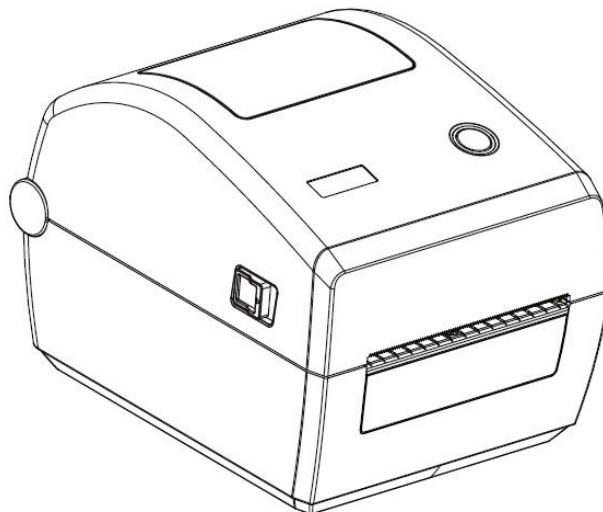




HD200

User Manual



Xiamen Hanin Co.,Ltd.

Address: No.96, Rongyuan Road, Tong'an District, Xiamen, Fujian, China 361100

E-mail: support@hpert.com

Web: www.hpert.com

Rev: 1.0

Change Record

REV	Date	DESCRIPTION
1.0	2024.09.14	

Content

Important Safety Instructions	1
1. Introduction	4
1.1 Packing List	4
1.2 Appearance and Components	5
2. Specifications	6
3. Installation & Usage	8
3.1 Paper Roll Loading	8
3.2 Power Connection	10
3.3 Interface Connection	11
3.3.1 Interface Cable Connection	11
3.3.2 Bluetooth Connection (Optional)	11
3.4 Detection	12
3.4.1 Continuous Paper	12
3.4.2 Labels	14
3.4.3 Blackmark Paper	16
3.5 Indicator Instructions	17
3.6 Basic Operation	18
3.6.1 Power on/Power off	18
3.6.2 Feed	18
3.6.3 Label Learning	18
3.6.4 Printer test	19
4. Interface	20
4.1 USB Interface	20
4.2 Ethernet Port	20
5. Printer Cleaning	21
5.1 Cleaning Thermal Print Head	21
5.2 Cleaning Sensor, Platen and Paper Path	21
6. Printer Utility Tool Instructions	22
6.1 Installation Preparation	22
6.2 Usage	22
7. Seagull Windows Driver Instructions	33
7.1 Introduction	33
7.2 Windows Driver Preparation	33
7.3 Driver Installation	34
7.4 Usage	39
7.4.1 Printing Preferences	39
7.4.2 Printer Properties	46
8. Windows Driver Instructions	48
8.1 Introduction	48
8.2 Installation Preparation	48
8.3 Installation	48
8.4 Usage	51
8.4.1 Printing Preferences	51
8.4.2 Printer Properties	60
8.5 Removing	63
9. BarTender Ultralite Instructions	65
9.1 Introduction	65
9.2 Installation Preparation	65
9.3 Installation	66

9.4 Usage 70

 9.4.1 Page Settings 70

 9.4.2 Label Edit 75

■ Statement

This manual content may be altered without permission, and we reserves the rights to make changes without notice in technology, spare parts, hardware and software of the products. If more information is needed about the products, please contact us. Without any written permission from the company, any section of this manual is prohibited to be copied or transferred in any form.

■ Copyright

This manual is printed in 2024, the copyright belongs to Xiamen Hanin Co.,Ltd.

Printed in China

1.0 Version

■ Warnings



Warning: The print head is a heating part. Do not touch the print head and surrounding parts during and just after printing.



Warning: Do not touch the print head and connection plug-in to avoid damage to the print head due to static electricity.

■ Special Reminder

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



Warning—It must be observed to avoid injury to human body and damage to equipment.



Note—It gives important information and tips for printer operation.

2.Instructions



Warning: Violation of the following items may result in serious casualties.

- 1) Do not insert several plugs into a multi hole power outlet at the same time.
 - This can cause overheating and fire.
 - If the plug is wet or dirty, please dry or wipe it before use.
 - If the plug does not match the power outlet, do not plug it in.
 - Only standardized multi hole power sockets can be used.
- 2) You can only use the adapters supplied in this package.
 - Using other adapters is dangerous.
- 3) Do not pull the plug by pulling on the connecting wire.
 - This can damage the connecting wires, causing a fire or machine malfunction.
- 4) Do not plug or unplug the power plug when your hands are wet.
 - This can cause an electric shock.
- 5) Do not bend the connecting wire forcefully or place it under a heavy object.
 - Damage to the connecting line may cause a fire.



Note: Violation of the following items may cause minor injury or damage to the equipment.

- 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 smoke disappears, call the dealer for repairs.
- 2) Install the printer on the stable surface.
 - If the printer falls down, it may be broken and you may hurt yourself.
- 3) Use only approved accessories and do not attempt to disassemble, repair, or modify yourself.
 - If you need these services, please contact your dealer by phone.
- 4) Do not let water or other foreign objects drop into the printer.
 - If such an event occurs, please shut down and unplug Printer. Then contact the 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:
 - • Leave enough space around printer for operation and maintenance.
 - • Do not expose the printer to high temperatures, direct sunlight or dust.
 - • Do not use and store this product in places with high temperatures, high humidity, and severe pollution.
 - • Avoid placing this product in a place with vibration and shock.
 - • Connect the power adapter of this product to a suitable grounded socket to avoid using the same socket as large motors or devices that can cause fluctuations in power supply voltage.
 - • Switch off the printer POWER supply when it's not in use for a long time.
 - • To ensure print quality and product life, it is recommended to use recommended or equivalent quality paper.
 - • Please switch off the POWER supply when connect/disconnect all the ports or it will cause damage to the printer control circuit.
 - • Keep this User Manual in a place which is easily accessible at all times.

3. Other precautions

Although we have been very careful in the preparation of this manual, some errors or omissions are inevitable. Our company is not responsible for any losses caused by anyone using the information in this manual. Our company and its subsidiaries shall not be legally liable for any damage, loss, expense, or expense caused by user or third party's failure to follow or ignore the operation and maintenance information and instructions provided by our company, resulting in product damage, malfunction, or misuse, as well as unauthorized modification, repair, or modification of the product. We do not assume any legal liability for damage or problems caused by the use of counterfeit our options, components, or unauthorized products.

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.

1. Introduction

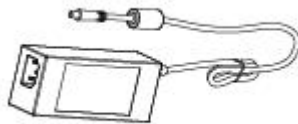
1.1 Packing List

**Note:**

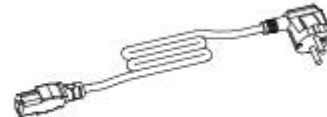
1. Unpack the printer and keep the packing materials in case you need to ship the printer in the future.
2. Any damages exist, please contact the local dealer.



Printer



Power Adapter



Power Cord



USB Cable



Label Roll

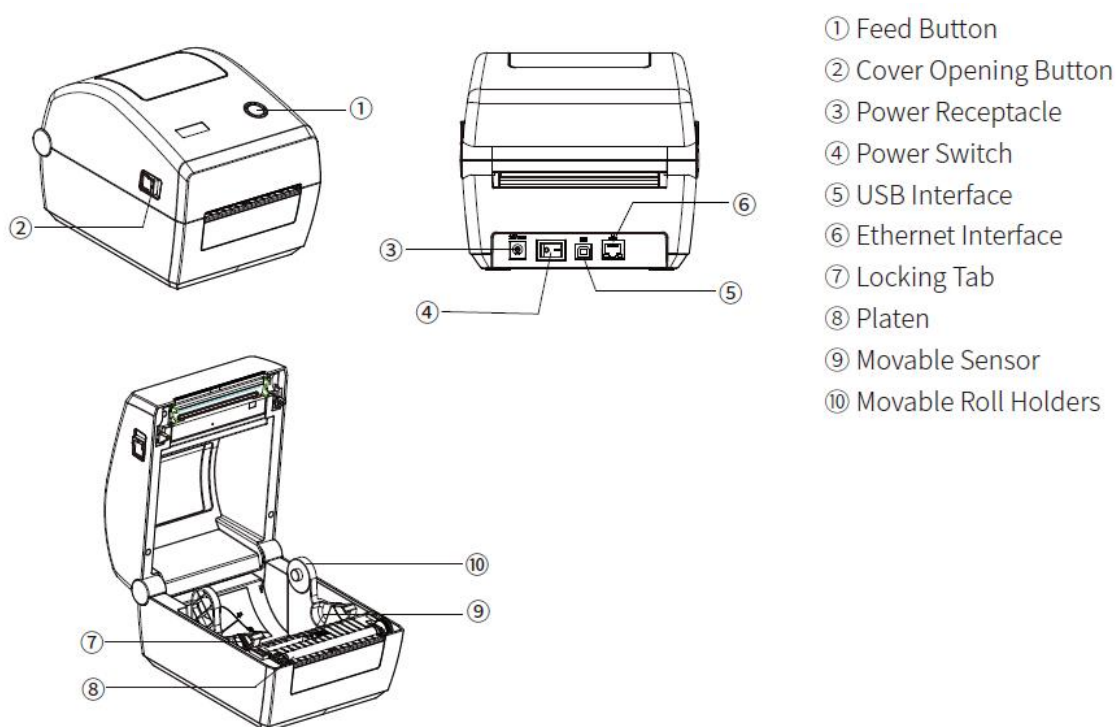


Quick Start Guide



Note: The packing items are based on the order.

1.2 Appearance and Components



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

2. Specifications

(3/1)

Item		Parameter
Print	Print Mode	Direct Thermal
	Resolution	203dpi
	Max. Print Speed	200mm/s
	Max. Print Width	4.25"(108mm)
	Max. Print Length	51"(1296mm)
Storage	RAM	32MB
	Flash	128MB
Command Set		ZPL-II, EPL, TSPL, DPL
Detection	Sensors	Out-of-paper Sensor, Gap Sensor, Black Mark Sensor, Cover Opening Sensor
Print Media	Media Type	Continuous Paper, Gap, Black Mark, Fan-fold, Punched Hole Label
	Media Width	25.4 mm~118 mm
	Media Thickness	0.06 mm~ 0.25 mm
	Label Roll Diameter	127mm
	Core Diameter	12.7 mm/25.4 mm
	Media Length	Minimum: 10mm Maximum: 1296mm
Software	Label Design Software	hp rt Bartender Ultralite
	Driver	Seagull Windows Driver

(3/2)

Item		Parameter	
Resident Fonts	Bitmap Fonts	6, 8, 12, 16, 32, OCR A & B. 90°, 180°, 270° rotatable and 10 times expandable in horizontal and vertical directions	
	TTF Fonts	Monotype CG Triumvirate™, Simplified Chinese, Traditional Chinese	
Barcodes	1D	Code 39, Code 93, Code 128UCC, Code 128 subset A, B, C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2 (5) digits add-on, MSI, GS1 DataBar	
	2D	PDF417, Maxicode, DataMatrix, QR Code, Aztec	
RTC Function		Support	/
Graphic Formats		PCX, BMP	
Font and Barcode Rotation		0, 90, 180, 270 degree	
Interfaces		Standard: USB-B, Ethernet Optional: Bluetooth 5.2	
Power Adapter		Input: AC 100~240V, 50~60 Hz Output: DC 24V 2A, 48W	
Environment	Operating Temperature:	41° to 104°F (5° to 40°C), 25%-85%(non-condensing)	
	Storage Temperature:	-20° to 122° F (-20° to 50° C), 10%-90%(non-condensing)	
Approvals/Certification		CCC, FCC, CE, CB, Energy Star	
Optional		Bluetooth 5.2/LE(Factory option)	

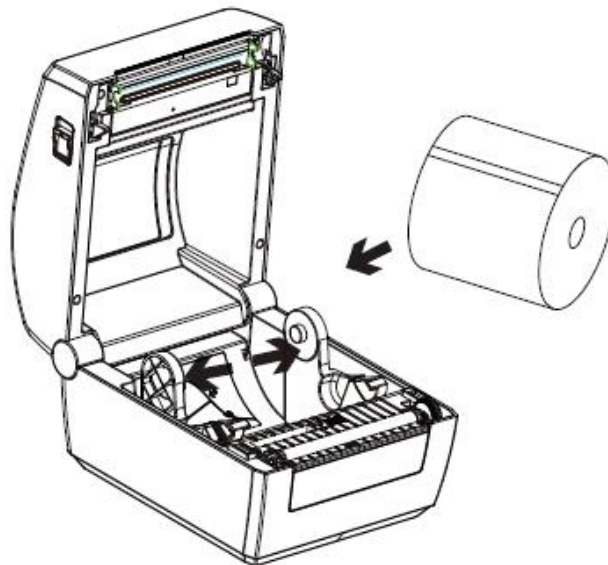
3. Installation & Usage

3.1 Paper Roll Loading

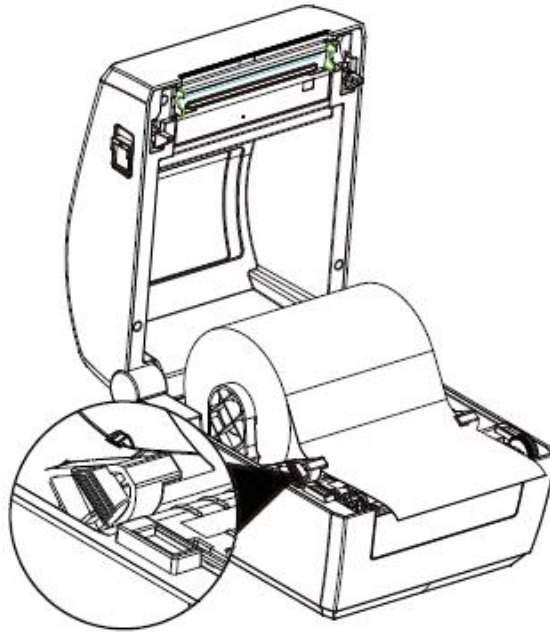
1. Press the cover opening button and lift the cover.



2. Pull the roll holders open and place the roll between them.



3. Confirm that the paper roll is tightly attached to the roll holders, and press down the locking tab.

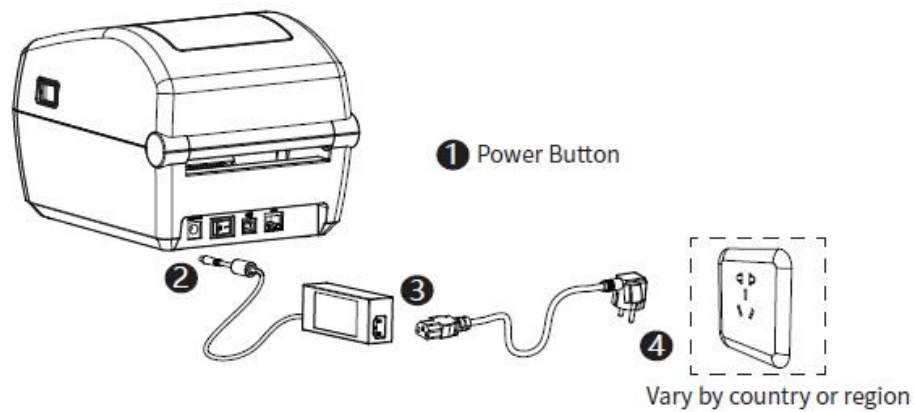


4. Close the top cover until it clicks into place, and confirm that it is locked.



3.2 Power Connection

1. Connect the power adapter to the printer.
2. Connect the power adapter to the power cord.
3. Plug the other side of the power cord into the socket outlet.



Note:

- Use the original power adapter only. Avoid the damage caused by charging improperly.
- Please unplug the printer power cord if it is not in use for a long time.

3.3 Interface Connection

3.3.1 Interface Cable Connection

1.The printer supports the following communication interface standards:

- USB B-Type Cable
- RJ45 cable

2.Installation steps:

1. Make sure the printer is turned off(O).
2. Please plug in the cables.
 - Insert the USB B-Type cable into the USB (type B) interface.
 - Insert the RJ45 cable into the Ethernet interface.

3.3.2 Bluetooth Connection (Optional)

PDA with Bluetooth interface, laptop and other information terminals can drive the printer.

1. Instructions show as follows:

- 1) Power on the printer.
- 2) Primary device searches for outer Bluetooth devices.
- 3) If there are other Bluetooth devices, select printer's name and finish pairing.
- 4) If you need more detailed information of pairing methods, please refer to the instructions of Bluetooth device.

2. Note:

When pairing, the printer must be turned on. The printer is paired one-to-one with the primary device. The original Bluetooth password is 0000.

3. Print using Bluetooth interface:

After pairing, primary devices with virtual Bluetooth interface (smart phone, tablet, pocket PC, palm, notebook) can drive the printer to print labels through virtual Bluetooth interface.

3.4 Detection

When printing paper, the moveable label sensor is used to detect paper. The label sensor moves differently when using various kinds of paper. If user moves the sensor improperly, paper may not be detected, therefore the printer could not print paper. The following instructions tell users how to use label sensor correctly. Please read it carefully.

3.4.1 Continuous Paper

When printing continuous paper (Figure 1), the sensor shall be aimed at the left triangle below (Figure 2), which is the original position. When the printer is out of paper, it will issue a warning.

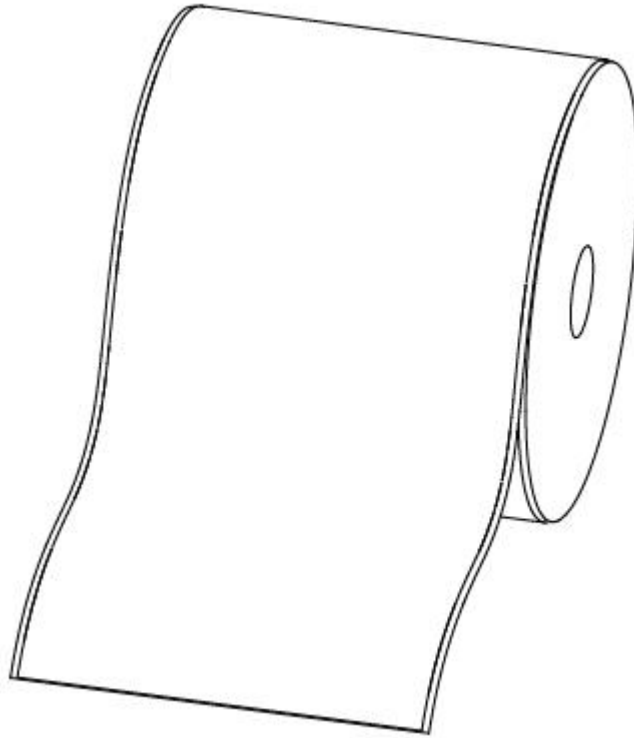


Figure 1 (Continuous Paper)

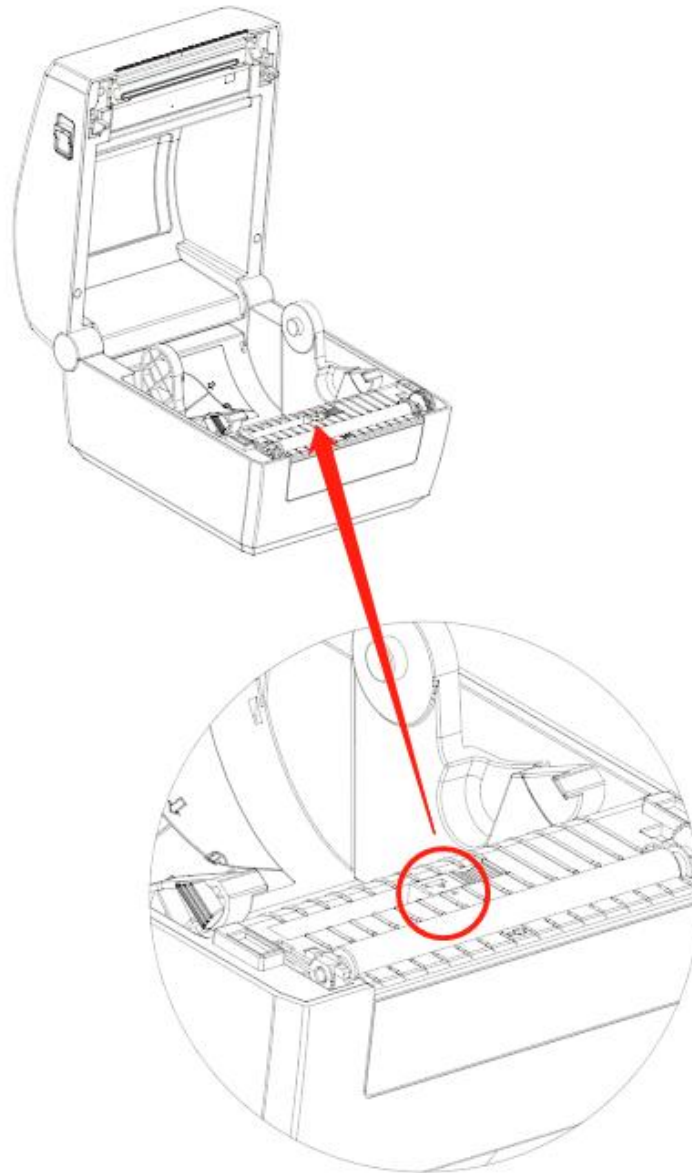


Figure 2 (Left)

3.4.2 Labels

When printing labels (Figure 3) or double-row labels (Figure 4), the sensor shall be aimed at the left triangle below (Figure 5), which is the original position.

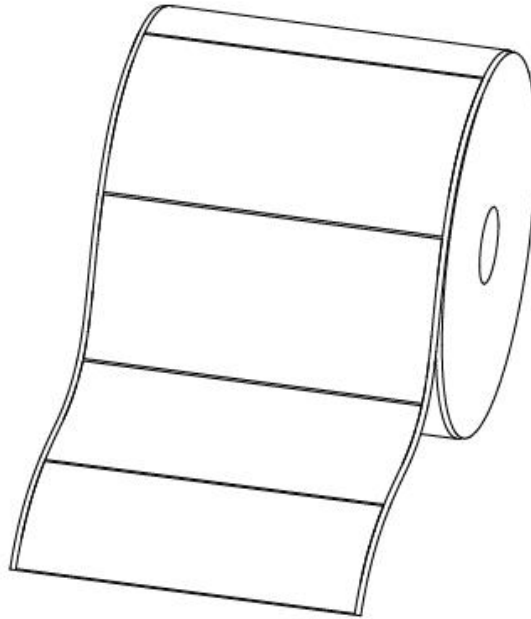


Figure 3 (Labels)

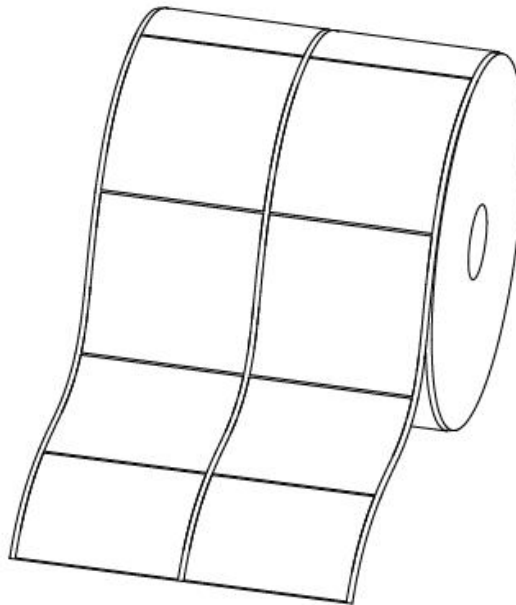


Figure 4 (Double-row Labels)

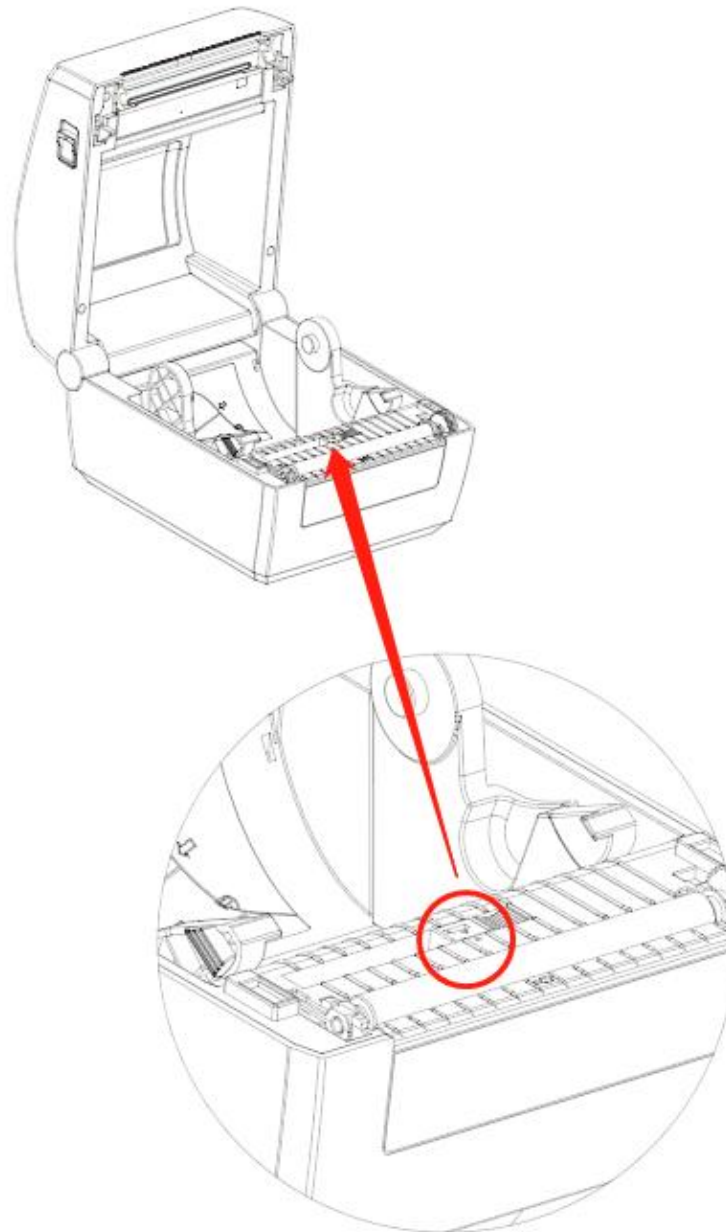


Figure 5 (Left)

3.4.3 Blackmark Paper

When printing blackmark paper (Figure 7), the sensor shall be aimed at the position of black mark (Figure 8).

