Microsoft Windows 2000 Microsoft Windows Server 2012 (64 bit) Microsoft Windows Server 2008 R2 Microsoft Windows Server 2008 SP2 (32 bit/64 bit) Microsoft Windows Server 2003 R2 SP2 (32 bit/64 bit)

7.2 Installation Preparation

Download Windows Driver application program. Latest version please see our website: www.idprt.com.



7.3 Installation

Warning: There are some differences under different operating system. Please operate it according to the tips. Recommend to close security software before installation in case of preventing installation.

- 1.Select one interface to connect your printer to computer.
- 2. Turn on the printer check if it is connected to computer successfully.
- 3. Double click Windows Driver.

Select Se	etup Language
6	Select the language to use during the installation:
	English OK Cancel

4. After agree to the EULA, click "Next".

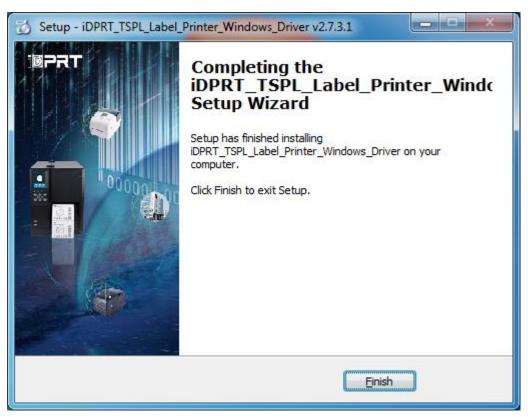
Setup - iDPRT_TSPL_Label_Printer_Windows_Driver v2.7.3.1
License Agreement Please read the following important information before continuing.
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
CAREFULLY READ THE FOLLOWING LEGAL AGREEMENT. THE SOFTWARE PROVIDED WITH THIS AGREEMENT (THE "SOFTWARE") IS LICENSED AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS BELOW. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, PROMPTLY DESTROY THE SOFTWARE AND DOCUMENTATION.
1. LICENSE GRANT
This software is only to be used with the equipment for which it has be made. HPRT grants to you a non-exclusive, non-transferable right to use the SOFTWARE on the computer(s) that will print to the thermal printer(s). This
I accept the agreement
○ I do not accept the agreement
Next > Cancel



5. Select the default installation port name of printer driver, then click "Next".

🔂 Setup - iDPRT_TSPL_Label_Printer_Windows_Driver v2.7.3.1		
Select the port of printer driver Select the default installation port name of printer driver.		
USB001 TPVM: Cloud TCP/IP Port SHRFAX: COM1: COM2:	Printer Model: DPRT SP420 Default Printer Pre-install Driver Name: DPRT SP420	
COM2: COM3: COM4: FILE: LPT1: LPT2: LPT3: XPSPort: nul:	Baud Rate: 9600 Parity: NONE Data Bits: 8 Stop Bits: 1 Flow Control: NONE TONE Add TCP/IP Port TONE TONE	
	< Back Next > Cancel	

6. Click "Finish".





7. After installation, the icon will be found in "Start" \rightarrow "Printers and Faxes".





1.If you already installed the driver (No matter what kind of port), when you connect the printer to computer, it will create a USB port automatically.

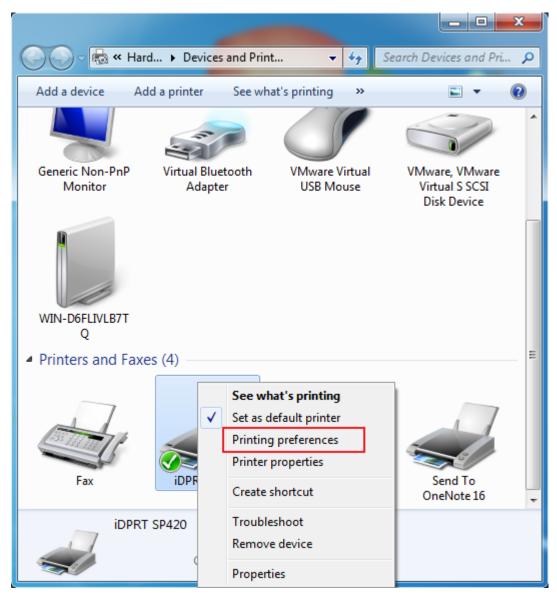
2. Any problems please use our utility in the CD.