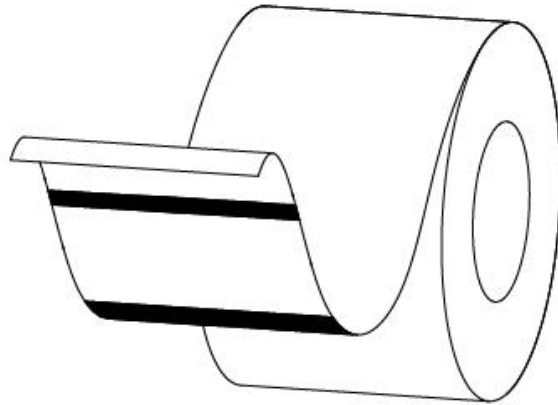


Figure 7 (Blackmark Paper)

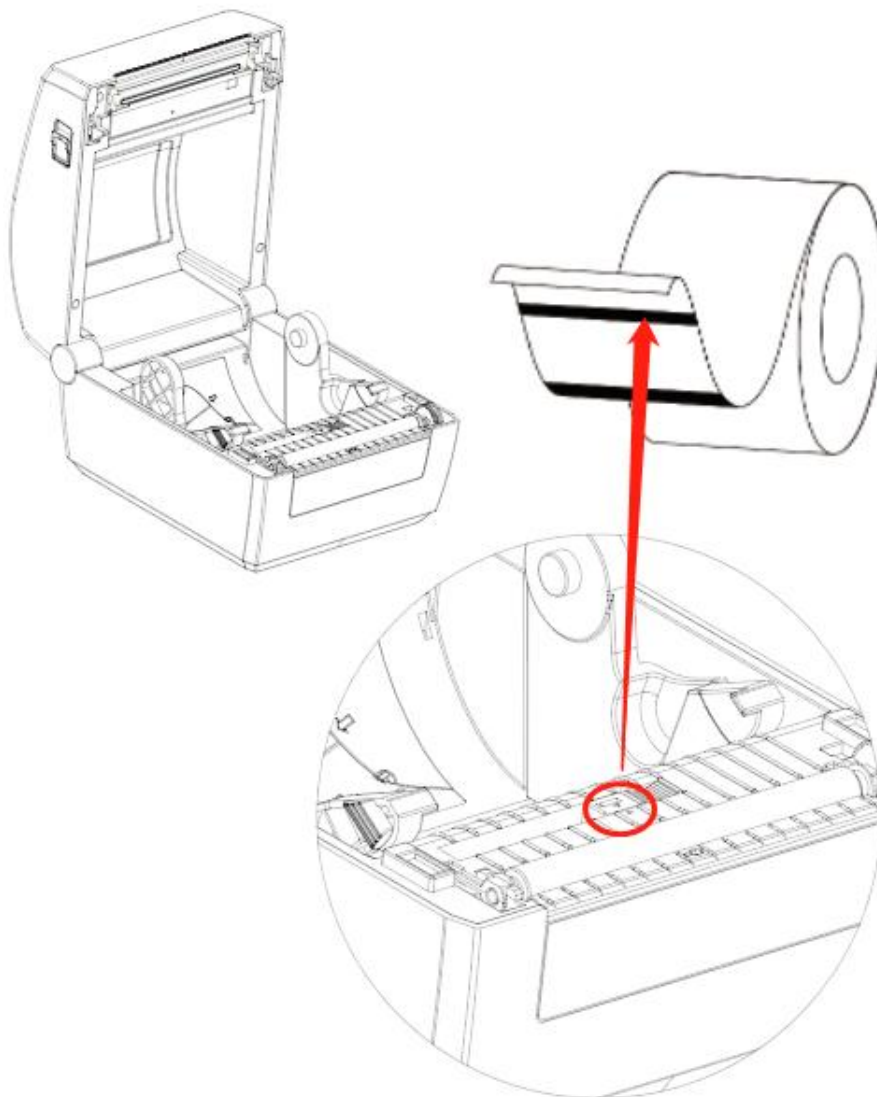


Figure 8 (aimed at blackmark's position)

3.5 Indicator Instructions

Color	Action	Indicating Status
Blue	On	Printer ready
Blue	Slowly flash	Dump mode
Purple	On	Overheat of printhead
Purple	Slowly flash	Ribbon out
Red	On	Head up
Red	Slowly flash	Paper out
Red	Fast flash	Abnormal label learning
Orange yellow	On	The printer is not ready yet
Orange yellow	Slowly flash	Paper jam/label's separation/abnormal label positioning
Orange yellow	Fast flash	Write data to flash memory
Green	On	Printing
Green	Slowly flash	Printing pause
Green	Fast flash	Receiving data



Fast flash → 0.1 second / every cycle

Slowly flash → 0.5 second / every cycle

3.6 Basic Operation

The following describes the basic functions of the printer, including power on, power off, label learning, and printing test pages.

3.6.1 Power on/Power off

Make sure the printer is connected to the power supply.

- Power on: Turn on the power switch.
- Power off: Turn off the power switch.

3.6.2 Feed

When the printer is ready, press the Feed button (about 0.5 seconds), and release the Feed button before the indicator (blue light) is off. The printer will feed the fixed distance (30mm) under “Continuous Mode”, and feed a blank label under other modes.

3.6.3 Label Learning

In the following cases, users can learn label location so that printers can better locate labels:

- The printer is installed and used for the first time;
- The printer is used for the first time after the sensor is cleaned;
- Re-use the printer after it has not been in use for a long time;
- Replacement of new types of roll paper;
- In the process of printing, the printer can not effectively identify the mark;
- The use environment of printer has changed greatly.

Label location learning method:

1. Manual label location learning:

- Make sure the printer is connected to the power supply, and the roll is loaded properly.
- Make sure the top cover of the printer is closed properly. Then turn on the printer.
- When printing is ready or paused, long press the Feed button until the indicator (blue light) flashes twice.

Then release the button, and printer will start to do the calibration according to the sequence of gap label and black mark. At the same time, the printer automatically defaults to the thermal or thermal transfer printing mode based on the actual ribbon detection results. Once the gap label learning is successful, the printer will automatically default to the gap label, otherwise it will automatically change to black mark learning. Once the black mark learning is successful, the printer will automatically default to the black mark label. If neither learning succeeds, it automatically defaults to continuous paper.

2. Complete the learning through the printer Utility tool software:

Users can also complete the learning through the printer utility tool. Please refer to detailed information in “Chapter 6 Printer Utility Tool Instructions”.



Note:

After the learning is completed, you can reopen the printer cover and re-place the blank label paper that you have just learned in case of the cost of paper.

3.6.4 Printer test

When you initially install the printer or have any problems with the printer, you can execute the self-test program and confirm the following status. Firmware version, printer parameter setting status, print quality and external equipment related setting information, after self-check to confirm that there is no problem with the printer, please check other devices or software. This function runs independently from other devices or software.

1.Printing Manually

- 1) Make sure the printer is connected to the power supply, and the roll is loaded properly.
- 2) Make sure the top cover of the printer is closed properly. Then turn on the printer.
- 3) When the printer is ready, long press the feed button. 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".
Please refer to "Chapter 7 Seagull Windows Driver Instructions" for more detailed information.

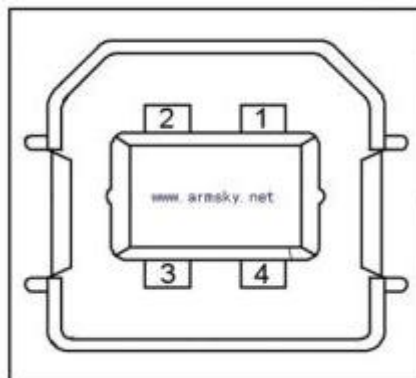
3.Printing by BarTender Ultralite Program

- 1) Install the BarTender Ultralite program.
- 2) Edit a new label and print it.
Please refer to "Chapter 9 BarTender Ultralite Instructions" for more detailed information.

4. Interface

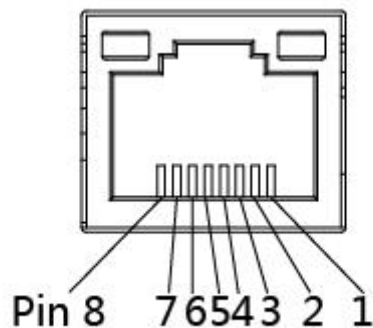
4.1 USB Interface

USB (Type B)



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

4.2 Ethernet Port



PIN	SIGNAL NAME
1	TX+
2	TX-
3	RX+
4	-
5	-
6	RX-
7	-
8	-

5. Printer Cleaning

Dust, foreign matter, viscous substances, or other contaminants adhering to the print head or printer may reduce print quality. When dirty, clean the print head as follows.



Caution:

- 1) Make sure to turn off the printer prior to cleaning.
- 2) 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.
- 3) When cleaning the print head, take care not to touch the heated portion of the print head in case that print head is susceptible to damage from static electricity, etc.
- 4) Take care not to allow the print head become scratched and/or damaged in any way.

5.1 Cleaning Thermal Print Head

- 1) Open the Printer Cover and then use the cleaning pen(or cotton swab with diluted alcohol or isopropanol) to clean the head in the direction from the center of the head to two sides.
- 2) After cleaning the print head, do not use the printer until the alcohol used for cleaning evaporates completely (1~2 min) and the printer has completely dried.

5.2 Cleaning Sensor, Platen and Paper Path

- 1) 1) Open the printer cover and then remove the paper.
- 2) 2) Remove any dust or foreign substance using dry cloth or cotton swab.
- 3) 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) 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 whenever print quality or paper detection degraded.

6. Printer Utility Tool Instructions

6.1 Installation Preparation

Download the printer utility tool. For example: HPRTPrinterUtility.exe.

6.2 Usage



Note:

- Under different operating system, the screen has slight difference. The following example is based on the Windows 10 operating system.
- It is recommended to close the relevant security protection software before installation to avoid affecting the installation of the tool.

1. Open the printer utility tool.

Printer Utility V1.0.0.20

Settings Fonts Storage Function Test Command Test Firmware System

Interface
Printer: HD200
USB

Printer Information
Version: V1.02.01
Serial Number: XXXXXXXX
Cutting Counter: 0
Mileage: 1530.05 m
Get Printer Information

Printer Status
Normal
Get Status

Common 1/2 Common 2/2 ZPL Bluetooth Ethernet Other settings

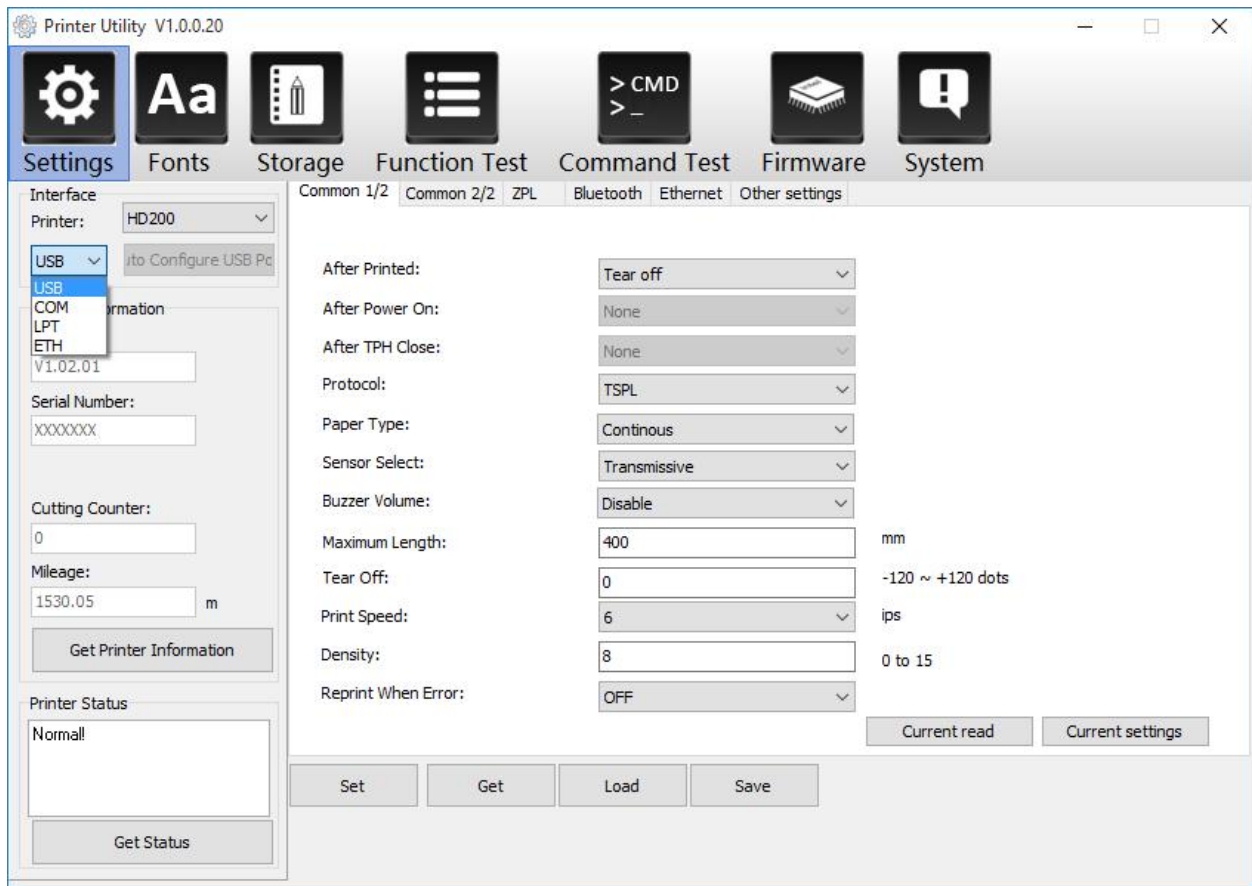
After Printed: Tear off
After Power On: None
After TPH Close: None
Protocol: TSPL
Paper Type: Continuous
Sensor Select: Transmissive
Buzzer Volume: Disable
Maximum Length: 400 mm
Tear Off: 0 -120 ~ +120 dots
Print Speed: 6 ips
Density: 8 0 to 15
Reprint When Error: OFF

Current read Current settings

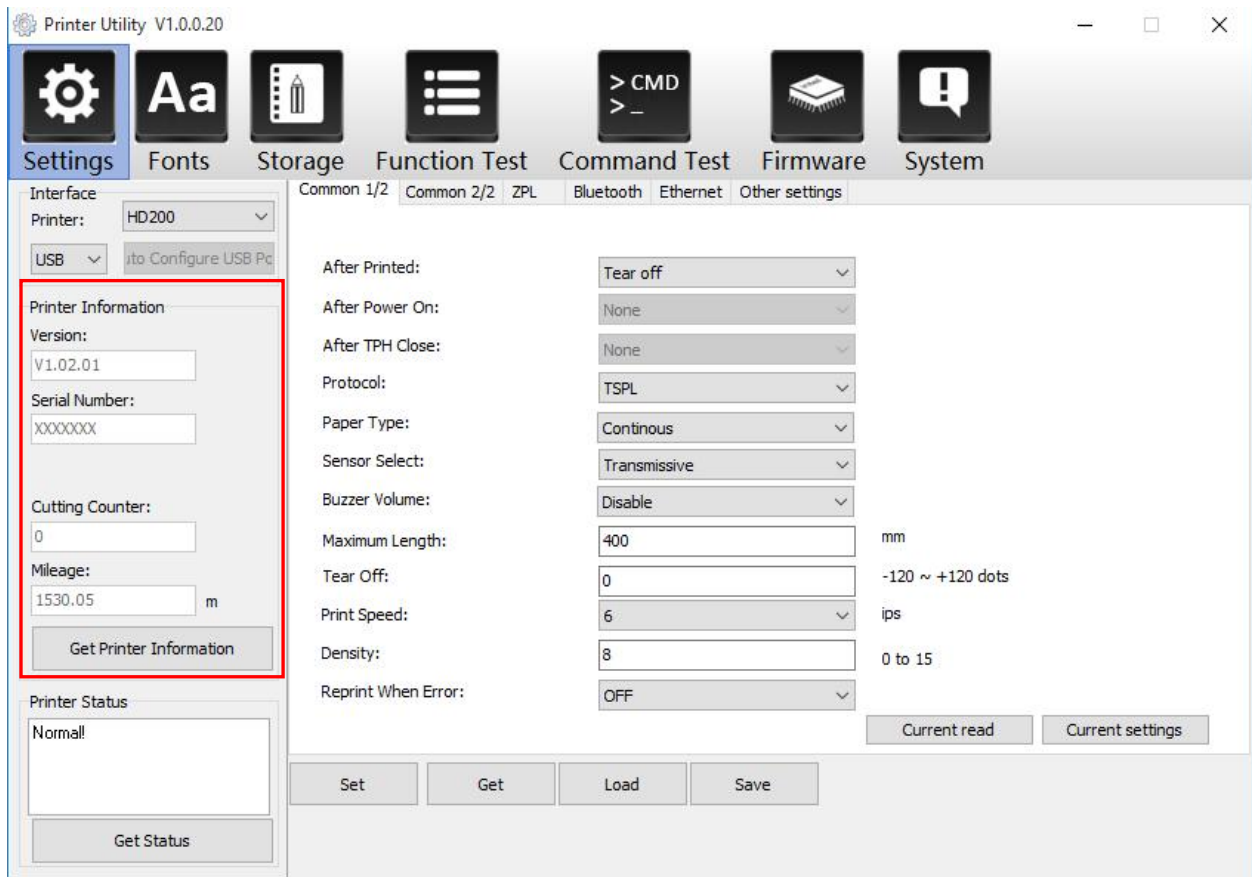
Set Get Load Save

2. Click "Settings", choose the printer model.

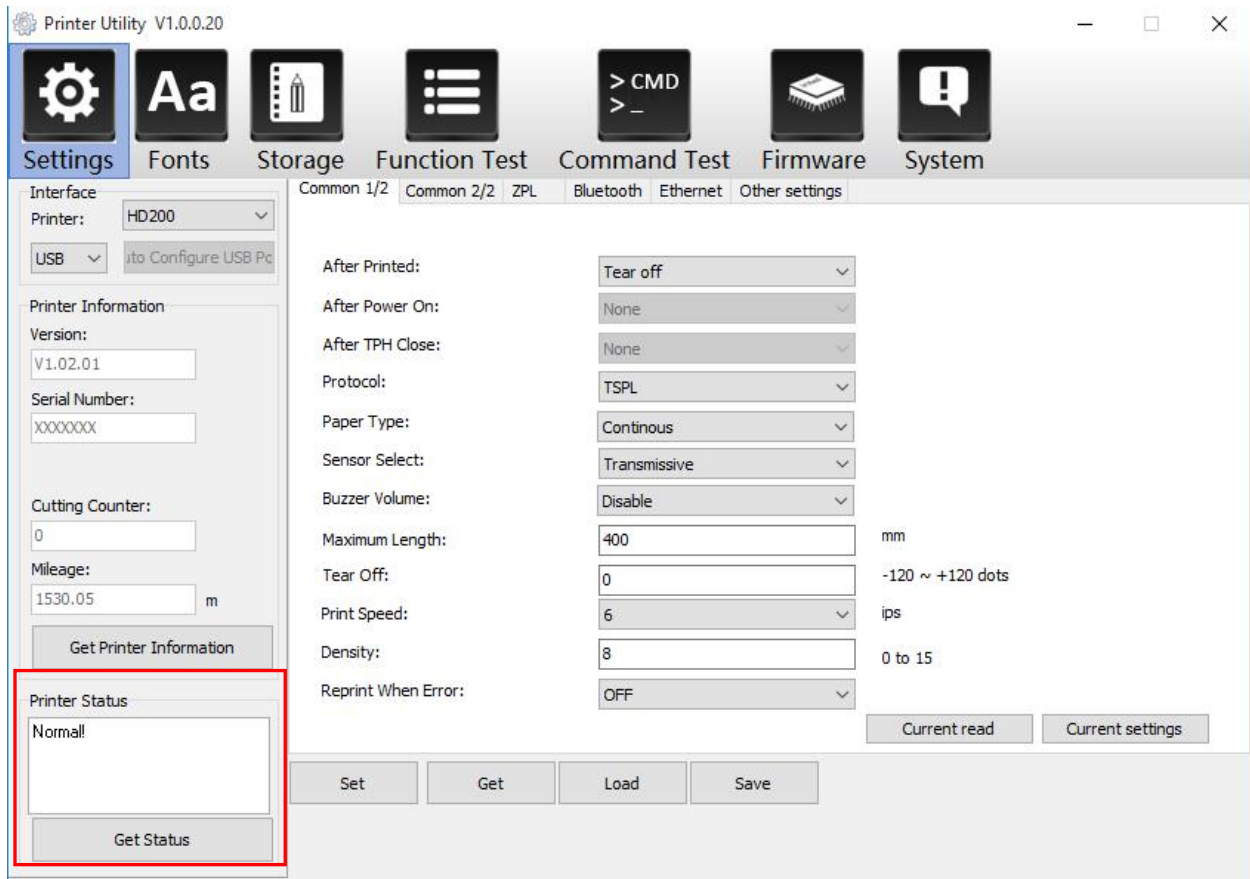
(1) Set up the interface needed. (range: USB, COM, LPT, ETH)



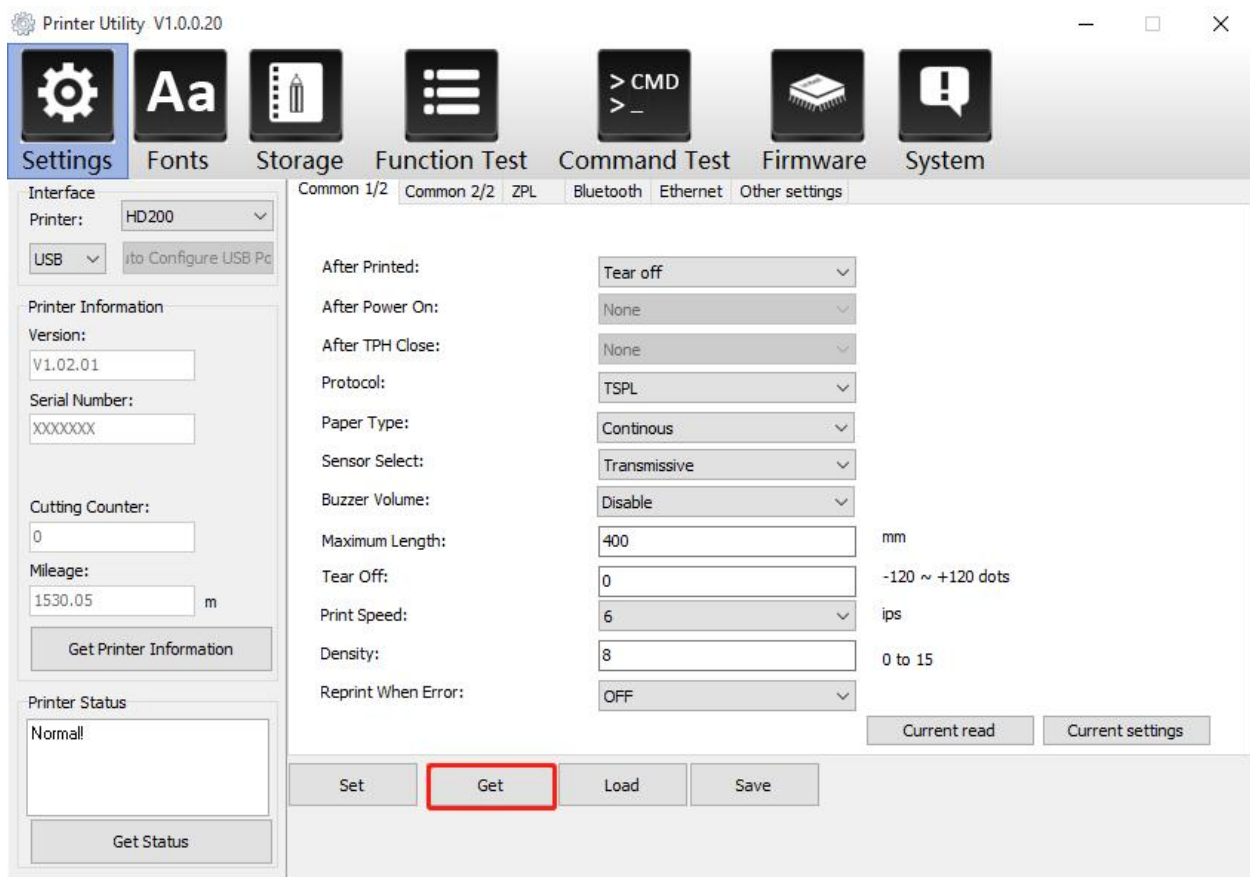
(2) Click "Get Printer Information", and printer information will show in the above.



- (3) Click “Get Status”, and printer status will show in the above.



- (4) Choose “Common” and click “Get”. In this menu, user can get the information about the protocol, sensor, print speed, density and so on.



Click “Bluetooth”, then set up the Bluetooth name and password.

The screenshot shows the HPRT Printer Utility V1.0.0.20 interface. The 'Settings' tab is selected, and the 'Bluetooth' sub-tab is active. The left sidebar contains sections for Interface, Printer Information, Cutting Counter, Mileage, and Printer Status. The main area displays Bluetooth configuration fields: Bluetooth Name (HD200), Password (0000), and Mac address (04 : 7F : 0E : 00 : 00 : 09). Buttons for 'Set', 'Get', 'Load', and 'Save' are at the bottom. 'Current read' and 'Current settings' buttons are on the right.

Interface	Printer
USB	HD200

Printer Information

Version: V1.02.01

Serial Number: XXXXXXXX

Cutting Counter: 0

Mileage: 1530.05 m

Get Printer Information

Printer Status

Normal

Get Status

Bluetooth Name: HD200 (<=16 characters)

Password: 0000 (4 characters)

Mac address: 04 : 7F : 0E : 00 : 00 : 09

Set Get Load Save

Current read Current settings

Click “Ethernet”, then click “Get” to gain the relevant values.

The screenshot shows the HPRT Printer Utility V1.0.0.20 interface with the 'Ethernet' sub-tab selected. The left sidebar remains the same. The main area displays Ethernet configuration fields: DHCP (ON), IP Address (0 : 0 : 0 : 0), Subnet Mask (0 : 0 : 0 : 0), Default Gateway (0 : 0 : 0 : 0), Mac address (80 : 35 : 13 : 83 : 30 : 20), and DNS (empty). Buttons for 'Set', 'Get', 'Load', and 'Save' are at the bottom. 'Current read' and 'Current settings' buttons are on the right.

Interface	Printer
USB	HD200

Printer Information

Version: V1.02.01

Serial Number: XXXXXXXX

Cutting Counter: 0

Mileage: 1530.05 m

Get Printer Information

Printer Status

Normal

Get Status

DHCP: ON

IP Address: 0 : 0 : 0 : 0

Subnet Mask: 0 : 0 : 0 : 0

Default Gateway: 0 : 0 : 0 : 0

Mac address: 80 : 35 : 13 : 83 : 30 : 20

DNS: : : :

Set Get Load Save

Current read Current settings



Note:

- ① Finishing all the settings, user can click “Set” to save the values changed.
- ② Click “Get”, and user will get the default values.

Printer Utility V1.0.0.20

Settings
 Fonts
 Storage
 Function Test
 Command Test
 Firmware
 System

Interface
Printer: HD200
USB [Click to Configure USB Port](#)

Printer Information
Version: V1.02.01
Serial Number: XXXXXXXX

Cutting Counter: 0
Mileage: 1530.05 m

Get Printer Information

Printer Status
Normal

Get Status

Common 1/2 Common 2/2 ZPL Bluetooth Ethernet Other settings

DHCP: ON

IP Address: 0 : 0 : 0 : 0

Subnet Mask: 0 : 0 : 0 : 0

Default Gateway: 0 : 0 : 0 : 0

Mac address: 80 : 35 : 13 : 83 : 30 : 20

DNS: : : :

① Set
 ② Get
 Load
 Save

Current read
 Current settings

3. Click "Fonts".

(1) Click "Select Font" to select the vector font you want.

Storage:

Select Font:

FLASH

...

Download

Free space:78,585,856B;Uses space38,723,584B.

Storage	Fonts File Name

Delete

Delete All Fonts

Check Font

Input test text:(Length<256)

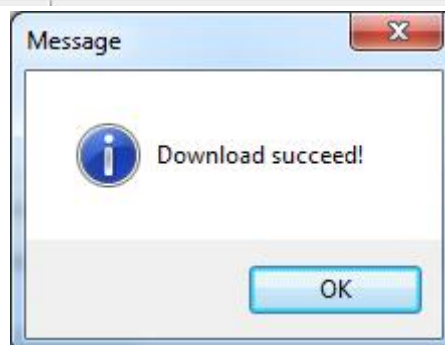
Code Page:

Double-byte Asian encoding

Print Text

(2) Click "Download" (Note: The font file name must be in English or number).

A screenshot of the 'Download' button and progress bar. The 'Download' button is highlighted with a red rectangle. Below it, the progress bar shows a green segment indicating the download progress. The text 'Downloading: 167 KB/733KB.' is displayed above the progress bar. At the bottom, the text 'Free space:2,048,000B;Uses space24,576B.' is shown.



(3) Select the downloaded font file, enter the print content in the text box, and click "Print Text".

Storage: FLASH Select Font: C:\Users\Administrator\Desktop\Fonts\Fonts\cour.ttf

Downloading: 788 KB/788KB.

Free space:1,069,056B;Uses space1,003,520B.

Storage	Fonts File Name
FLASH	COUR.TTF
FLASH	CYR.TTF

Input test text:(Length<256)

abc123

Printable Width: 30 (10-108)mm
Printable Height: 30 (10-210)mm

Delete Delete All Fonts Print Text

4. Click "Storage" to print image. (The file name can only be English or numeric.)

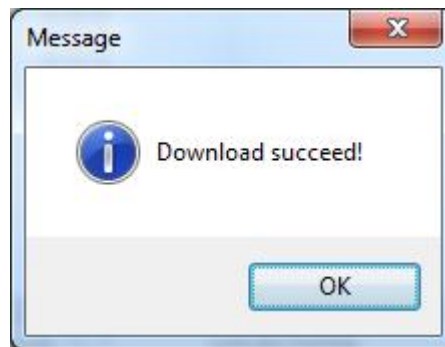
The screenshot shows the 'Download File' section at the top with a 'File Type' dropdown set to 'Graphics' and a 'Magnification' dropdown set to '1.0'. Below these is a 'File Name' input field followed by a button with three dots and a 'Download' button. Underneath, it displays 'Free space: 78,585,856B; Uses space 38,723,584B.' Below this are three panels: 'Graphics', 'Label Form', and 'Auto Label Form'. Each panel contains a large empty box and a set of buttons: 'List All', 'Print Selected', 'Delete Selected', and 'Delete All' for the first two panels, and 'List Auto Form', 'Print Auto Form', 'Delete Auto Form', and 'Enable Auto Form' for the third panel.

(1) Click "File name" to select the image.

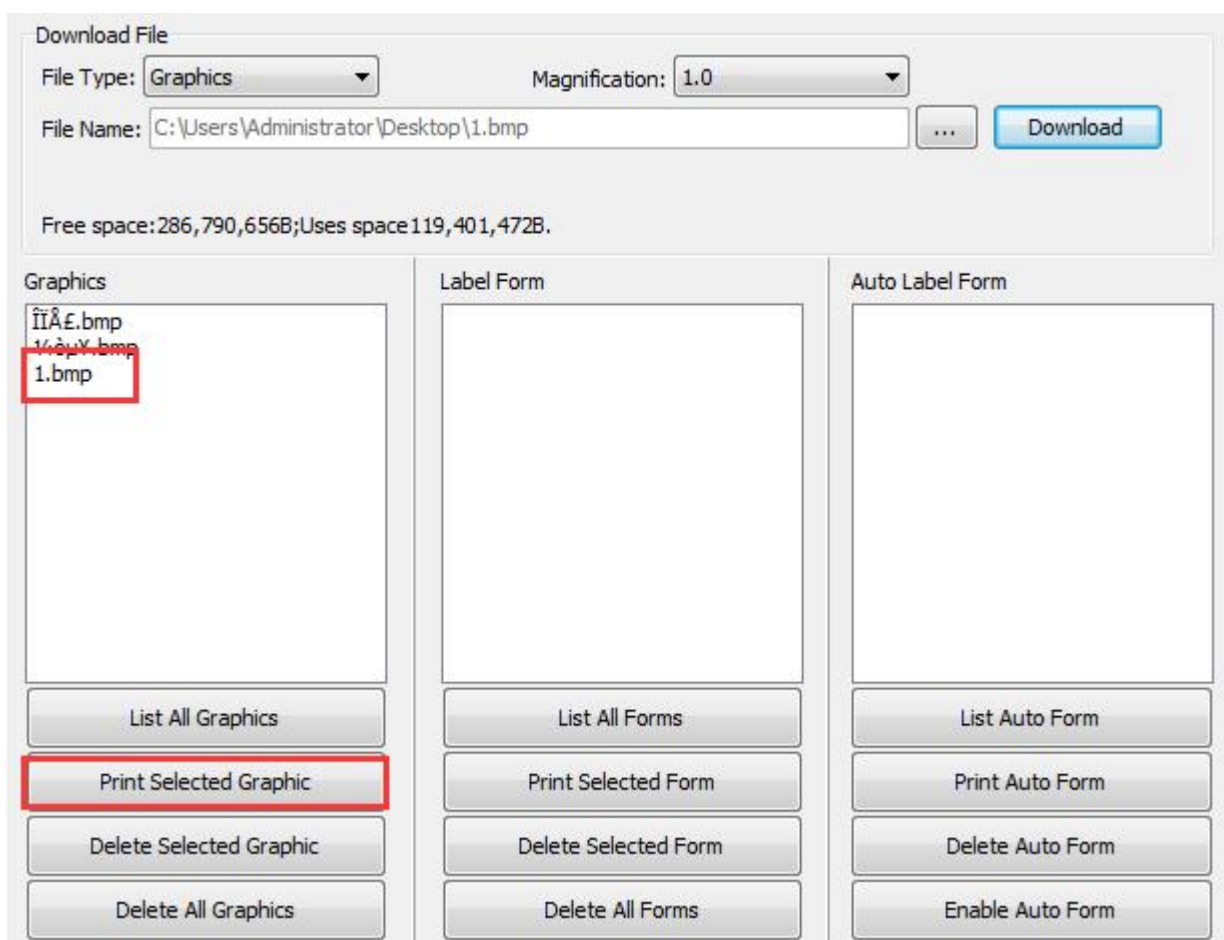
This is a close-up of the 'Download File' section. The 'File Type' is 'Graphics' and 'Magnification' is '1.0'. The 'File Name' input field is empty. The button with three dots is highlighted with a red square, indicating it should be clicked to select a file. The 'Download' button is to its right. Below the input field, the text 'Free space: 78,585,856B; Uses space 38,723,584B.' is visible.

▲Note: The file name must be in English or number, and the filename length must be less than 32.

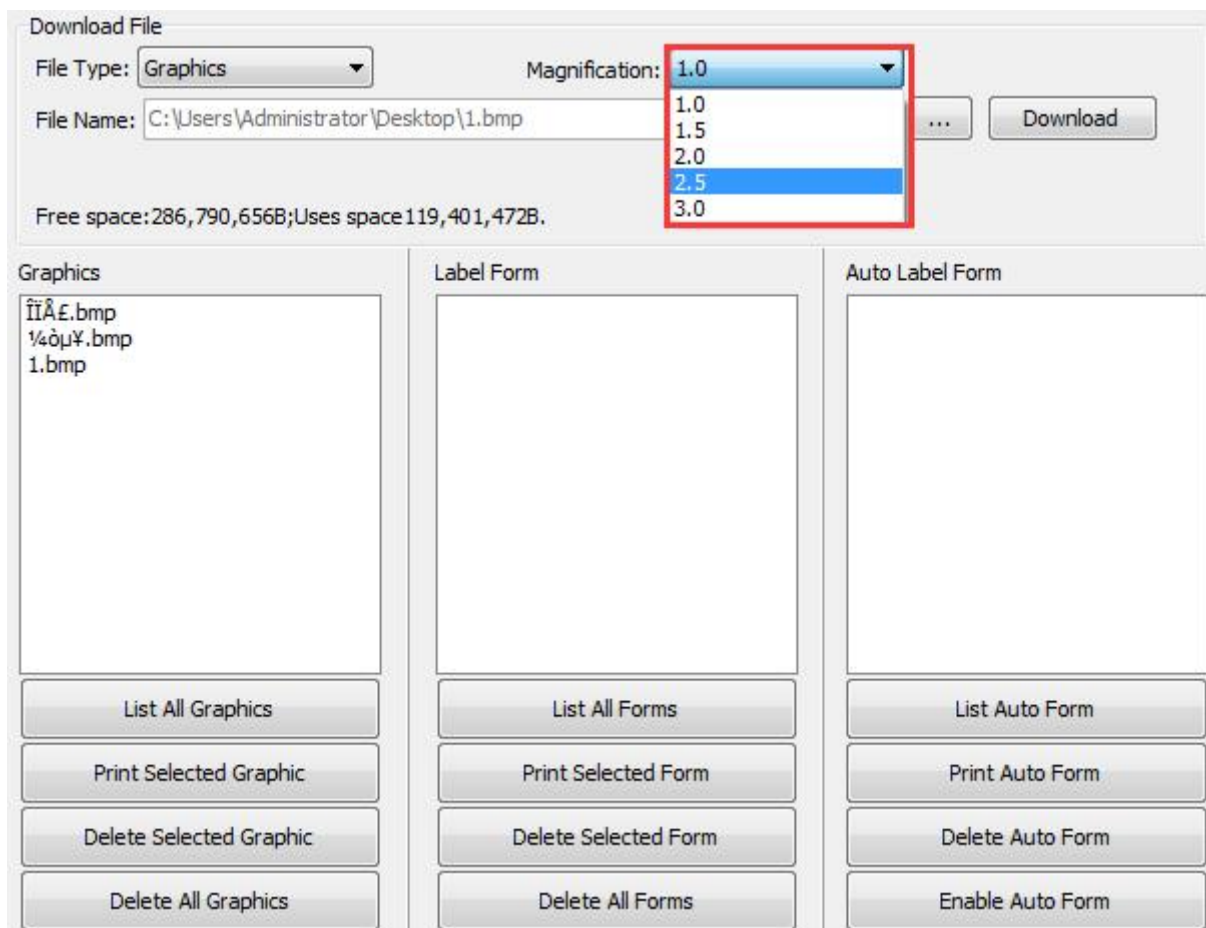
(2) Click "Download".



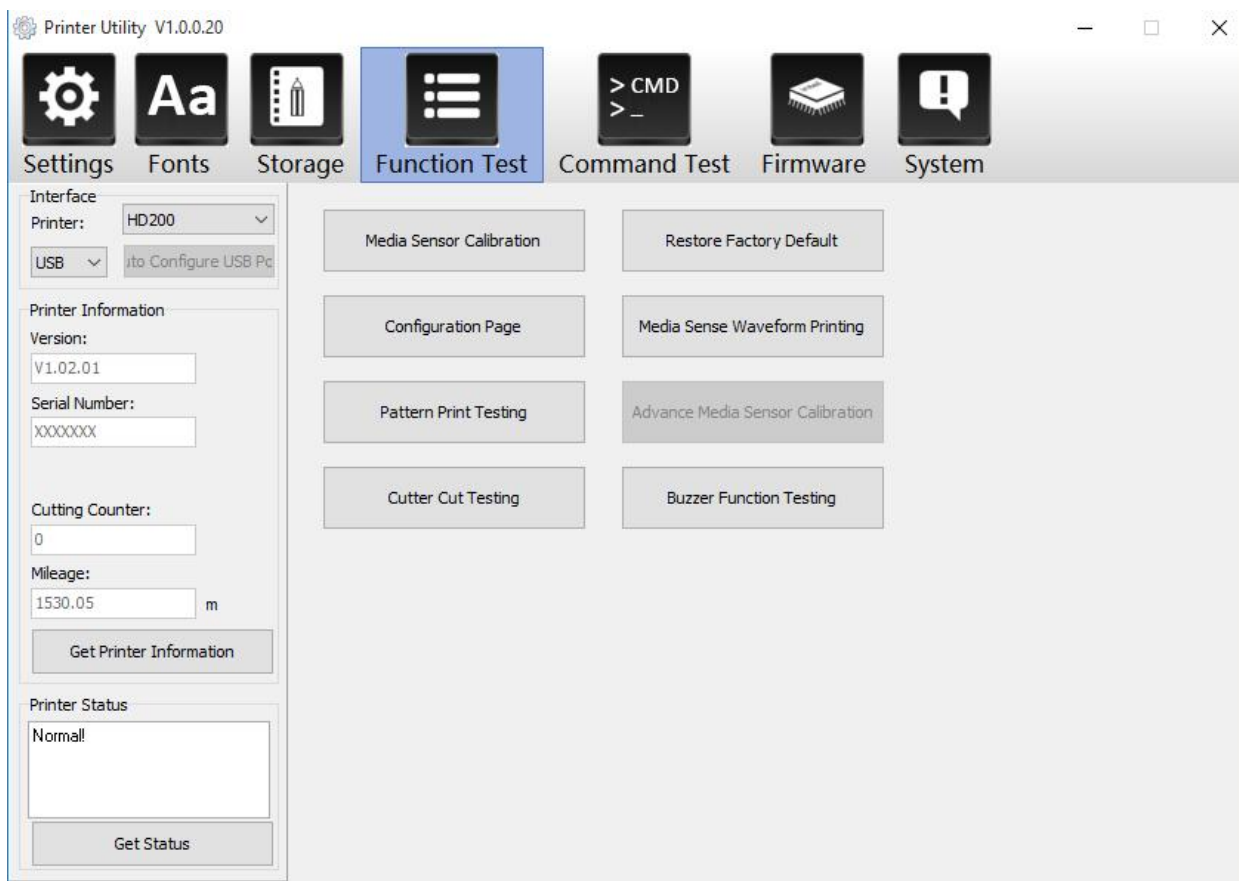
(3) Select the downloaded graphic, and then click "Print Selected Graphic" to print the picture.



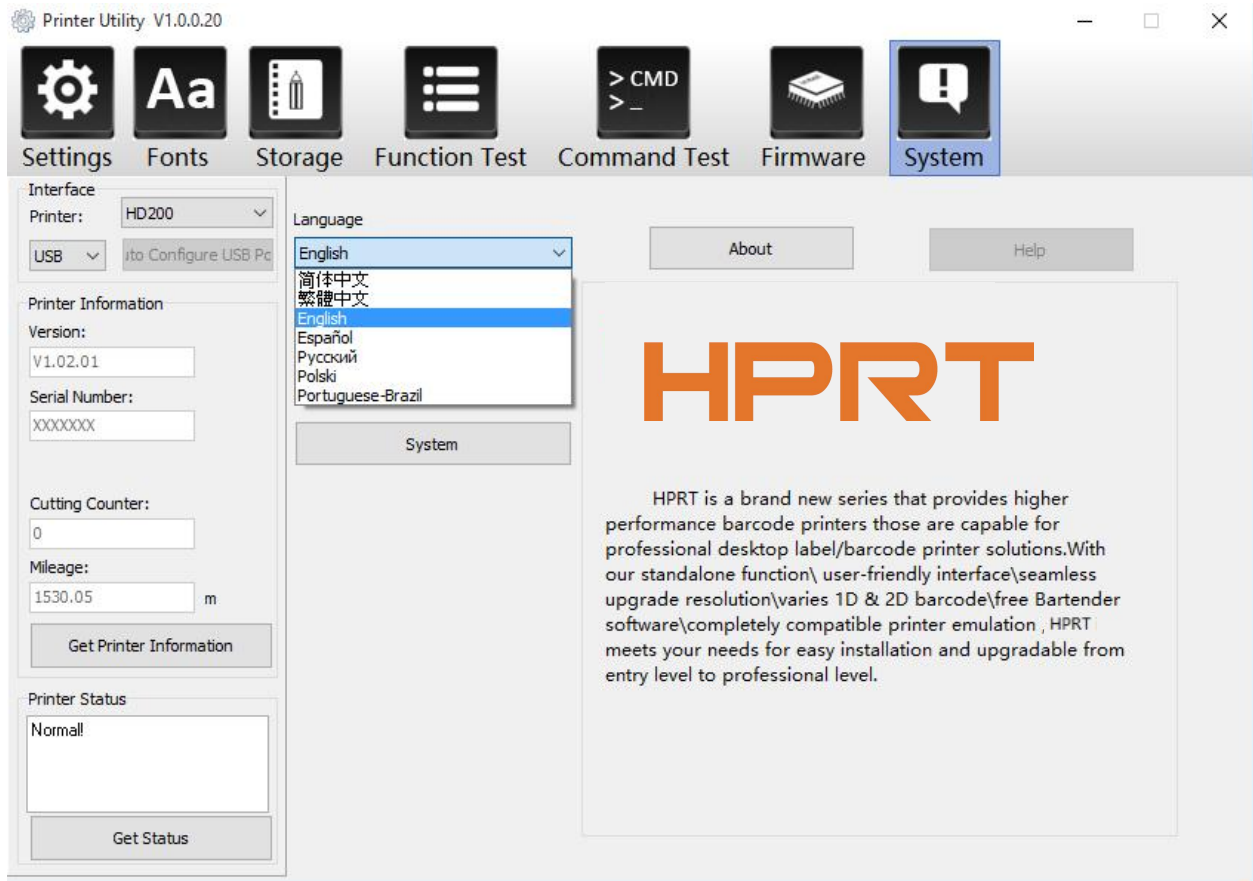
(4) You can set a magnification of the graphic as needed.



5. Click "Function Test". User can carry the followings such as sensor calibration, pattern print testing and so on.



6. Click "System". Click "language" and choose the language of printer utility.



7. Seagull Windows Driver Instructions

7.1 Introduction

The following operating systems are supported for usage.

- Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows 10
- Windows Server 2008, 2008 R2, 2012, 2012 R2, 2016
- 32-bit and 64-bit (x64) editions.

7.2 Windows Driver Preparation

Download Seagull Windows Driver application.

7.3 Driver Installation

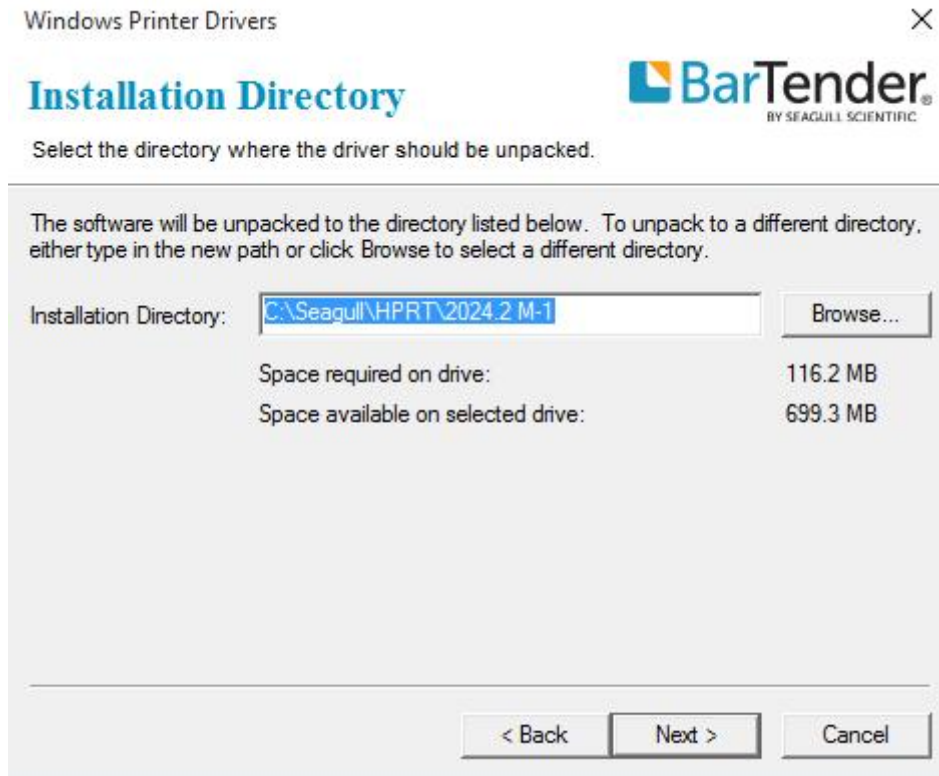


Note:

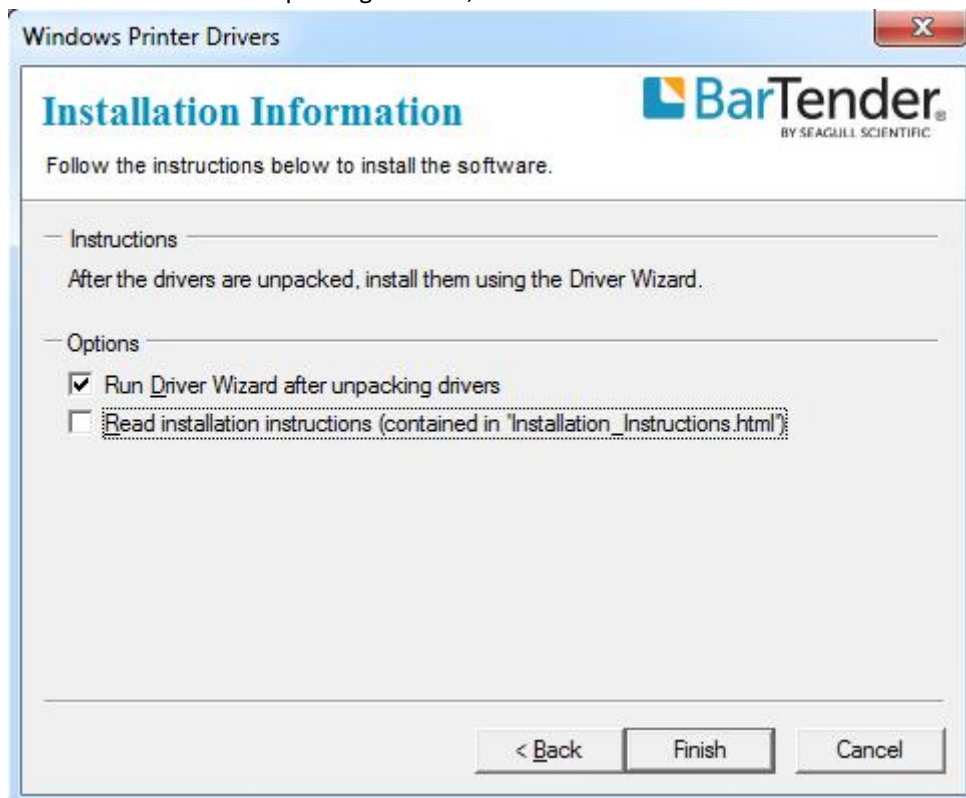
- Under different operating system, the screen has slight difference. The following example is based on the Windows 10 operating system.
 - It is recommended to close the relevant security protection software before installation to avoid affecting the installation of the driver.
1. Select one interface to connect your printer to computer.
 2. Turn on the printer check if it successfully connected to computer.
 3. Double click Seagull Windows Driver.
 4. Read and agree the license agreement. Then click "Next".