7.4 Usage

7.4.1 Printing Preferences

1.Click "Start" \rightarrow "Devices and Printers". Right click the icon and choose "Printing preferences".





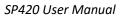
2. According to different needs, set the page.

🚽 iDPRT SP420 Printing Preferences			
Page Watermark Halftone About			
Paper			
Paper Name: Stan	dard(4.00"x6.0	0"(10.16cm x 15.24cm)) 🔻	
Paper Format		Custom	
	-		
inch) cm	mm	
Offset			
Horizontal: 0.00	🚔 mm	Vertical: 0.00 🛉 mm	
Preview	Rotate	Effect	
	© 0°	Mirror	
	© 90°	Inverse	
	180°	Scale: 100 🚔 %	
	© 270°		
Copies			
Copies: 1	·	Advanced	
Reverse Print Ord	der		
	ОК	Cancel Apply	



•Click "Paper Name", then choose the paper type.

🔋 iDPRT SP420 Pri	inting Preferences	X
Page Watermark	K Halftone About	
Paper		
Paper Name:	Standard(4.00"x6.00"(10.16cm x 15.24cm))	-
	Standard(4.00"x6.00"(10.16cm x 15.24cm)) 4.00"x6.00"(10.16cm x 15.24cm)	Â
Paper Format	1.25"x2.25"(3.18cm x 5.71cm) 1.50"x0.50"(3.81cm x 1.27cm)	ΙF
) inch	1.50"x1.00"(3.81cm x 2.54cm) 1.50"x2.00"(3.81cm x 5.08cm) 2.00"x0.50"(5.08cm x 1.27cm)	
Offset	2.00"x1.00"(5.08cm x 2.54cm) 2.00"x1.25"(5.08cm x 3.18cm)	I F
Horizontal: 0.	2.00"x4.00"(5.08cm x 10.16cm) 2.00"x5.50"(5.08cm x 13.97cm)	
Preview	2.25"x0.50"(5.71cm x 1.27cm) 2.25"x1.25"(5.71cm x 3.18cm)	E
PRT	2.25"x4.00"(5.71cm x 10.16cm) 2.25"x5.50"(5.71cm x 13.97cm) 2.38"x5.50"(6.04cm x 13.97cm)	
	2.50"x1.00"(6.35cm x 2.54cm) 2.50"x2.00"(6.35cm x 5.08cm)	
	2.75"x1.25"(6.99cm x 3.18cm) 3.00"x1.00"(7.62cm x 2.54cm)	%
	3.00"x1.25"(7.62cm x 3.18cm) 3.00"x2.00"(7.62cm x 5.08cm)	
Copies	3.00"x3.00"(7.62cm x 7.62cm) 3.00"x5.00"(7.62cm x 12.70cm)	
Copies: 1	3.25"x2.00"(8.26cm x 5.08cm) 3.25"x5.00"(8.26cm x 12.70cm)	
Reverse Pri	3.25"x5.50"(8.26cm x 13.97cm) 3.25"x5.83"(8.26cm x 14.81cm)	Γ
	3.25"x7.38"(8.26cm x 18.75cm) 3.50"x1.00"(8.89cm x 2.54cm)	-
		<u>a</u> ppiý





•Click "Manager" to add a new stock.