5. Choose the installation directory, then click "Next".



6. Select "Run Driver Wizard after unpacking drivers", then click "Finish".

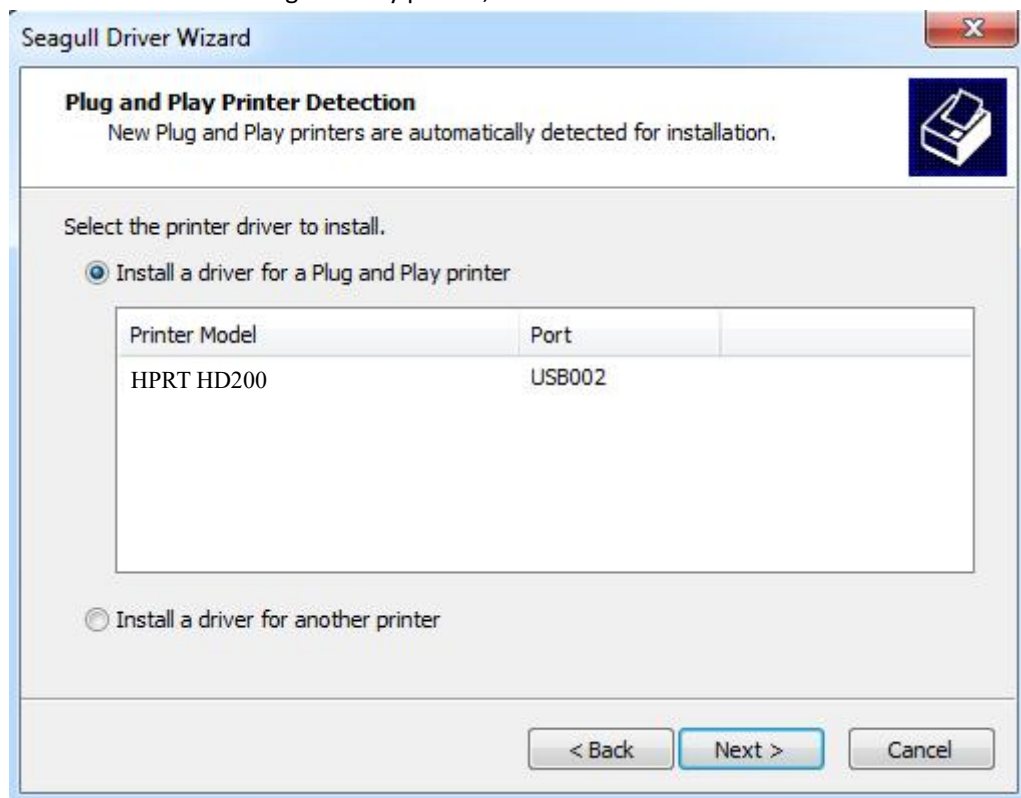


7. Choose "Install printer drivers" , then click "Next".

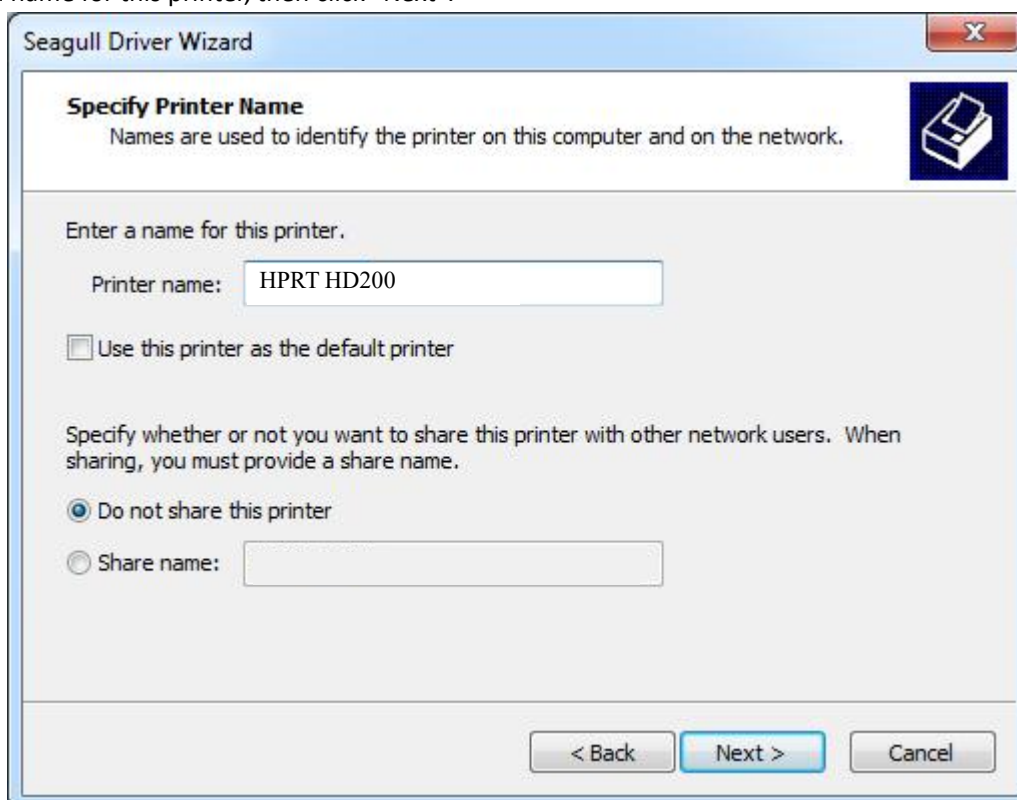


Note: If you have connected the printer to computer, it will detect and install the driver automatically. (eg.: USB port) .

8. Choose "Install a driver for a Plug and Play printer, then click "Next".



9. Enter a name for this printer, then click "Next".



10. Click "Finish".



11. Click "Close", and the driver is installed successfully.



12. After installation, the icon will be found in "Start" → "Settings" → "Devices" → "Devices and Printers".



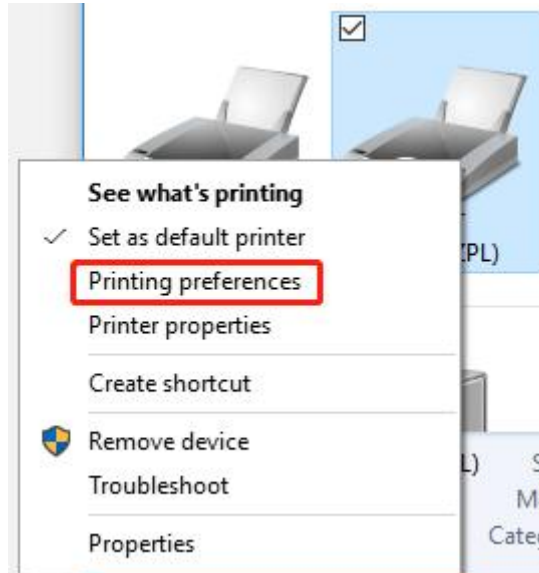
Note:

- If already installed the driver (No matter what kind of port), when you connect the printer with computer via USB, it will create a USB port automatically.
- Any problems exist, please use our utility tool.

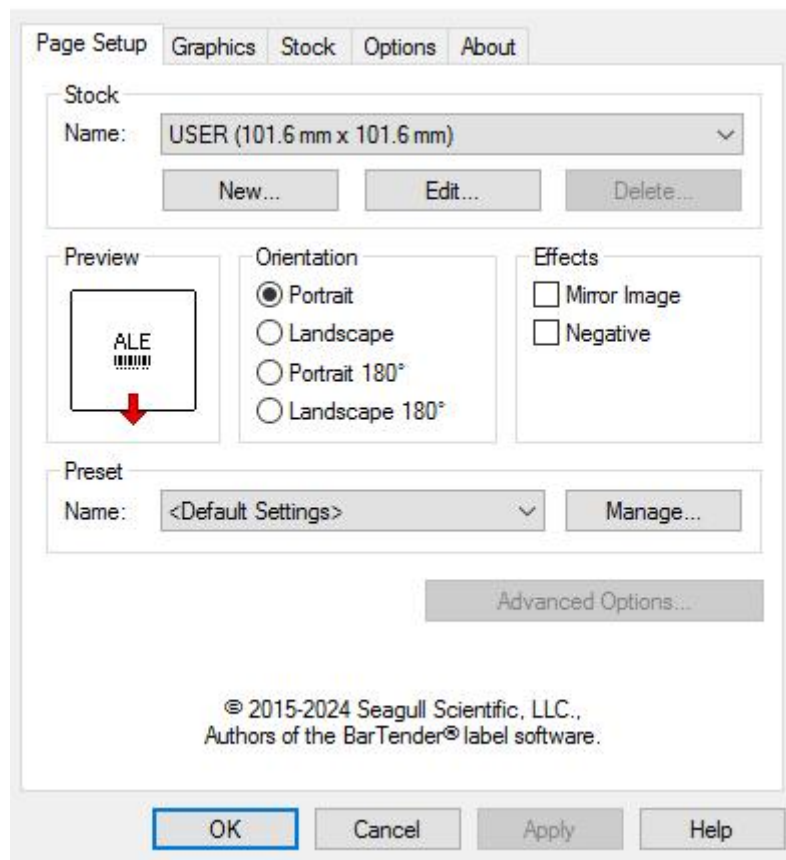
7.4 Usage

7.4.1 Printing Preferences

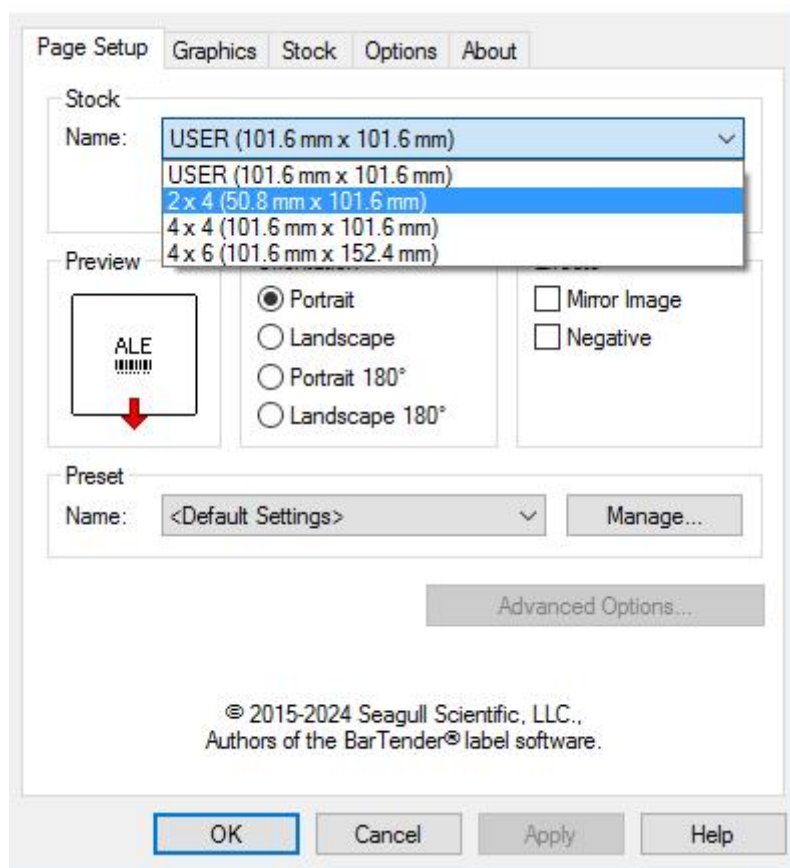
1. Click "Start" → "Settings" → "Devices" → "Devices and Printers". Right click icon and choose "Printing preferences".



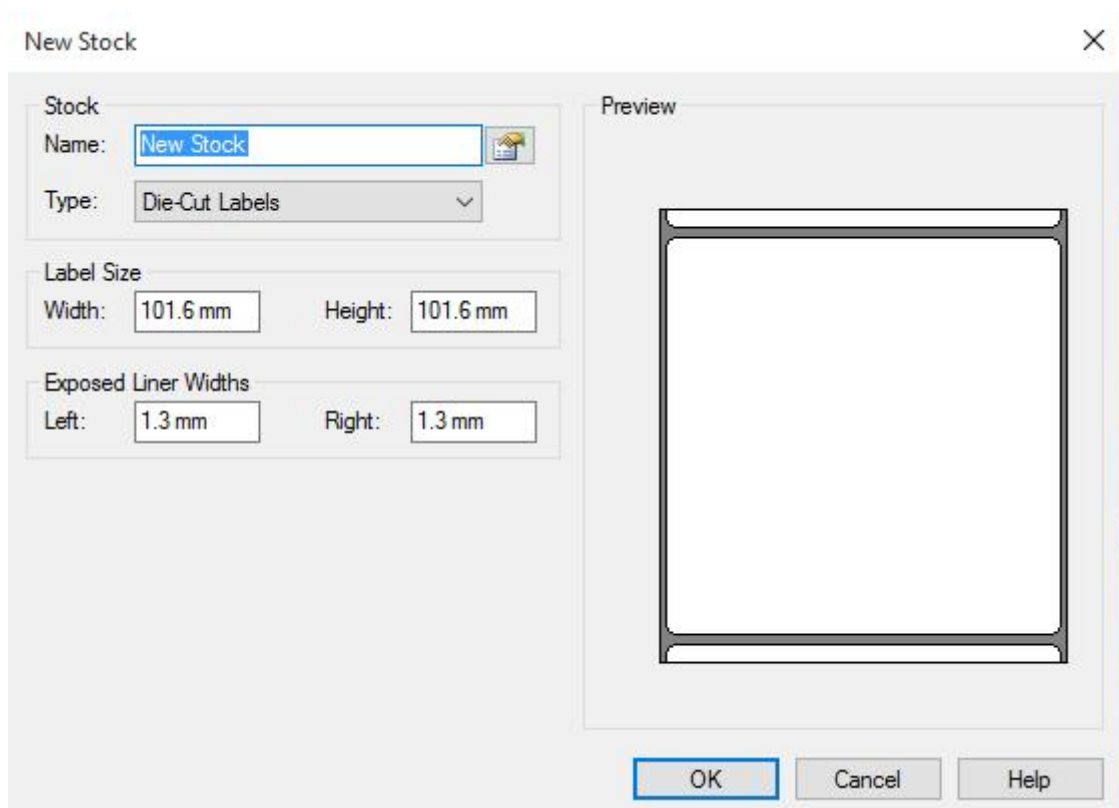
2. According to different needs, set up the page.



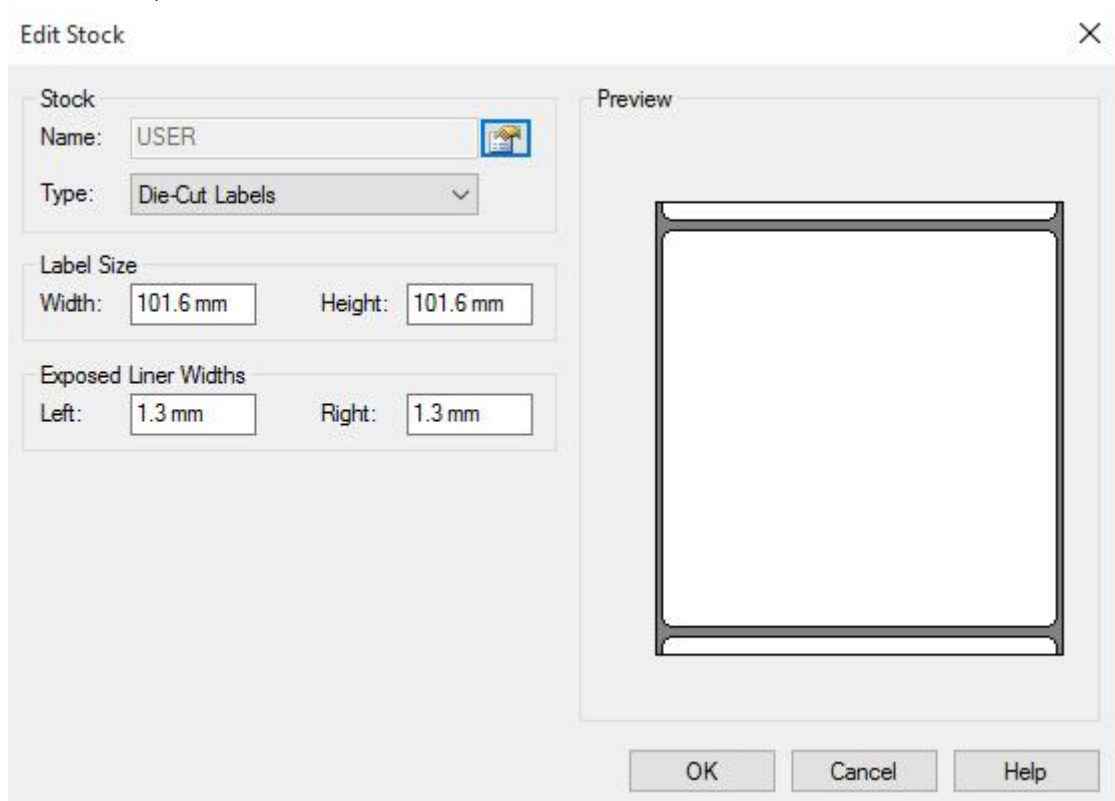
- Click “Stock”→“Name”, and choose the paper type.



- Click “New Stock”, and set up a new stock.



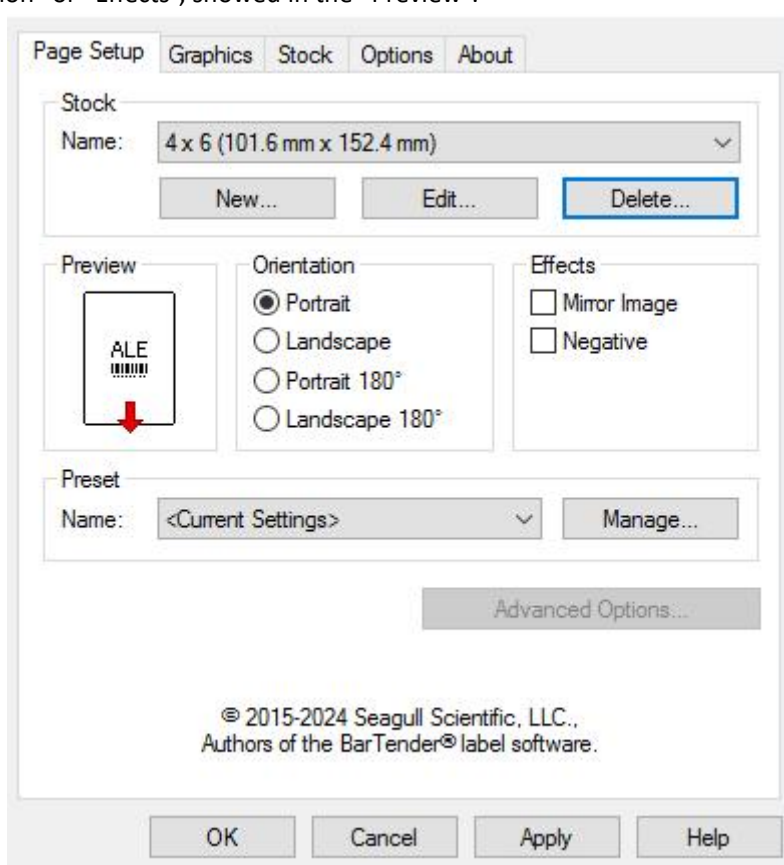
- Click “Edit Stock”, and edit the stock.



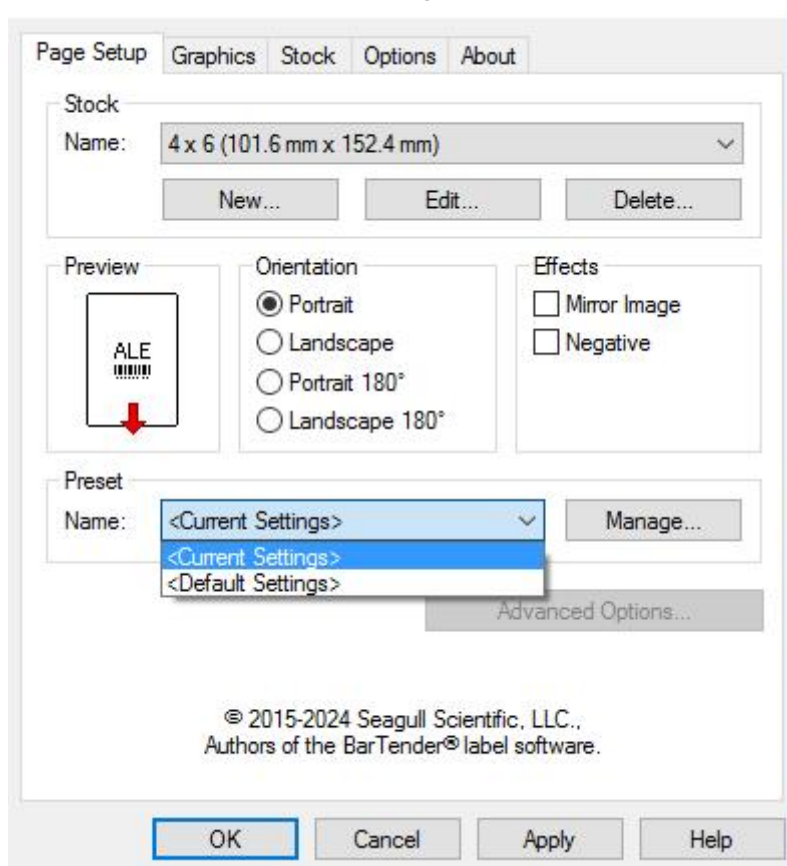
- Click “Delete Stock”, and delete the stock.



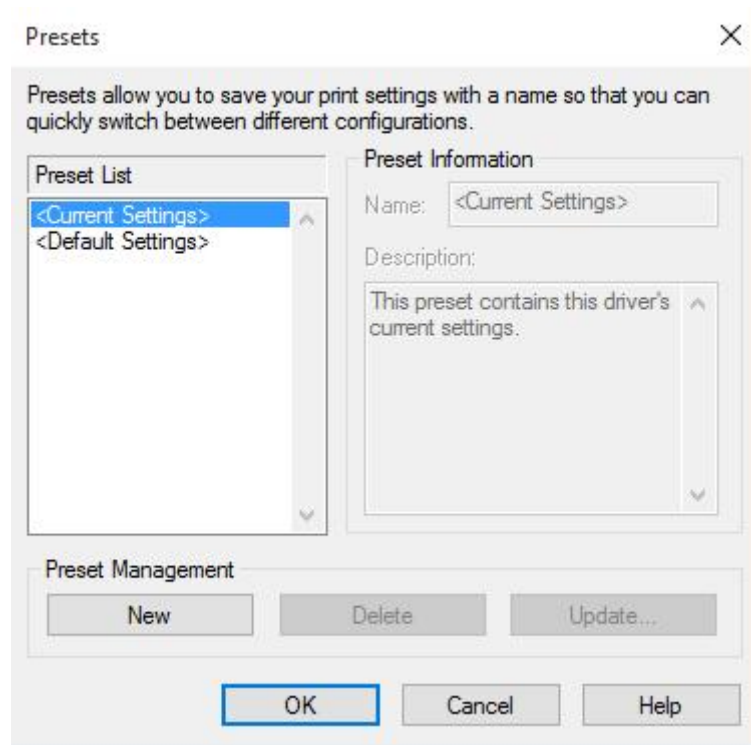
- Choose “Orientation” or “Effects”, showed in the “Preview”.



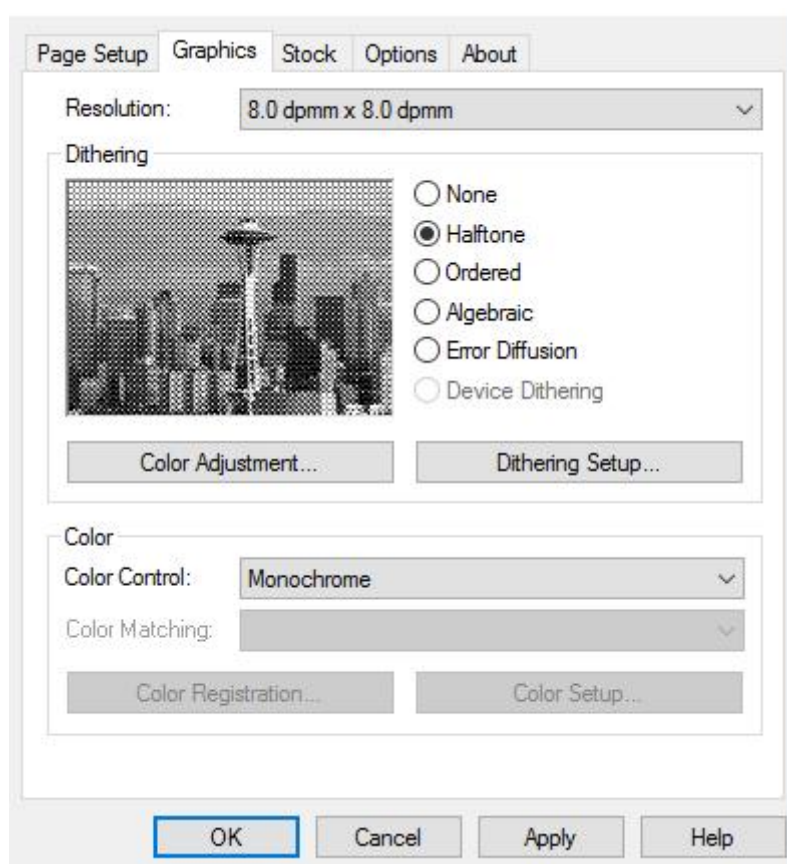
- Click “Preset”→“Name”, and back to the default settings.