Custom Paper Mar	nager 💌
Custom Paper Lis	t
	Delete
Custom Paper Op	otions
Paper Name:	Save
Paper Width:	5.0 5.0 - 180.0 mm]
Paper Length:	5.0 [5.0 - 2300.0 mm]
	OK Cancel

• Choose "Rotate" or "Effect", it will be showed in the "Preview".

iDPRT SP420 Printing Preferences				
Page Watermark Ha	lftone About			
Paper				
Paper Name: Stand	dard(4.00"x6.00"(1	0.16cm x 15.24cm)) 🔻		
Paper Format		Custom		
) inch	🔘 cm	⊚ mm		
Offset				
Horizontal: 0.00	🔶 mm 🛛 Vert	tical: 0.00 imm		
Preview	Rotate	Effect		
TR9 🛧	● 0°	Mirror		
	© 90°	V Inverse		
	180° 270°	Scale: 100 🚔 %		
Copies Copies: 1				
Reverse Print Ord	ler	Advanced		
	ОК	Cancel Apply		



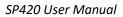
•Click "Advanced" to set "Save Paper", "Density", "Speed", "Test", "Media Handling", "Media Type".

1) Save Paper

Advanced Se	tting	—
Save Paper	Density Speed Test	Media Handling Media Type
	None	Bottom
	🔘 Тор	Top Bottom
		OK Cancel
		Cancer

2) Density

Advanced Setting
Save Paper Density Speed Test Media Handling Media Type
Customize Print Density
Light Dark
OK Cancel





3) Speed

Advanced Setting	*
Save Paper Density Speed	Test Media Handling Media Type
Customize Print Speed	
Slow	Fast
	· · · ·
L	OK Cancel
	Cancel

4) Test

Advanced Setting	—
Save Paper Density Speed Test	Media Handling Media Type
Calibration	Form Feed
Blank Page	Factory Reset
	OK Cancel



5) Media Handling

Advanced Setting	X
Save Paper Density Sp	eed Test Media Handling Media Type
Media Handling	
Post-Print	Tear Off
	Use current printer setting Tear Off
Customize Position	AdjustMent
Vertical Offset:	0.0 mm
	OK Cancel

6) Media type

Advanced Setting	—
Save Paper Density	Speed Test Media Handling Media Type
	Use Current Printer Setting Continuous Labels With Gaps Labels With Marks
	OK Cancel

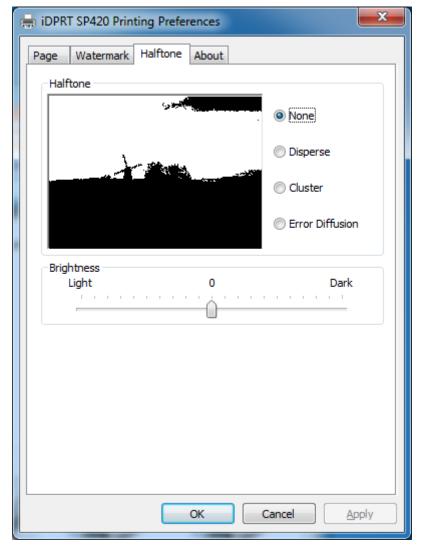


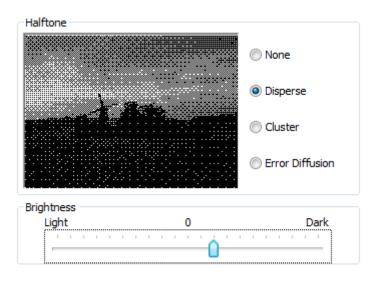
Path:		
Preview	Density	

3.Click "Watermark", it recommends to use BMP format.



4.Click "Halftone".