- Click “Manage”, and change the settings.



3. Click “Graphics”, and edit the pictures.



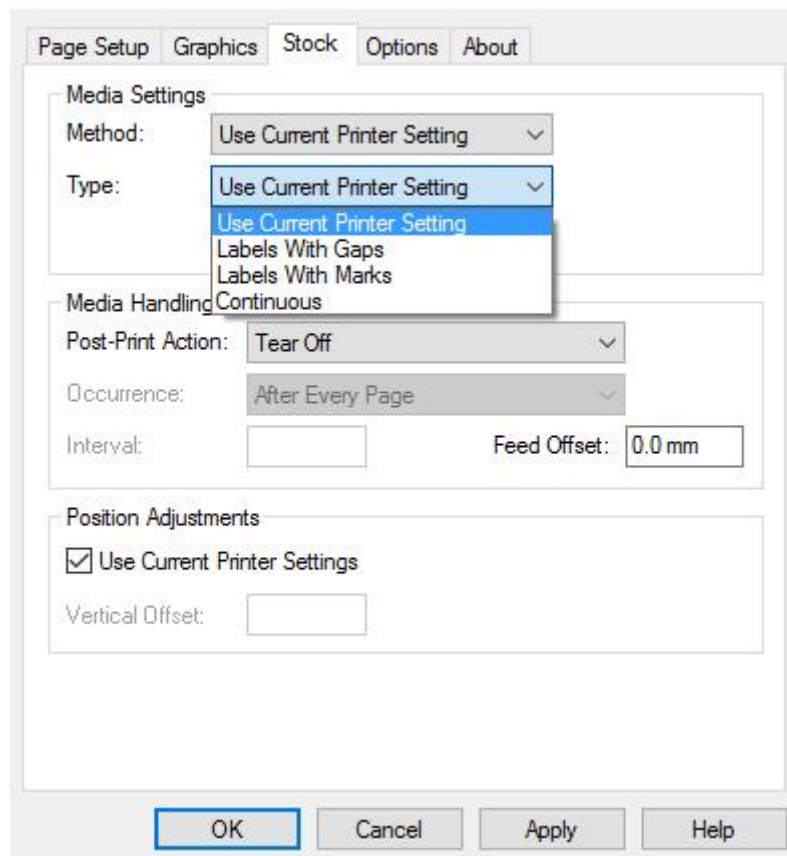
4. Click "Stock".

The screenshot shows the 'Stock' tab of a printer settings dialog. The 'Media Settings' section has 'Method' and 'Type' both set to 'Use Current Printer Setting'. The 'Media Handling' section has 'Post-Print Action' set to 'Tear Off', 'Occurrence' set to 'After Every Page', 'Interval' as an empty text box, and 'Feed Offset' set to '0.0 mm'. The 'Position Adjustments' section has 'Use Current Printer Settings' checked and 'Vertical Offset' as an empty text box. At the bottom are 'OK', 'Cancel', 'Apply', and 'Help' buttons.

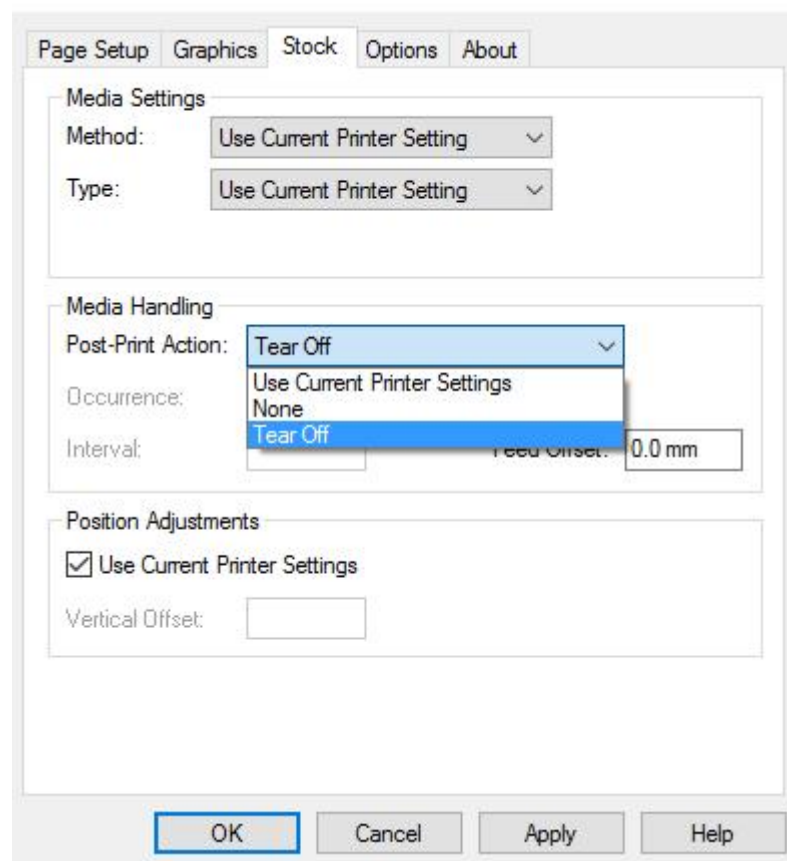
- Set up the print method.

This screenshot is similar to the previous one, but the 'Type' dropdown menu in the 'Media Settings' section is open. It shows three options: 'Use Current Printer Setting' (highlighted in blue), 'Use Current Printer Setting', and 'Direct Thermal' (highlighted in blue). All other settings and the bottom buttons remain the same.

- Set up the media type.

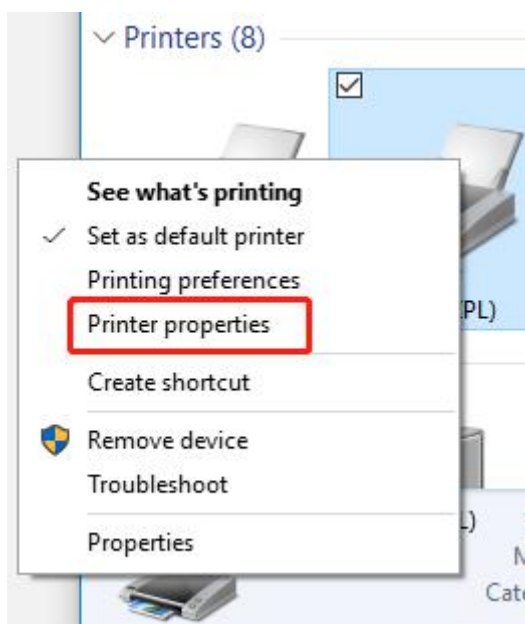


- Click “Feed Mode”→“Mode”, and choose the method of media handling.

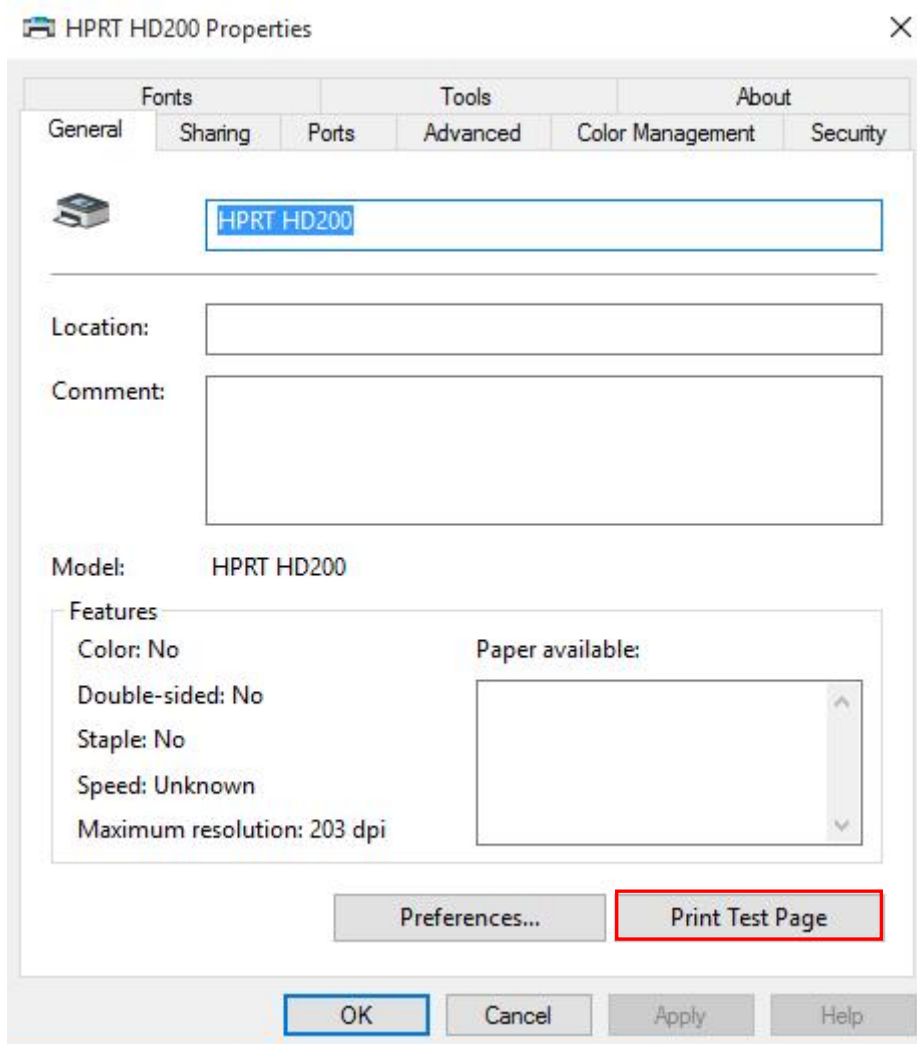


7.4.2 Printer Properties

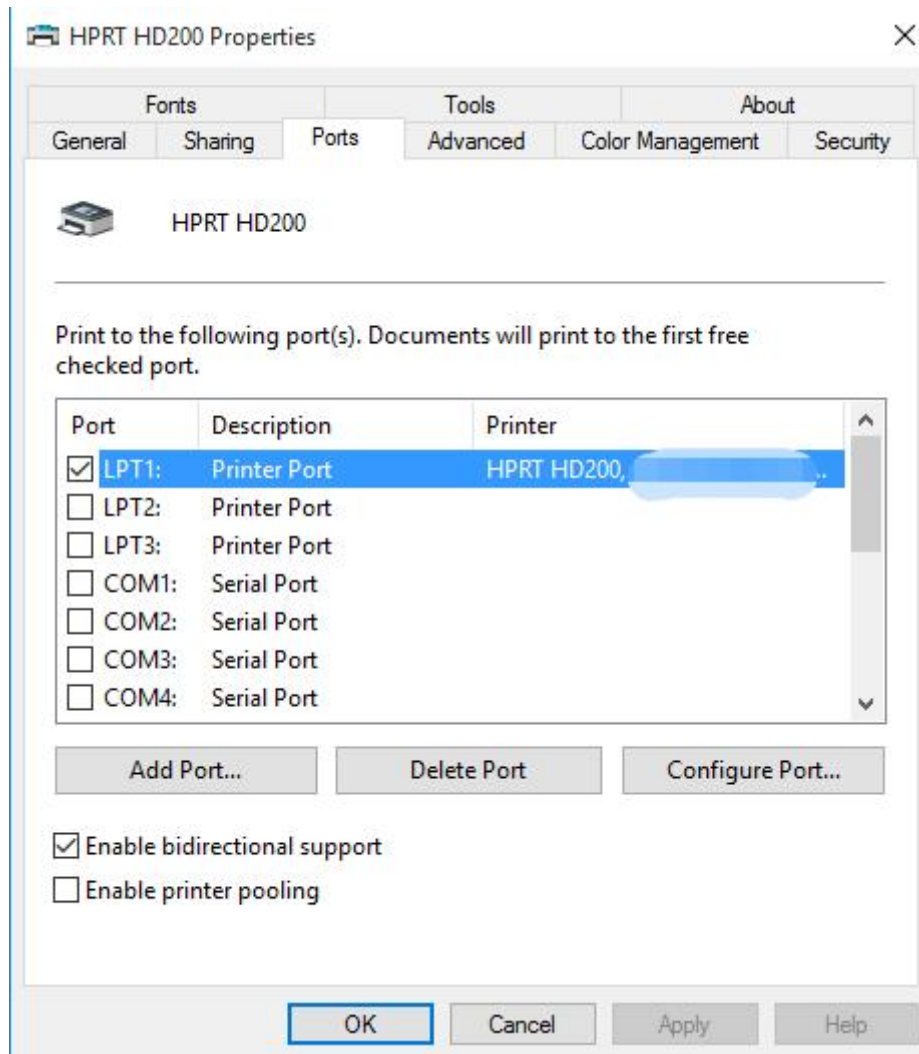
1. Click “Start”→“Devices and Printers”. Right click icon and choose “Printing properties”.



2. Click “General”→“Print Test Page”, and printer will print labels with current settings.



3.3. Click “Ports”, and choose the port needed.



8. Windows Driver Instructions

8.1 Introduction

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

This driver support for these following operating systems:

- Microsoft Windows 11 iot
- Microsoft Windows 10 (32 bit/64 bit)
- Microsoft Windows 8 (32 bit/64 bit)
- Microsoft Windows 7 (32 bit/64 bit)
- Microsoft Windows Vista (32 bit/64 bit)
- Microsoft Windows Server 2019

8.2 Installation Preparation

8.3 Installation

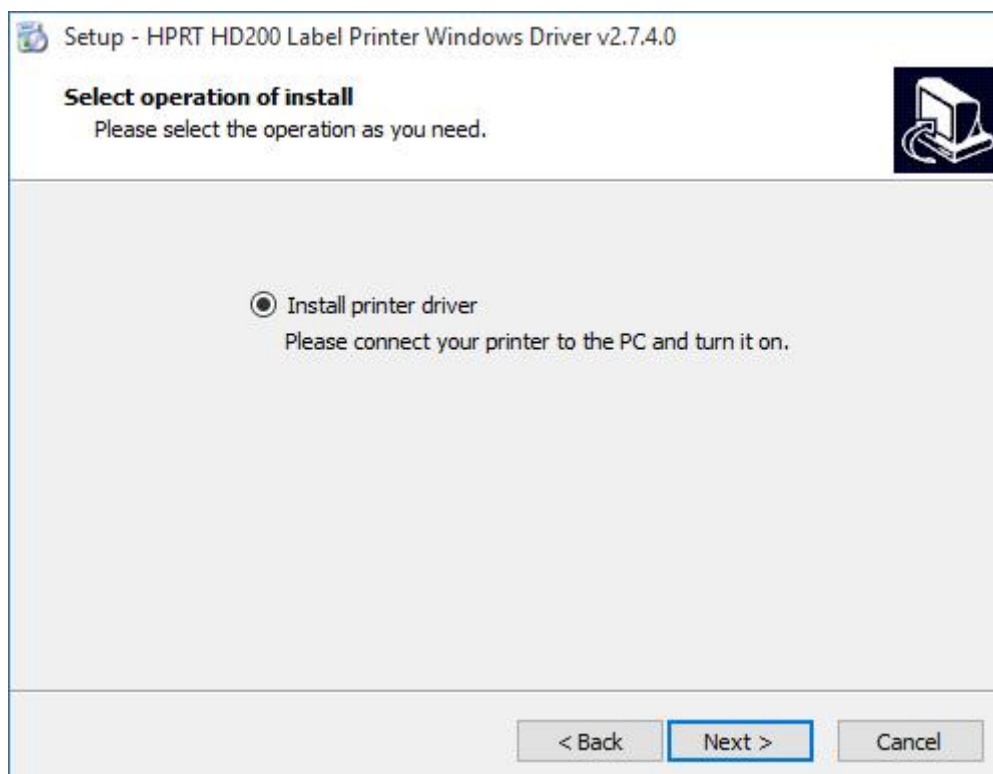
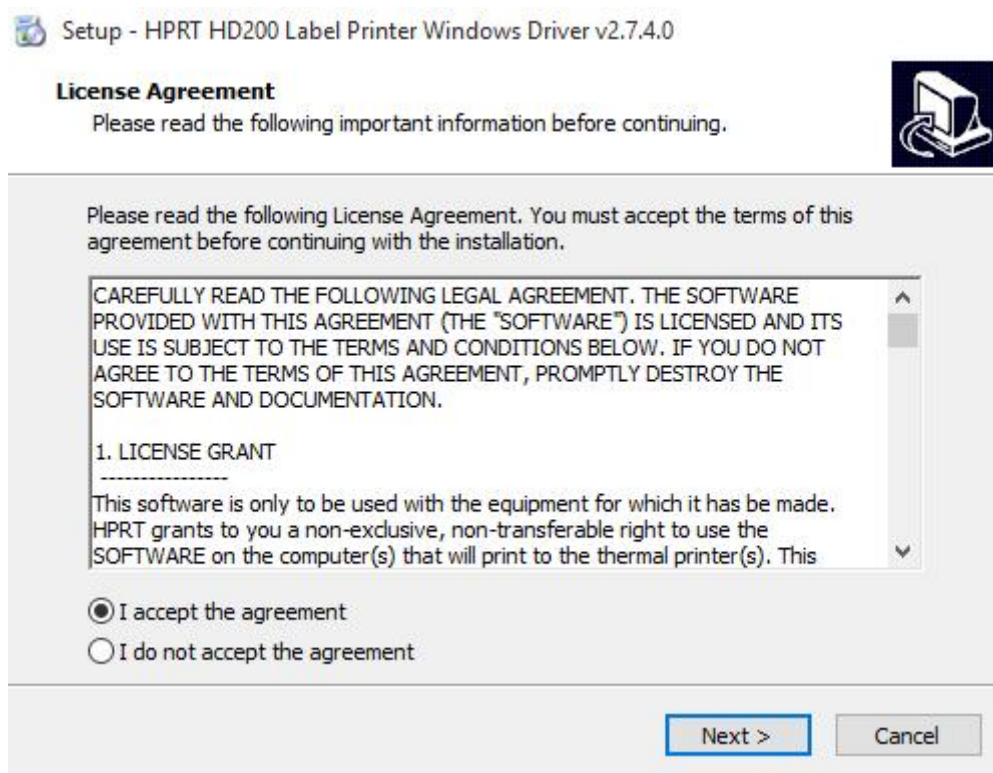


Warning: There are some differences under different operating system. Please operate it according to the tips. Recommend to close security software before installation in case of preventing installation.

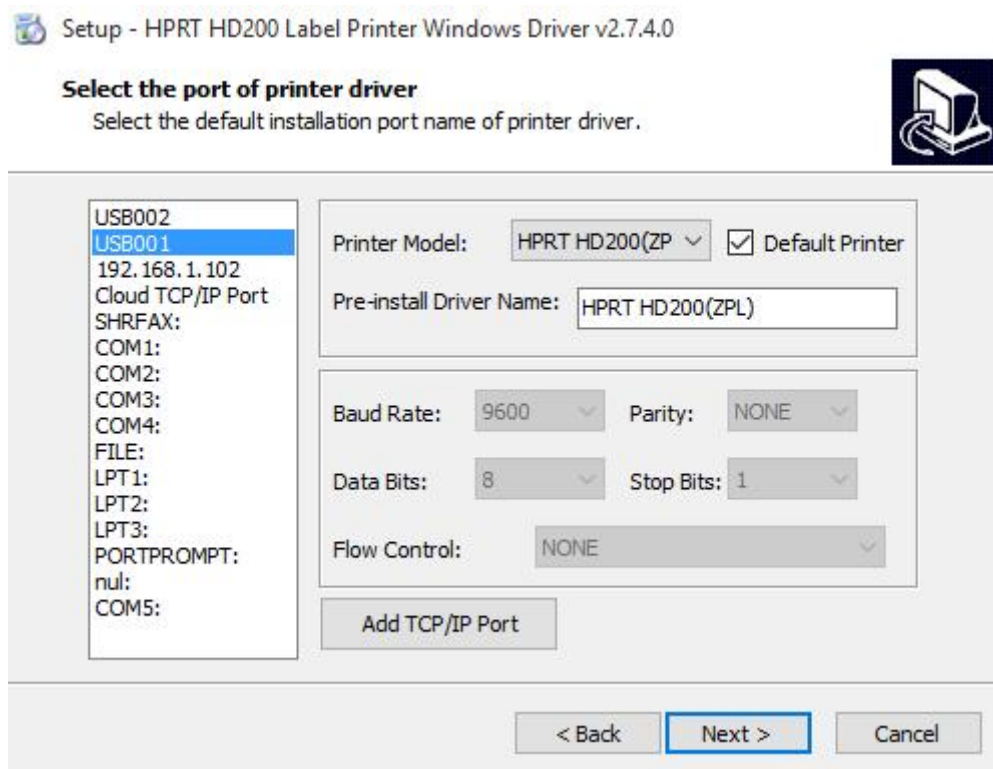
1. Select one interface to connect your printer to computer.
2. Turn on the printer check if it is connected to computer successfully.
3. Double click Windows Driver.



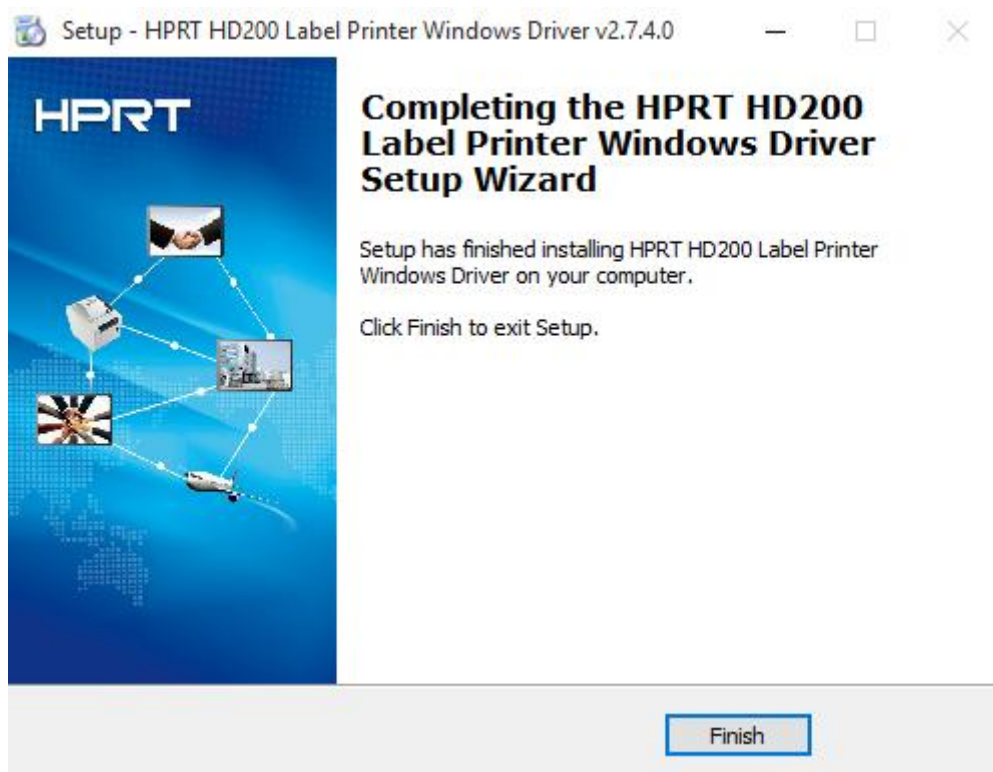
4. After agree to the EULA, click “Next”.



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



- Click "Finish".



7. After installation, the icon will be found in “Start” → “Settings” → “Devices” → “Devices and Printers”.



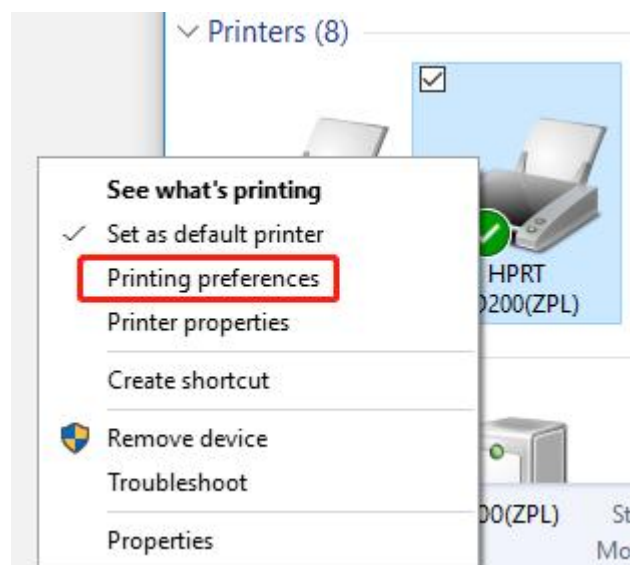
Note:

- 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.

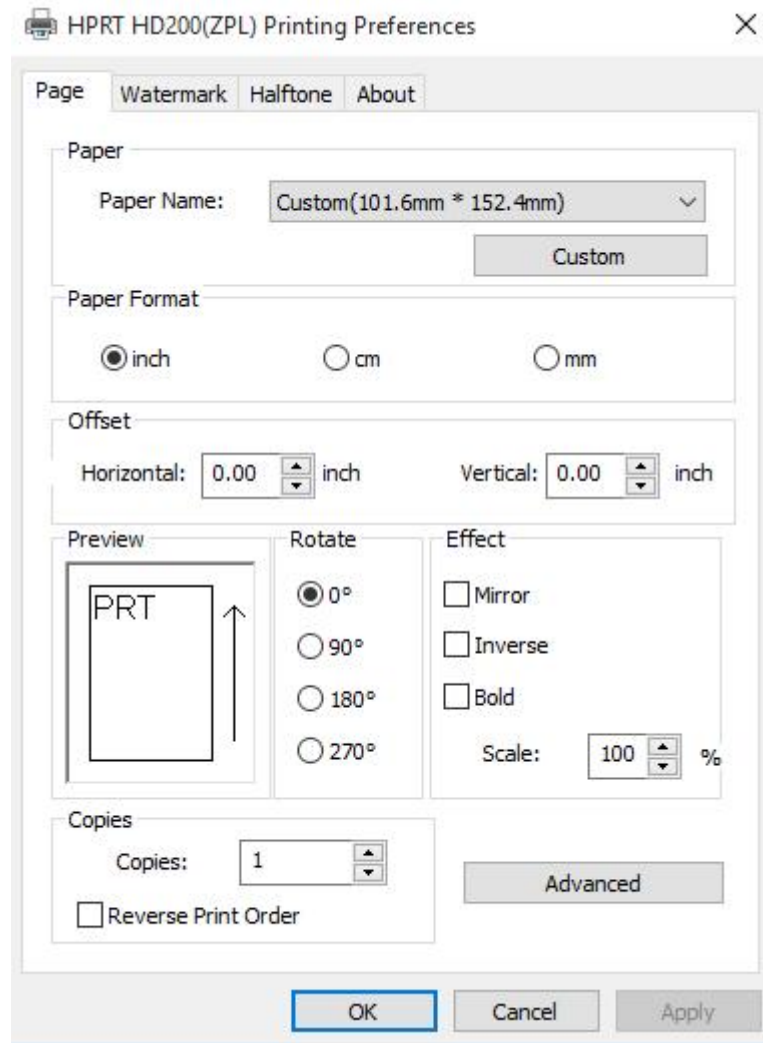
8.4 Usage

8.4.1 Printing Preferences

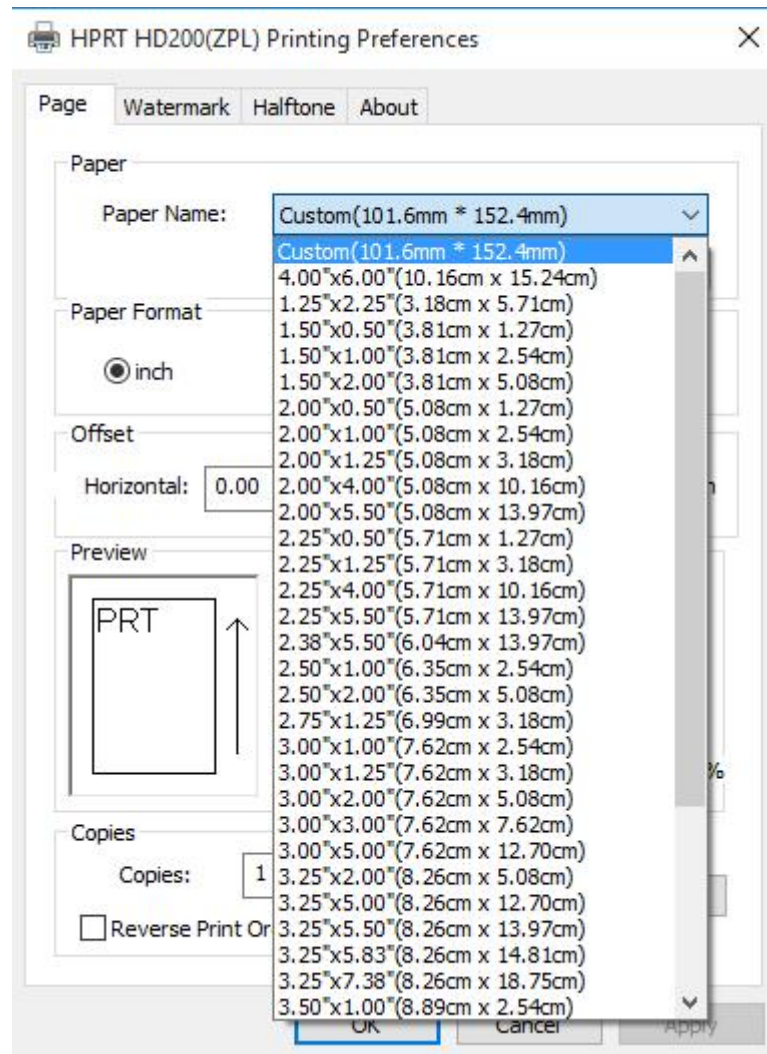
1.Click “Start” → “Settings” → “Devices” → “Devices and Printers”. Right click the icon and choose “Printing preferences”.



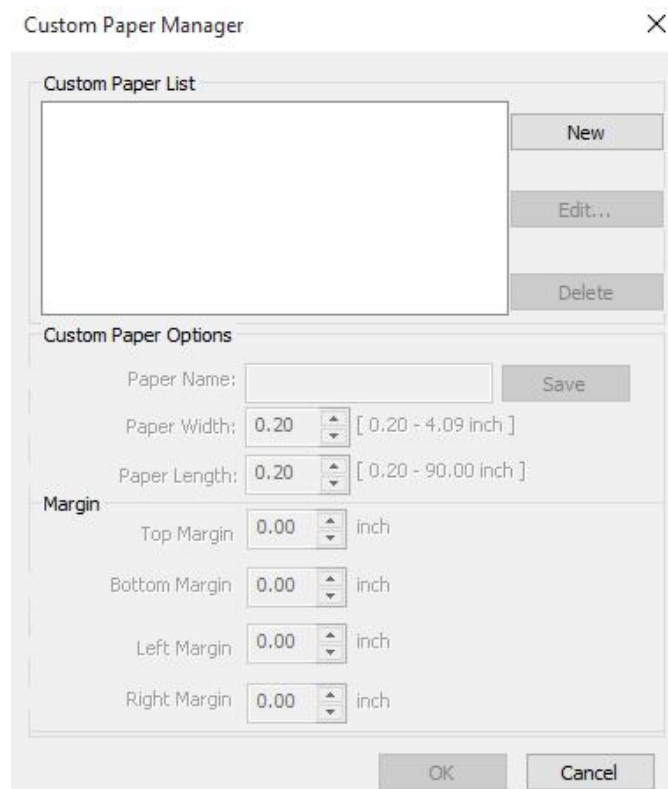
2. According to different needs, set the page.



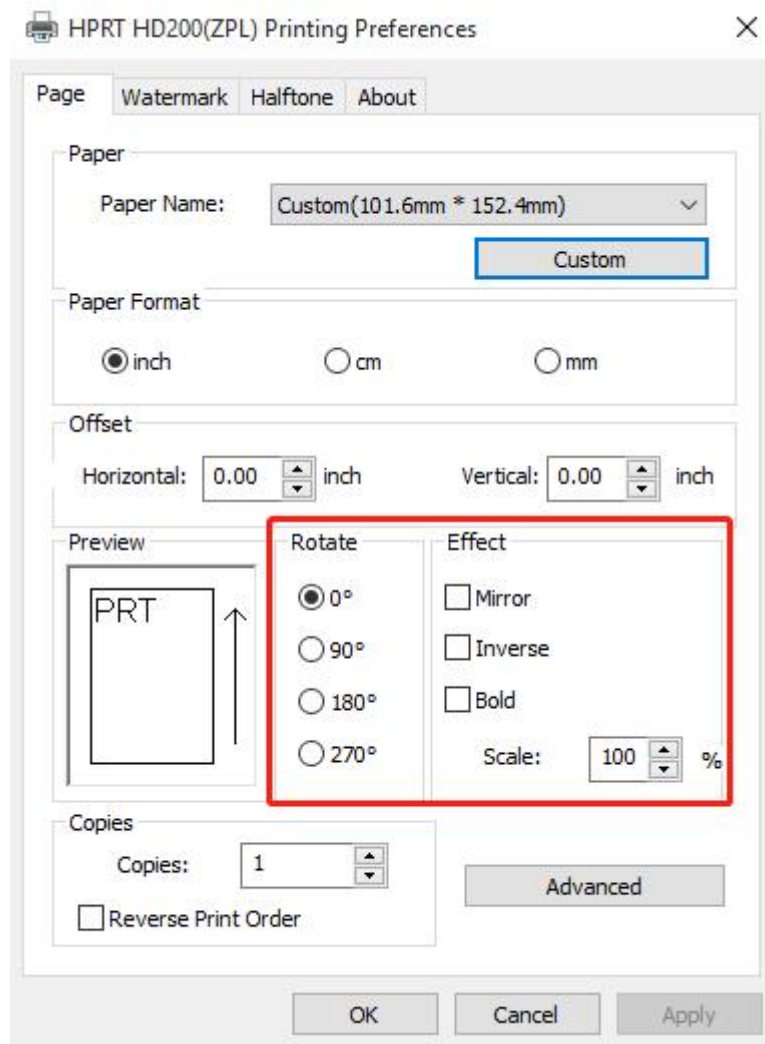
- Click “Paper Name”, then choose the paper type.



- Click “Custom” to add a new stock.

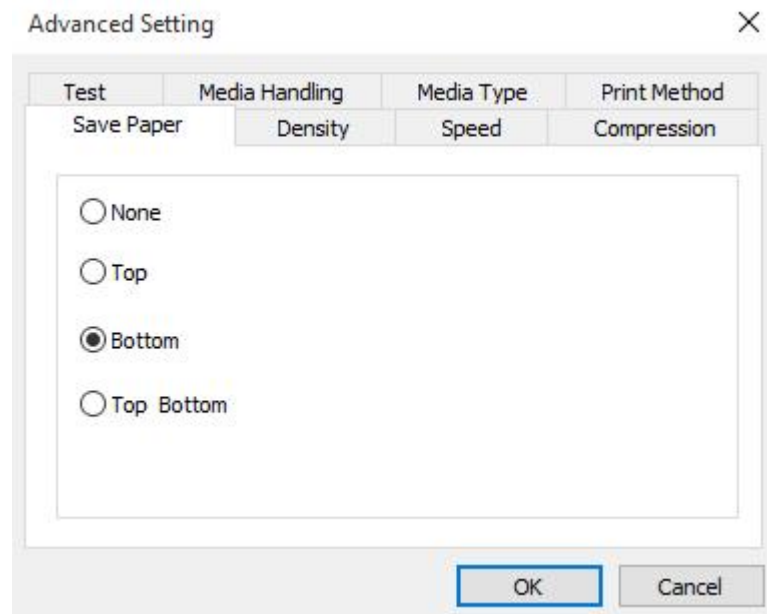


- Choose “Rotate” or “Effect”, it will be showed in the “Preview”.

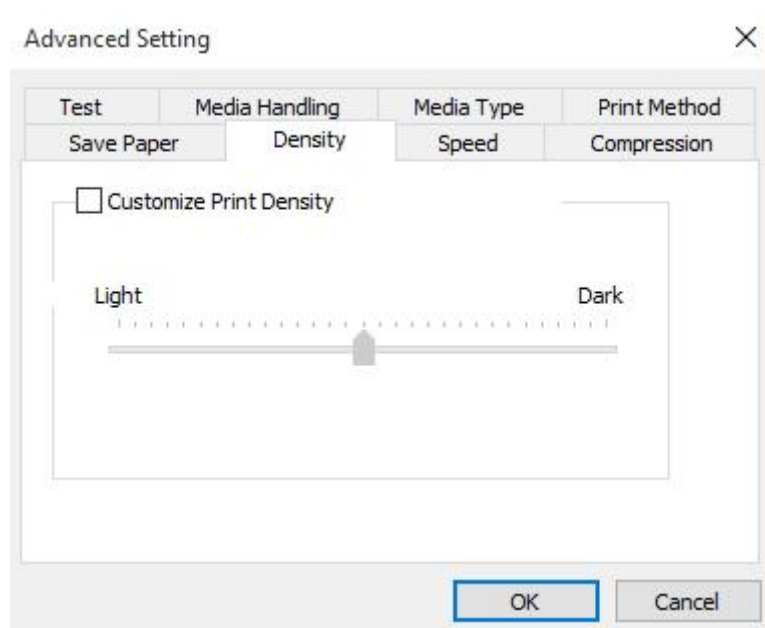


- Click “Advanced” to set “Save Paper”, “Density”, “Speed”, “Compression”, “Test”, “Media Handling”, “Media Type”, and “Print Method”.

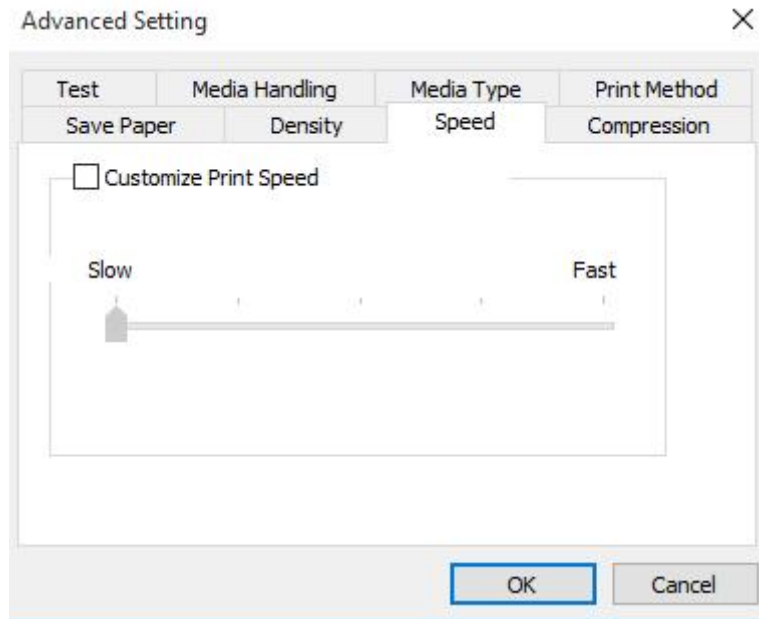
1) Save Paper



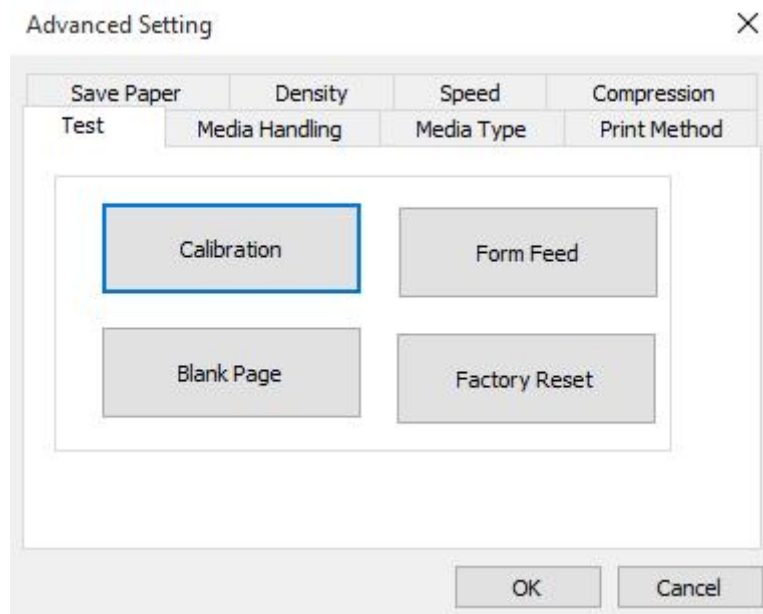
2) Density



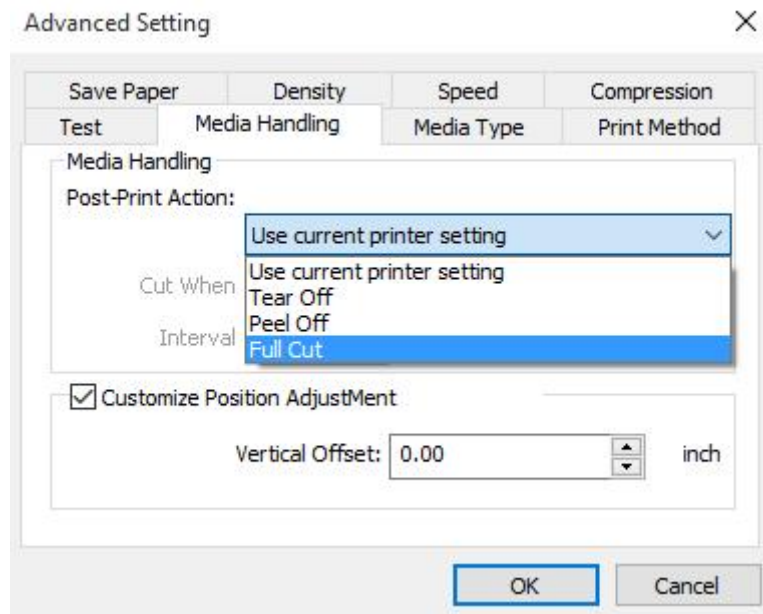
3) Speed



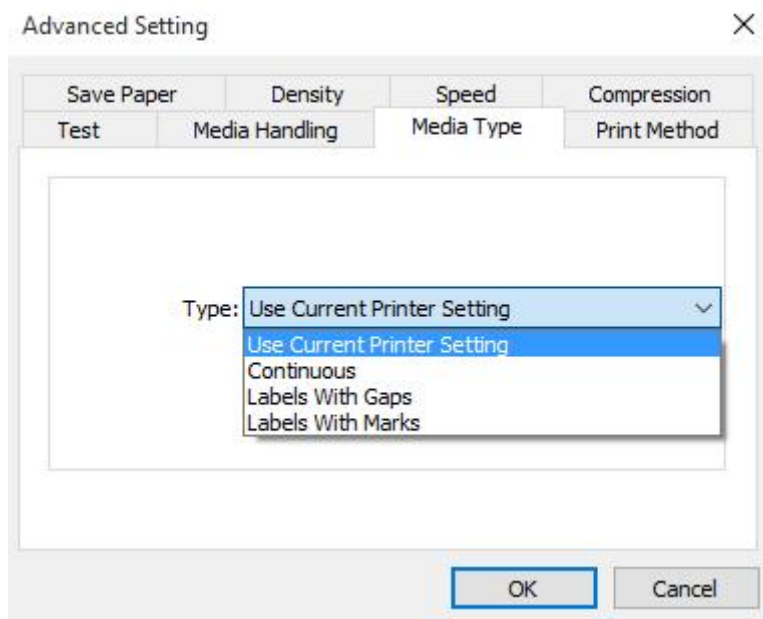
4) Test



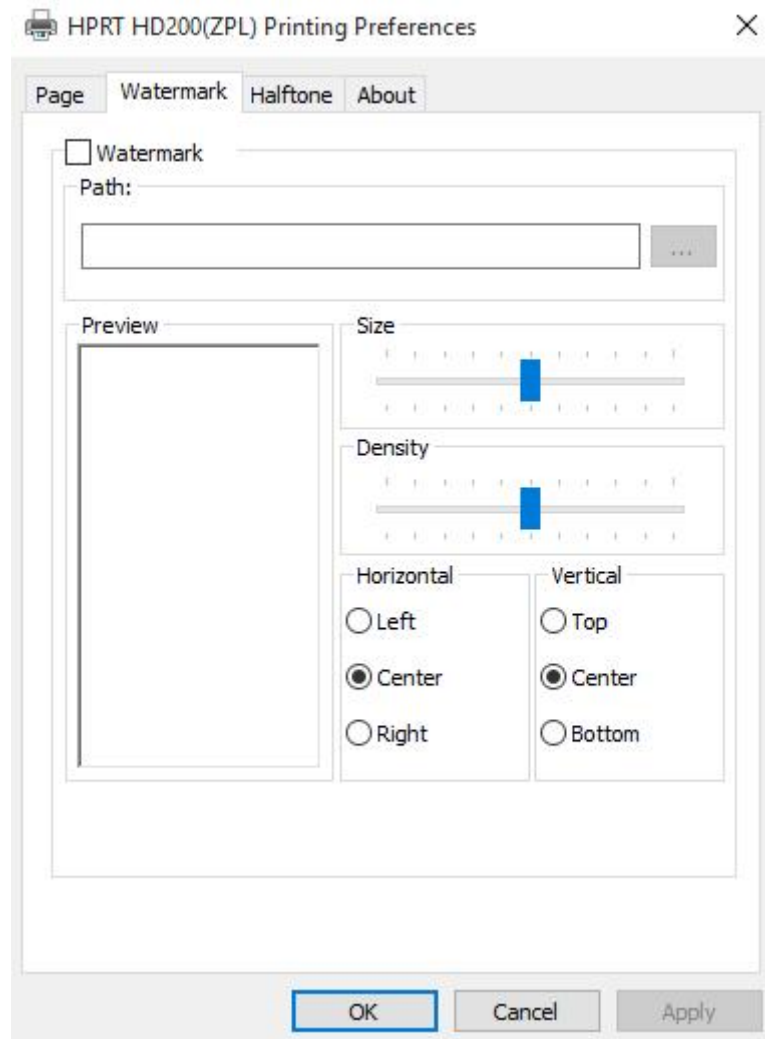
5) Media Handling



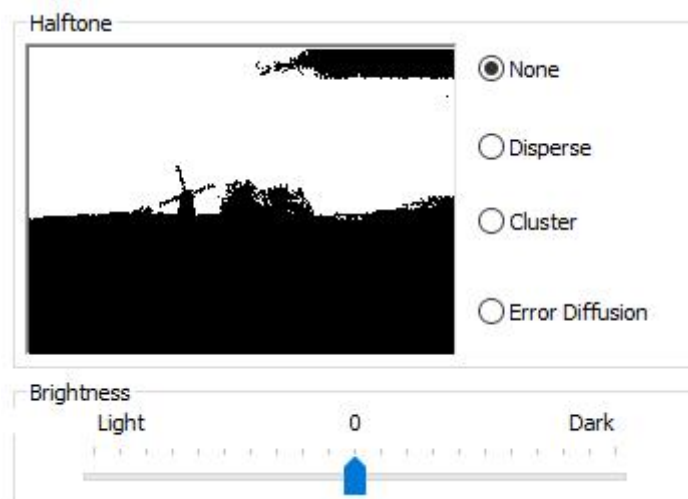
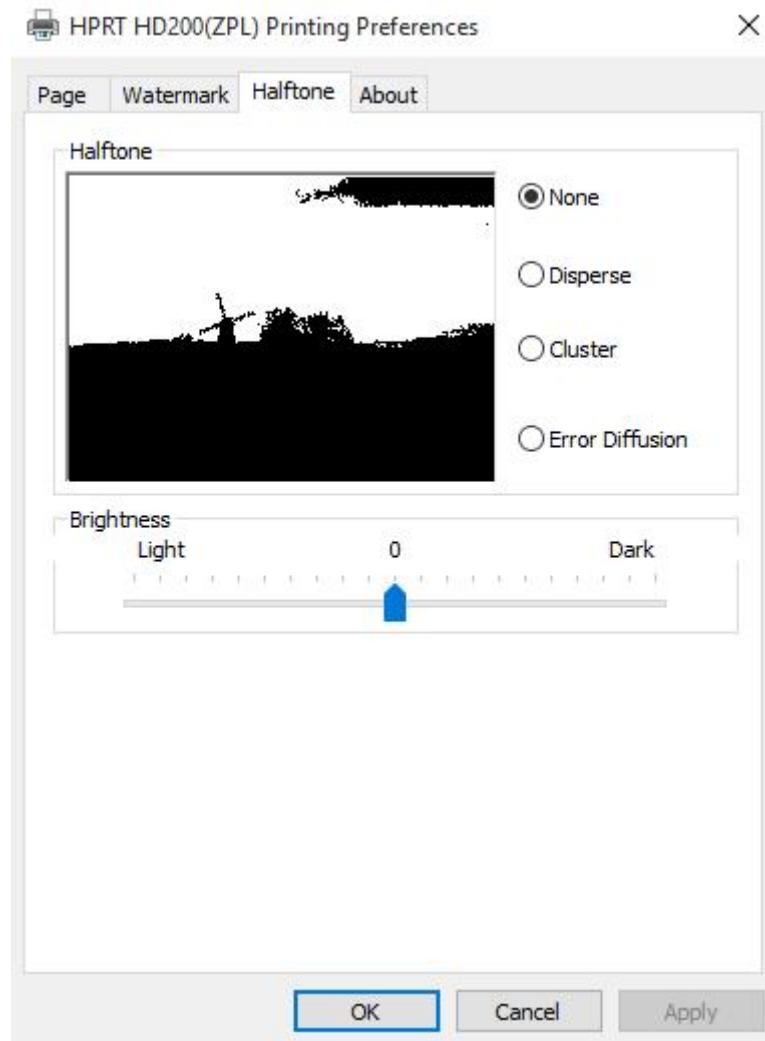
6) Media type