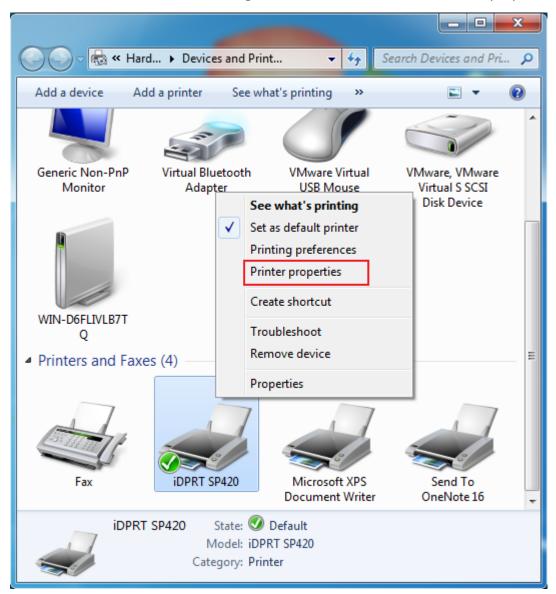


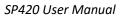




7.4.2 Printer Properties

1.Click "Start" \rightarrow "Devices and Printers". Right click the icon and choose "Printer properties".







2.Click "General" \rightarrow "Print Test Page", and the printer will print the current settings.

iDPRT SP420 Properties
General Sharing Ports Advanced Color Management Security About
iddref space
Location:
<u>C</u> omment:
Model: iDPRT SP420
Color: No Paper available:
Double-sided: No Custom
Staple: No 4.00"x6.00"(10.16cm x 15.24cm)
1.25"x2.25"(3.18cm x 5.71cm) Speed: Unknown 1.50"x0.50"(3.81cm x 1.27cm)
Maximum resolution: 203 dpi 1.50"x1.00"(3.81cm x 2.54cm) -
Pr <u>e</u> ferences Print <u>T</u> est Page
OK Cancel Apply

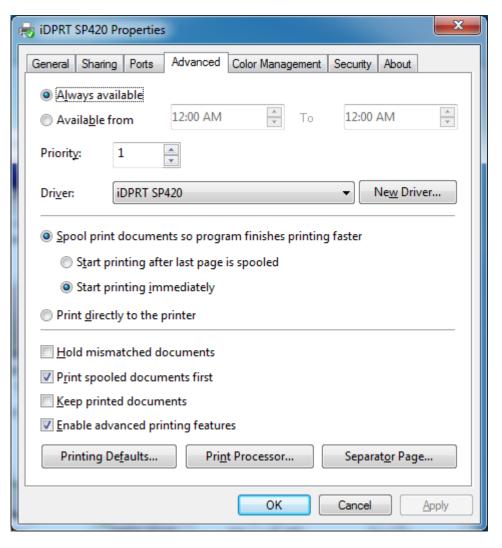


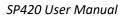
3.Click "Ports", then choose the port needed.

niddraf SP420	Properties				x
General Sharin	ng Ports Ad	dvanced Col	or Management	Security About	
idprt sp420					
<u>P</u> rint to the for checked port		(s). Documen	ts will print to	the first free	
Port	Description		Printer		•
LPT3:	Printer Port				
COM1:	Serial Port				
COM2:	Serial Port				=
COM3:	Serial Port				
COM4:	Serial Port				
FILE:	Print to File				
USB001	USB 虚拟打印	印机端口	iDPRT SP420		Ŧ
Add P	or <u>t</u>	<u>D</u> elete	Port	<u>C</u> onfigure Port.	
Enable bidirectional support					
		por			
E cnable pri	nter pooling				
			ок	Cancel	pply



4. Click "Advanced" to set the available time for the printer.







7.5 Removing

Note: Please turn off the printer or unplug the USB cable before removing the driver.

1. Double click Windows Driver.



2. Choose "Uninstall printer driver", then click "Next".

Setup - iDPRT_TSPL_Label_Printer_Windows_Driver v2.7.3.1
Select operation of install Please select the operation as you need.
 Install printer driver Please connect your printer to the PC and turn it on. Uninstall printer driver Uninstall the printer driver and components which printer selected.
Next > Cancel



3. Choose the printer driver name needed to uninstall, then click "Next".

Uninstall - iDPRT_TSPL_Label_Printer_Windows_Driver v2.7.3.1	
Uninstall printer driver Please select the printer driver name needed to uninstall.	
Delete all printer drivers and its components	
☑ iDPRT SP420	
< <u>B</u> ack Next	t > Cancel

4.Click"Yes".