3. Click “Watermark”, it recommends to use BMP format.

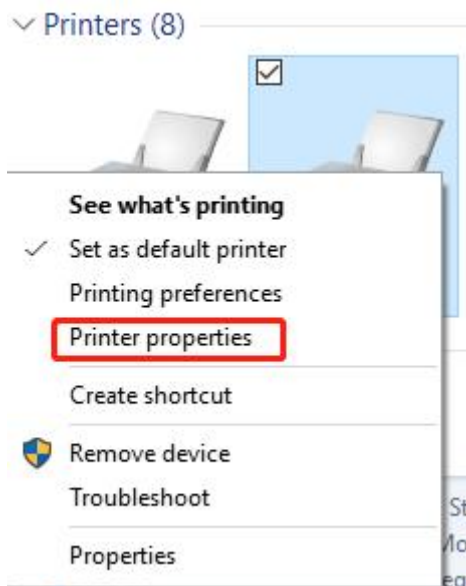


4. Click "Halftone".

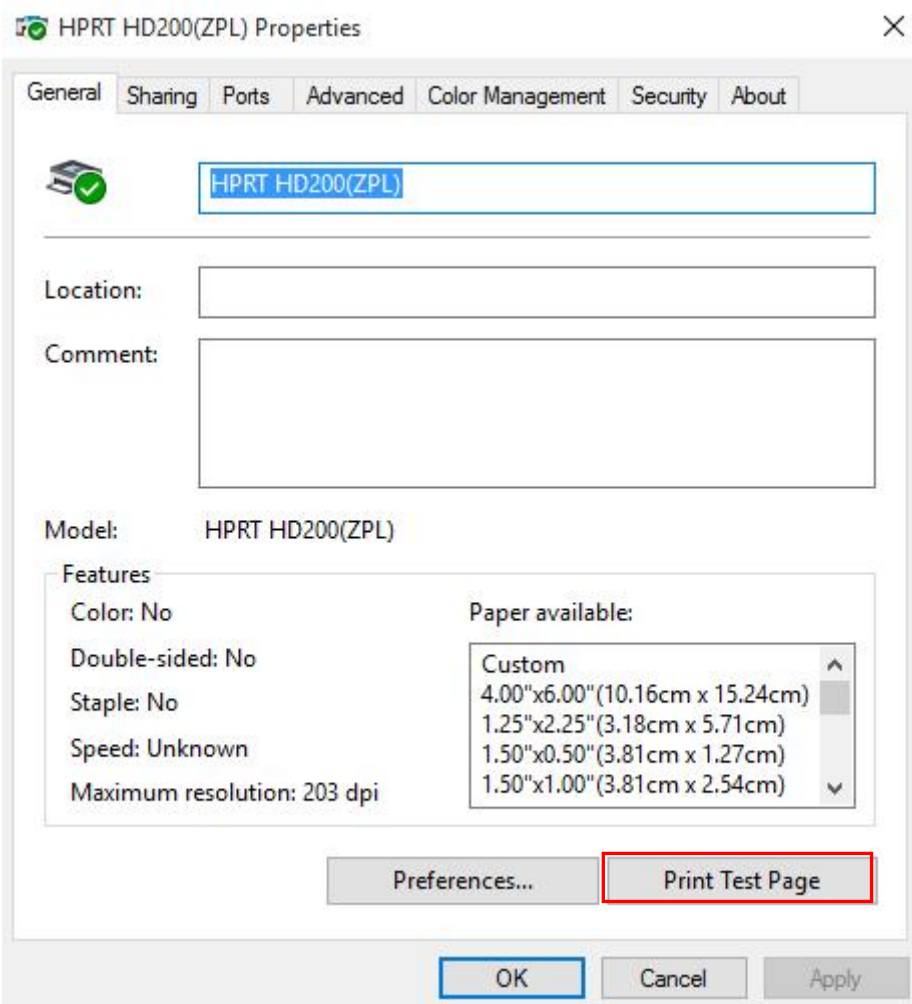


8.4.2 Printer Properties

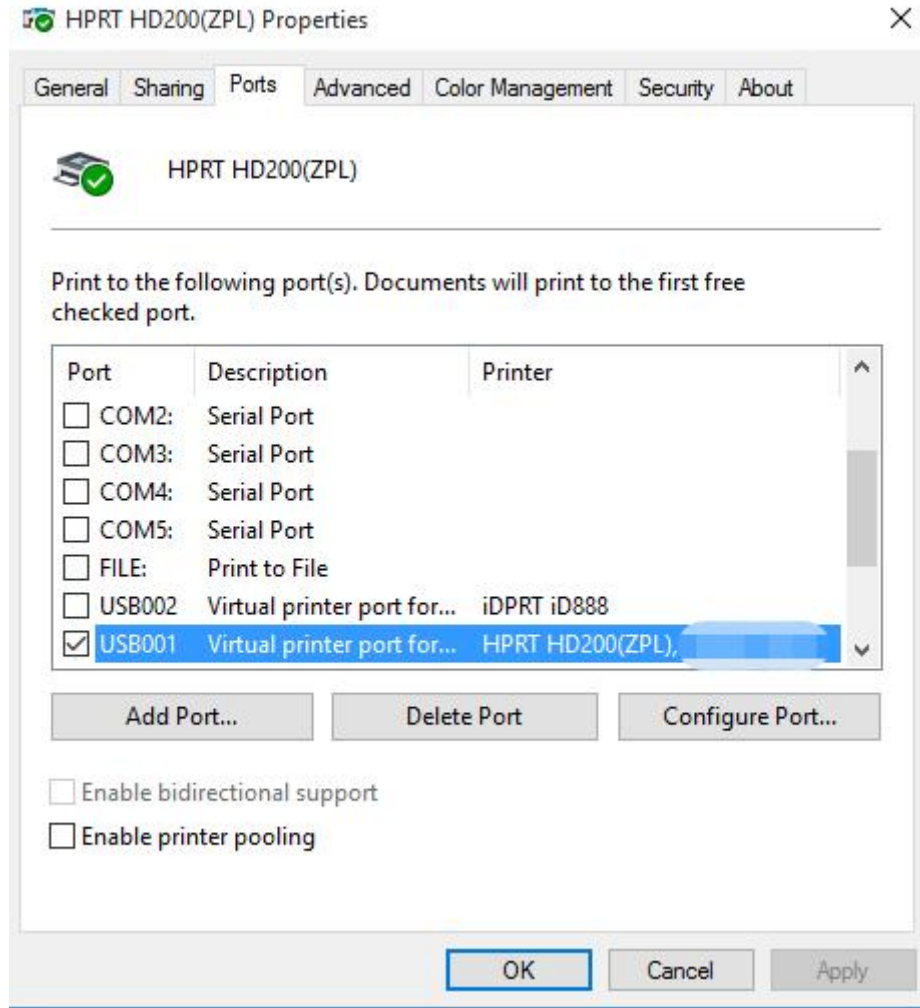
1. Click "Start" → "Settings" → "Devices" → "Devices and Printers". Right click the icon and choose "Printer properties".



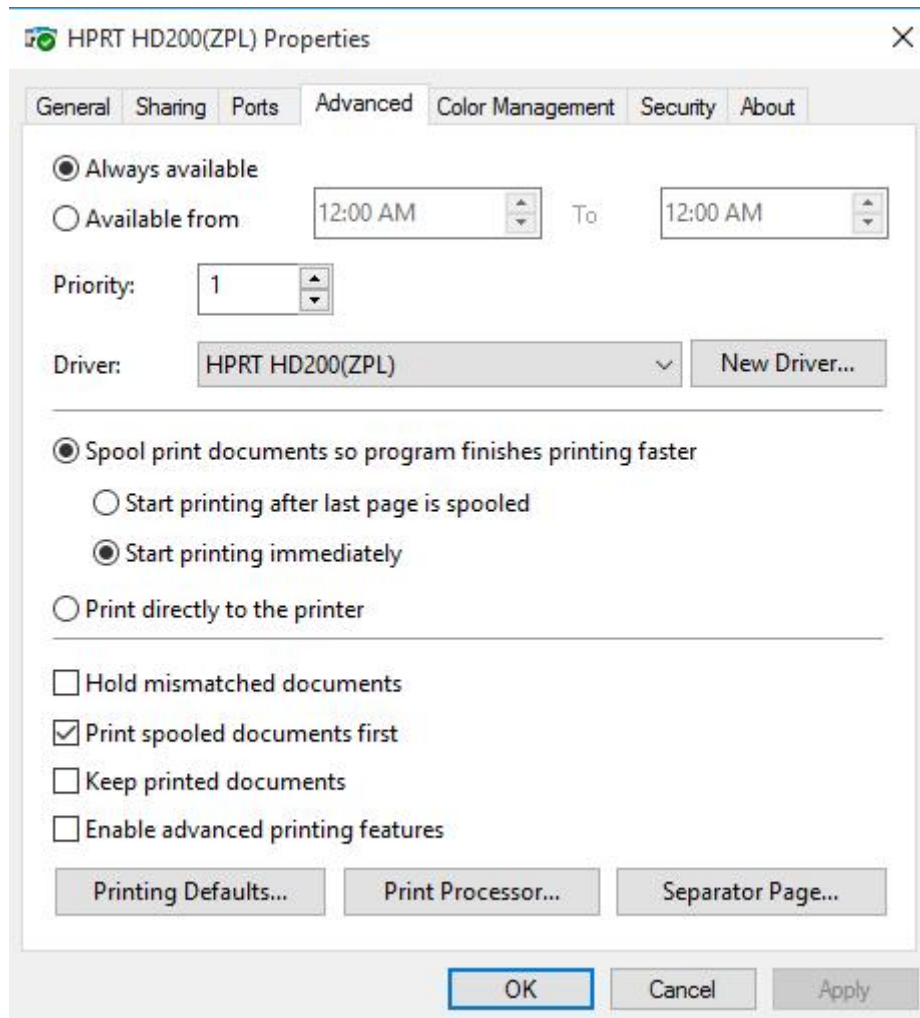
2. Click "General" → "Print Test Page", and the printer will print the current settings.



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



4. Click “Advanced” to set the available time for the printer.



8.5 Removing

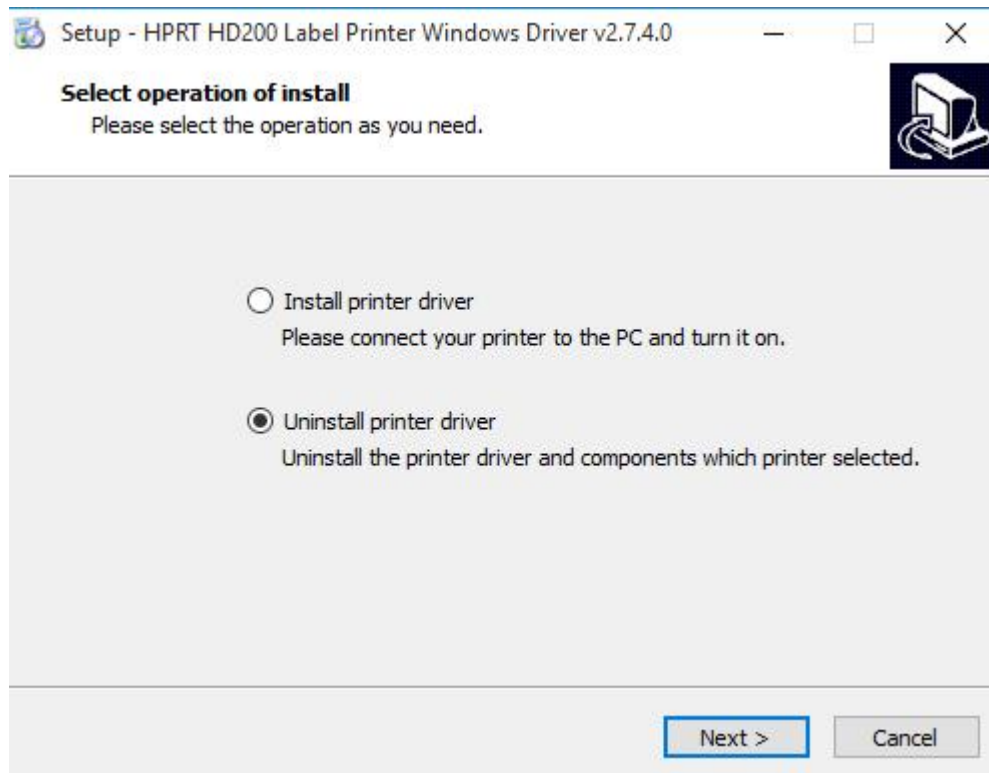


Note: Please turn off the printer or unplug the USB cable before removing the driver.

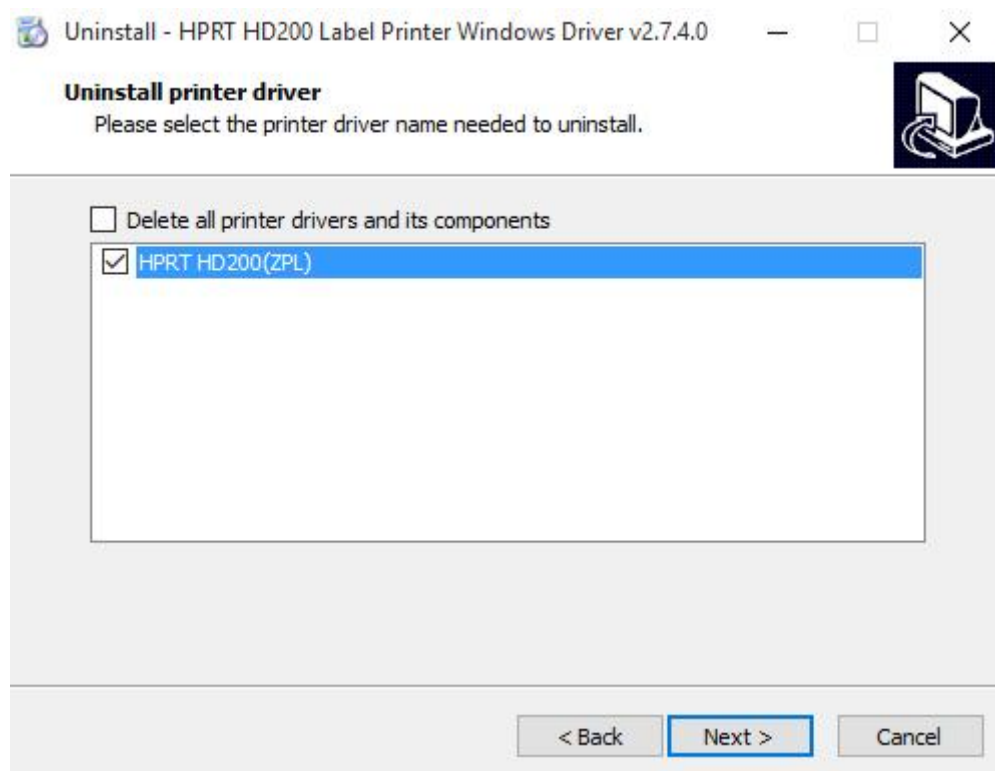
1. Double click Windows Driver.



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



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



9. BarTender Ultralite Instructions

9.1 Introduction

The following operating systems are supported for usage:

- Windows Vista, Windows 8.1, Windows 8, Windows 7, Windows 10
- Windows Server 2016, Server 2012, 2012 R2, Server 2008, 2008 R2
- all 32-bit and 64-bit (x64) editions.

9.2 Installation Preparation

Download BarTender Ultralite application.

9.3 Installation



Note:

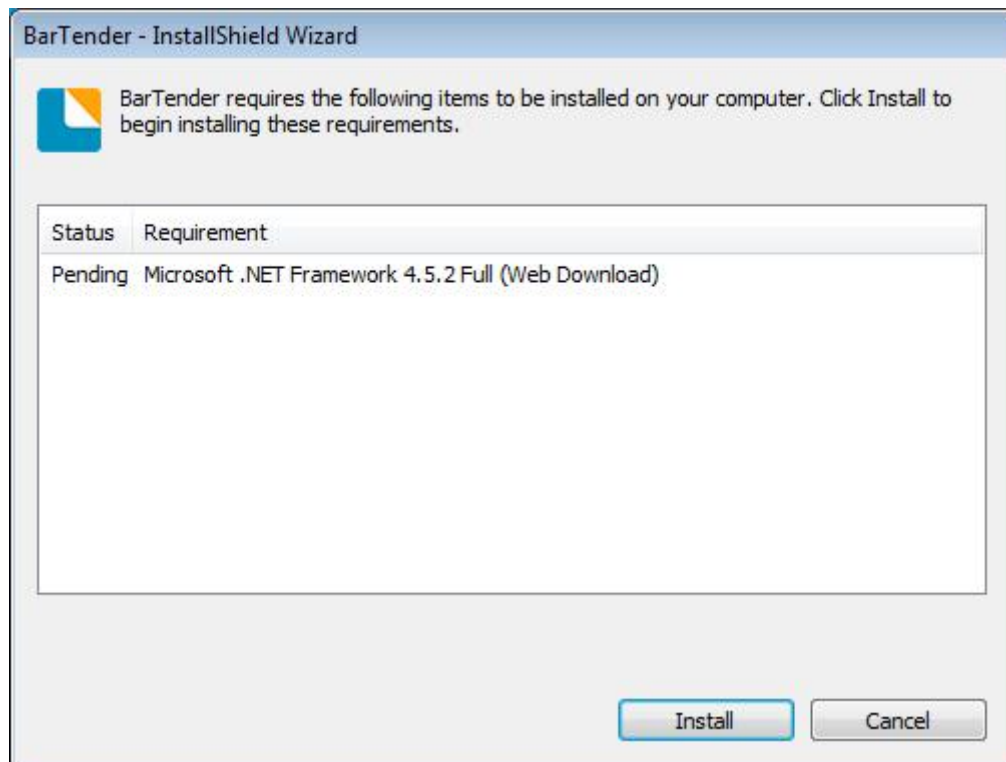
- Under different operating system, the screen has slight difference. The following example is based on the Windows 10 operating system.
- It is recommended to close the relevant security protection software before installation to avoid affecting the installation of the application.



1. Double click the application program .
2. Select language, then click "OK".



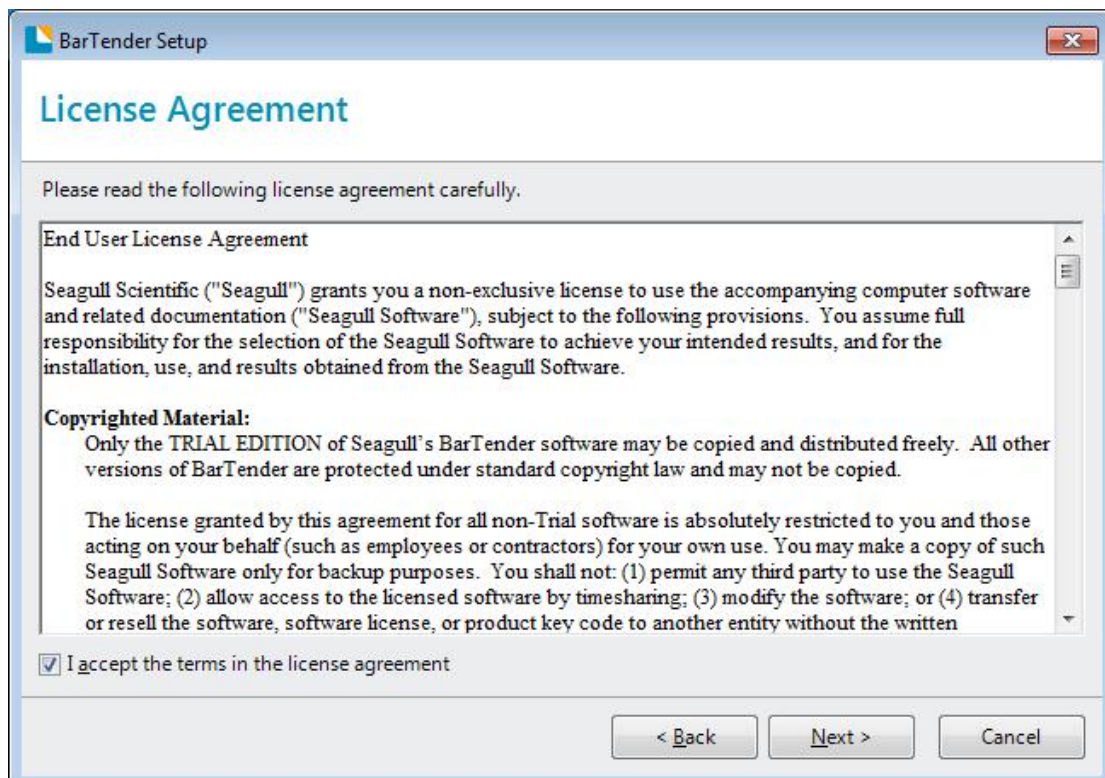
3. Click "Install".



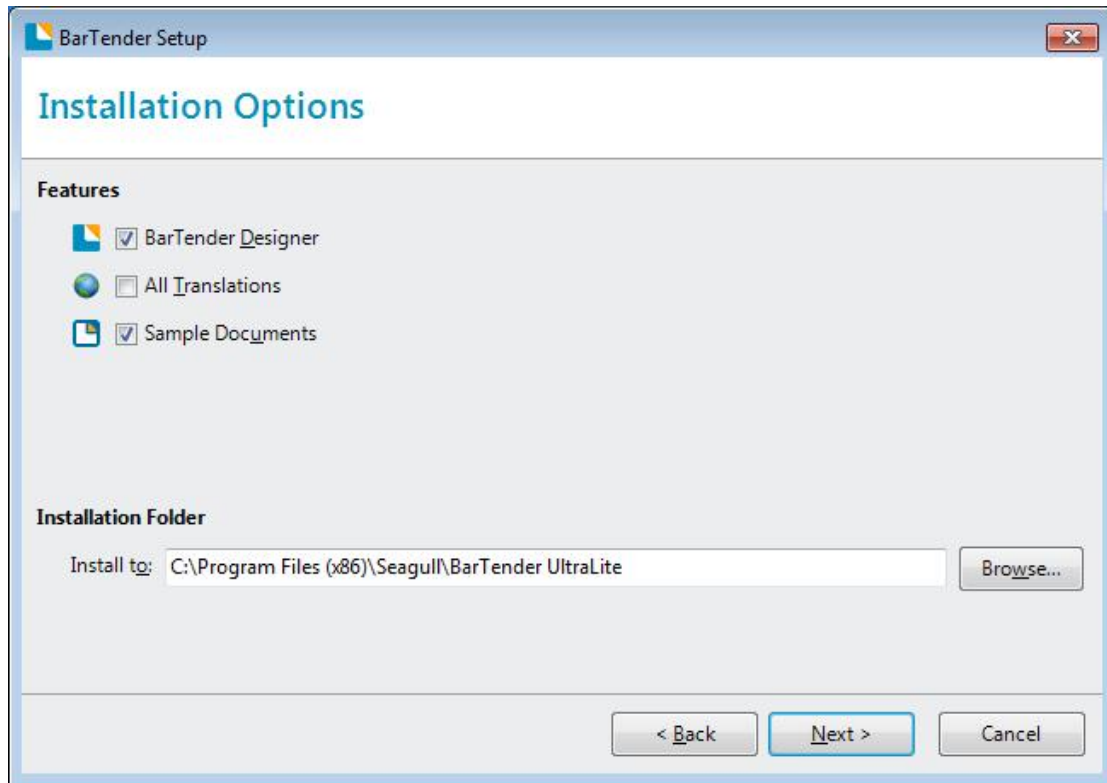
4. Click "Next".



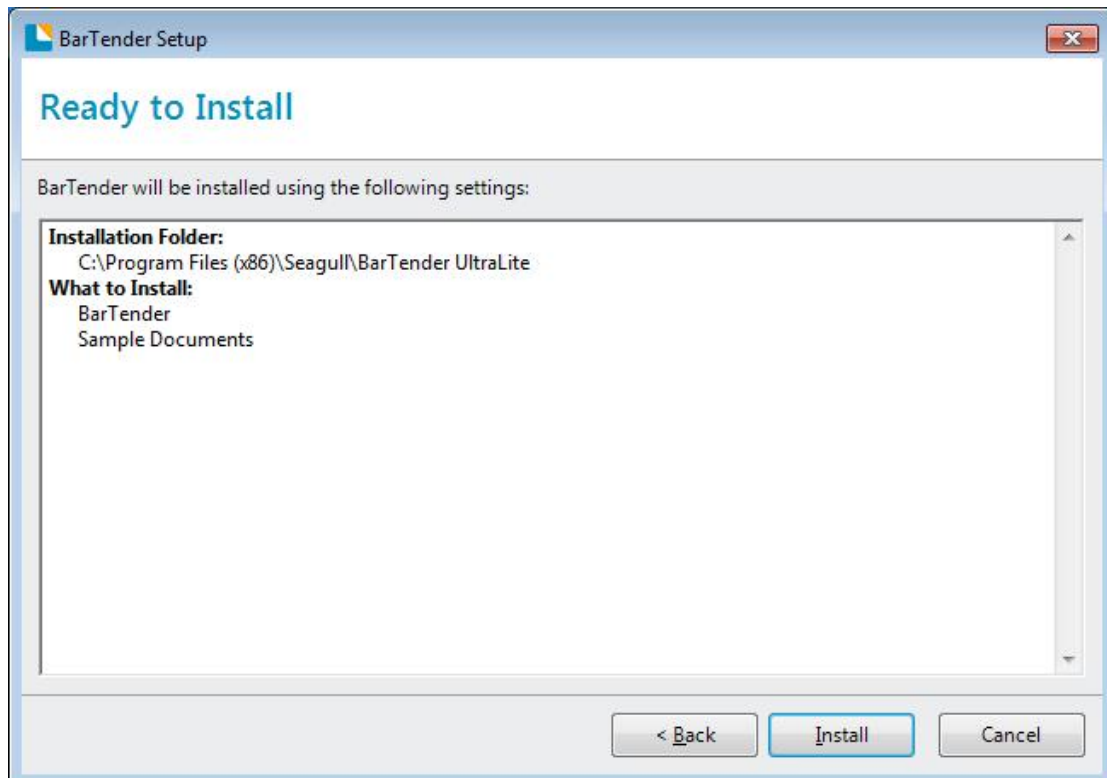
5. Read and accept the license agreement, then click "Next".



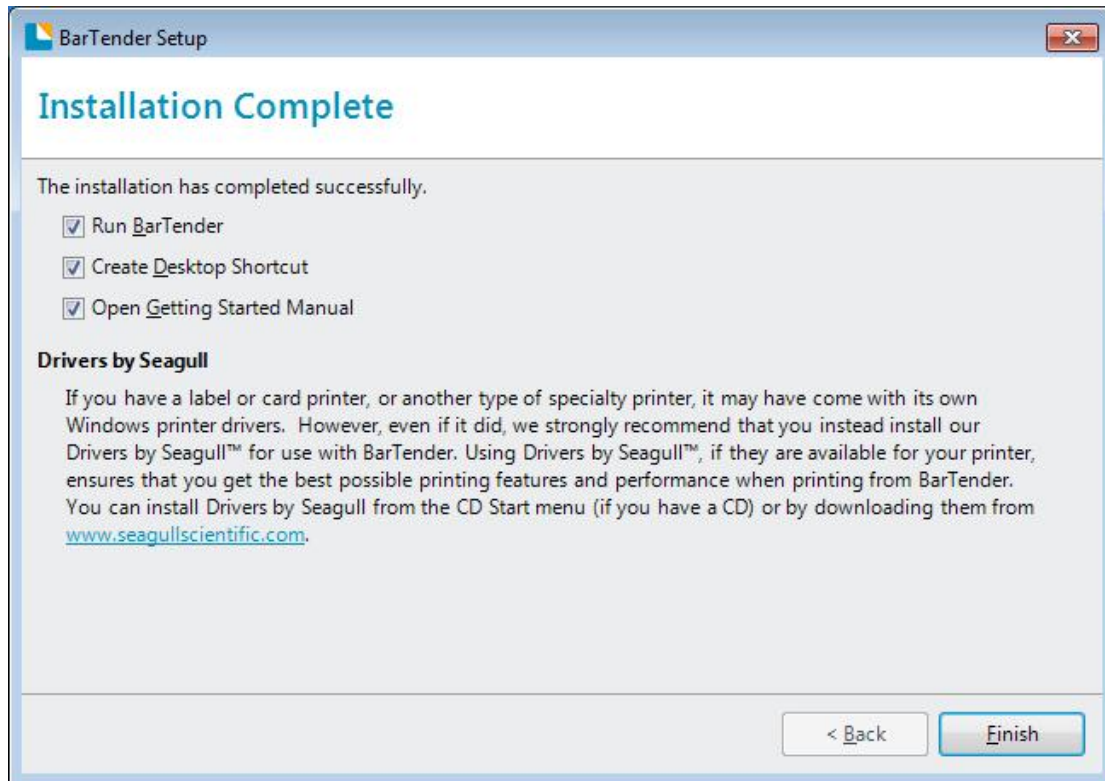
6. Select "Features" and installation location, then click "Next".



7. Click "Install".



8. Click "Finish".



9. Back to desktop, and you will see the icon of BarTender Ultralite. Double click it and get down to use.




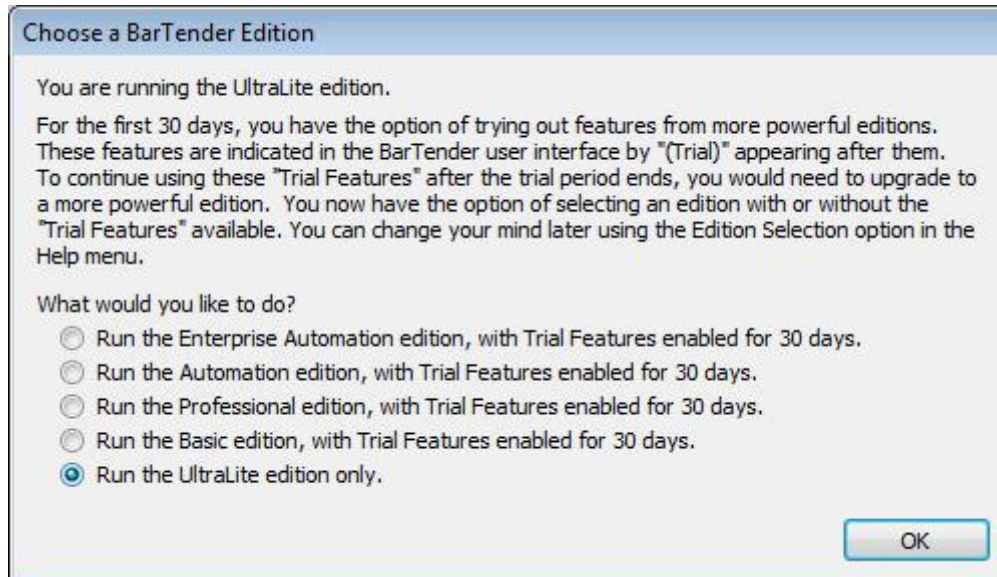
9.4 Usage

After the software is installed, double click to open the software and edit the label.

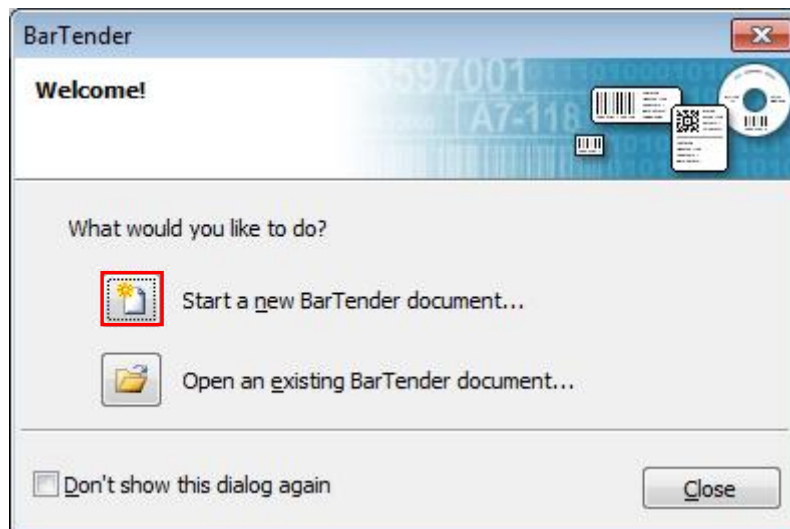
9.4.1 Page Settings



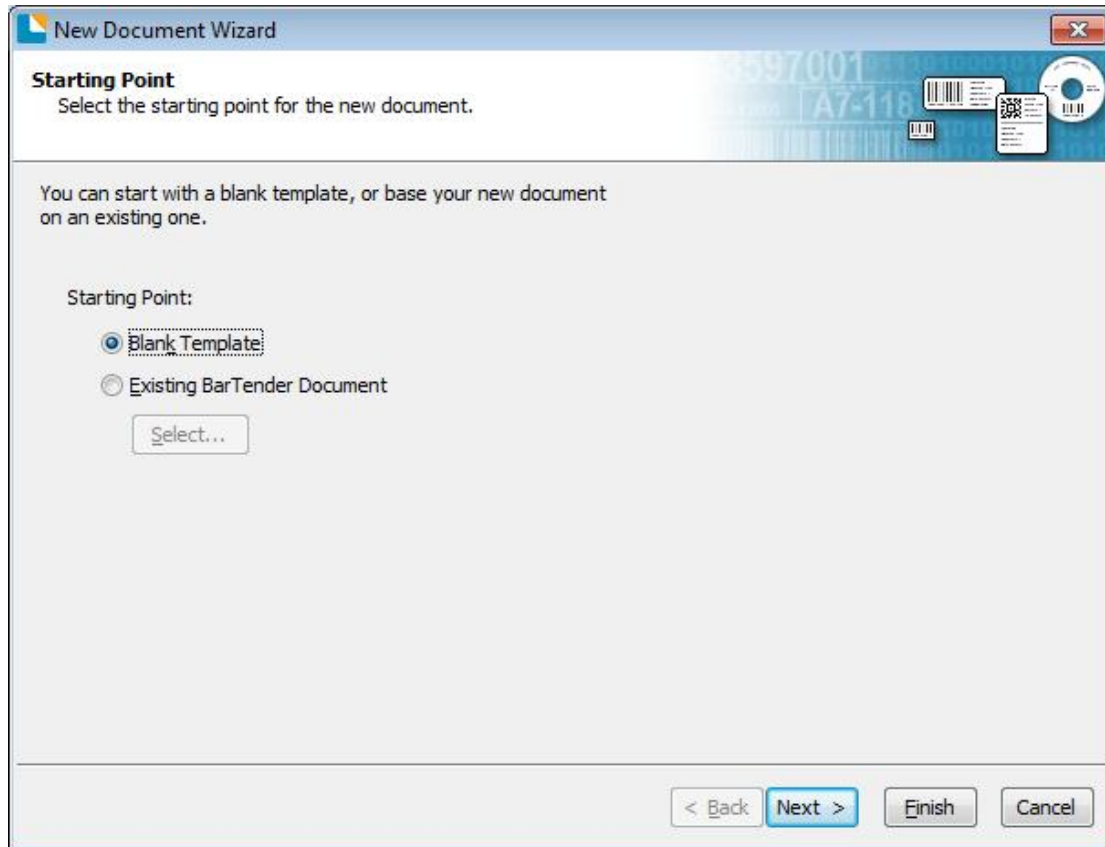
1. Double click the icon , then choose the edition. Click "OK". (The edition may be changed according to different needs.)



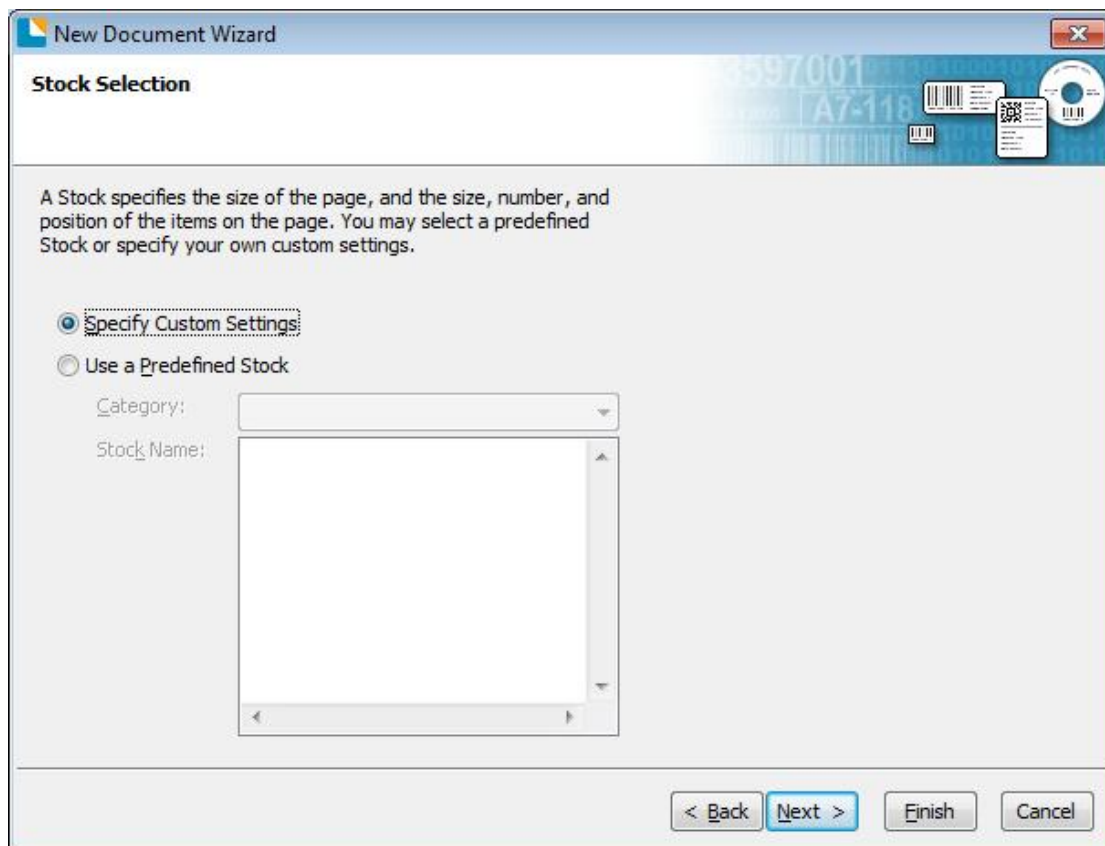
2. Click "Start a new BarTender document".



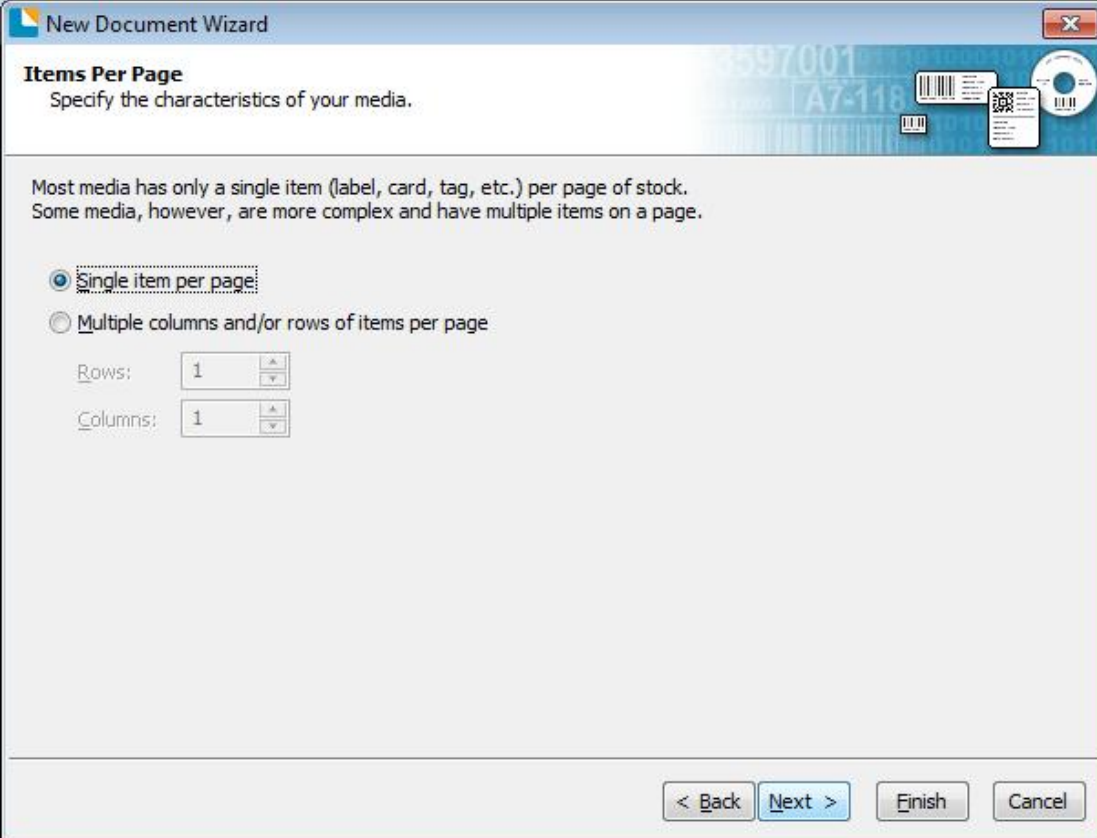
3. Choose “Blank Template”, then click “Next”.



4. If the predefined stocks don't meet your need, tick “Specify Custom Settings”. Then click “Next”. Click “Next”.

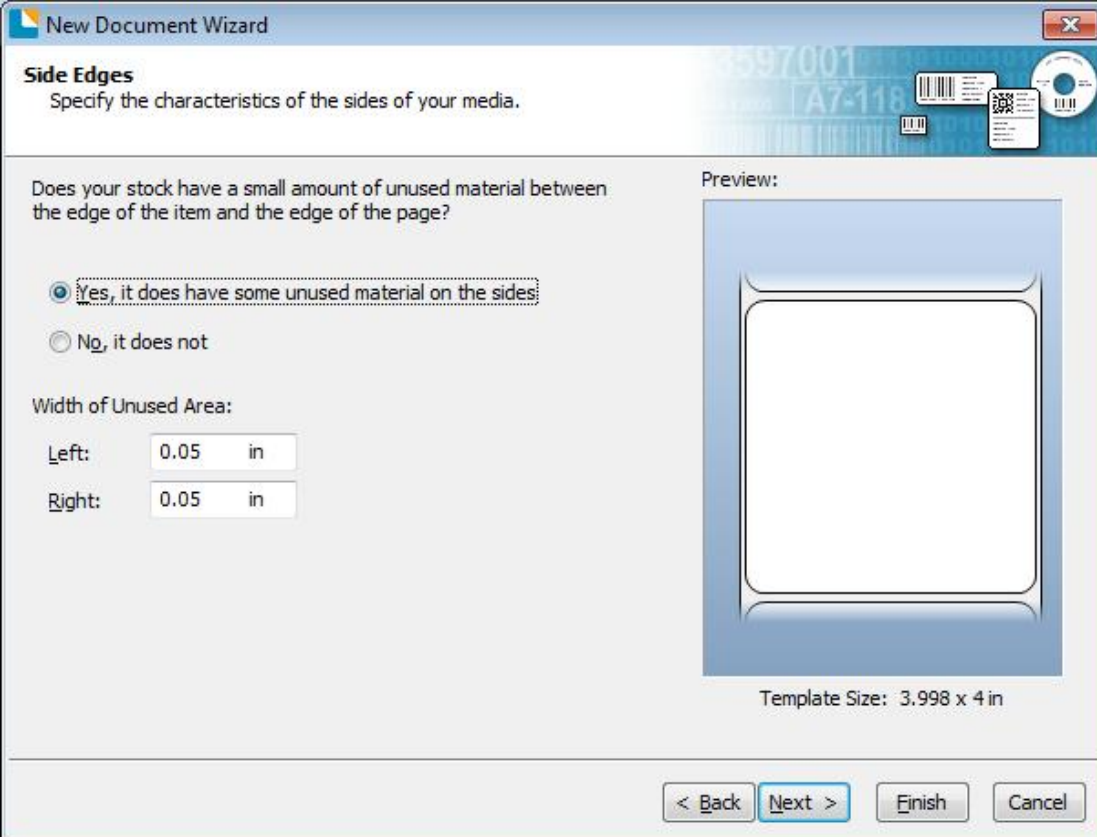


5. Tick “Single item per page”, then click “Next”. (If you print multiple labels, tick “Multiple columns and/or rows of items per page”.)



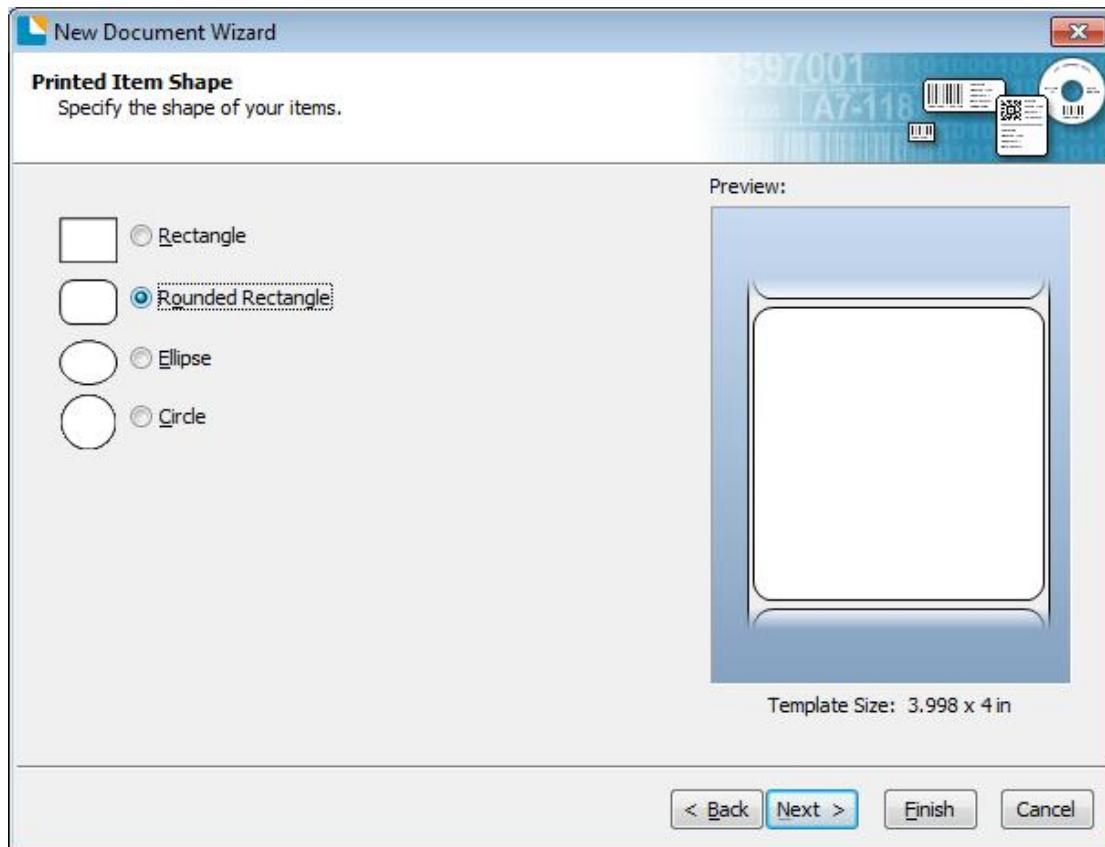
The screenshot shows the 'New Document Wizard' window, specifically the 'Items Per Page' step. The title bar reads 'New Document Wizard'. Below the title bar, the section is 'Items Per Page' with the instruction 'Specify the characteristics of your media.' To the right, there is a preview area showing a sample of media with a barcode, the number '3597001', and 'A7-118'. The main area contains the text: 'Most media has only a single item (label, card, tag, etc.) per page of stock. Some media, however, are more complex and have multiple items on a page.' There are two radio button options: 'Single item per page:' (which is selected) and 'Multiple columns and/or rows of items per page'. Below these are two spin boxes: 'Rows:' set to '1' and 'Columns:' set to '1'. At the bottom right, there are four buttons: '< Back', 'Next >', 'Finish', and 'Cancel'.

6. Edit the side edges, then click “Next”.

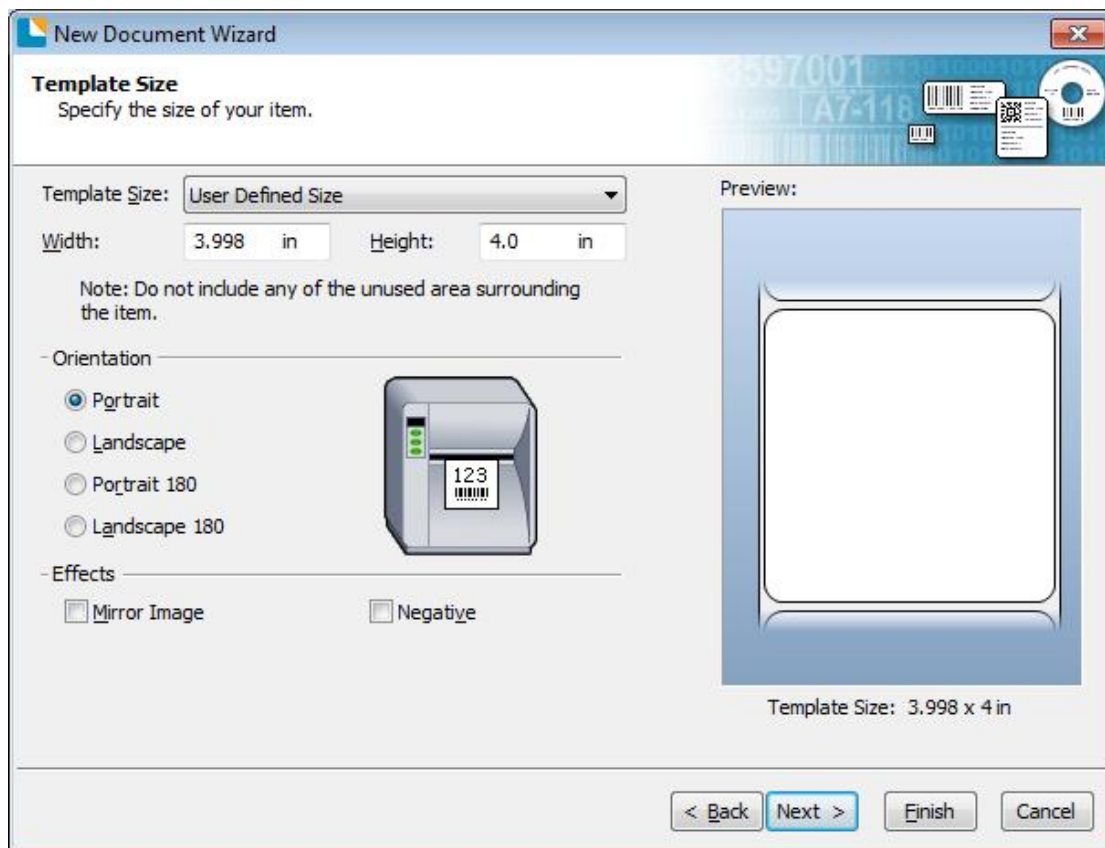


The screenshot shows the 'New Document Wizard' window, specifically the 'Side Edges' step. The title bar reads 'New Document Wizard'. Below the title bar, the section is 'Side Edges' with the instruction 'Specify the characteristics of the sides of your media.' To the right, there is a preview area showing a sample of media with a barcode, the number '3597001', and 'A7-118'. The main area contains the text: 'Does your stock have a small amount of unused material between the edge of the item and the edge of the page?'. There are two radio button options: 'Yes, it does have some unused material on the sides:' (which is selected) and 'No, it does not'. Below these is a section 'Width of Unused Area:' with two spin boxes: 'Left:' set to '0.05 in' and 'Right:' set to '0.05 in'. To the right of the text is a 'Preview:' area showing a diagram of a rectangular item with rounded corners, surrounded by a larger rectangular frame representing the page edges. Below the preview, it says 'Template Size: 3.998 x 4 in'. At the bottom right, there are four buttons: '< Back', 'Next >', 'Finish', and 'Cancel'.

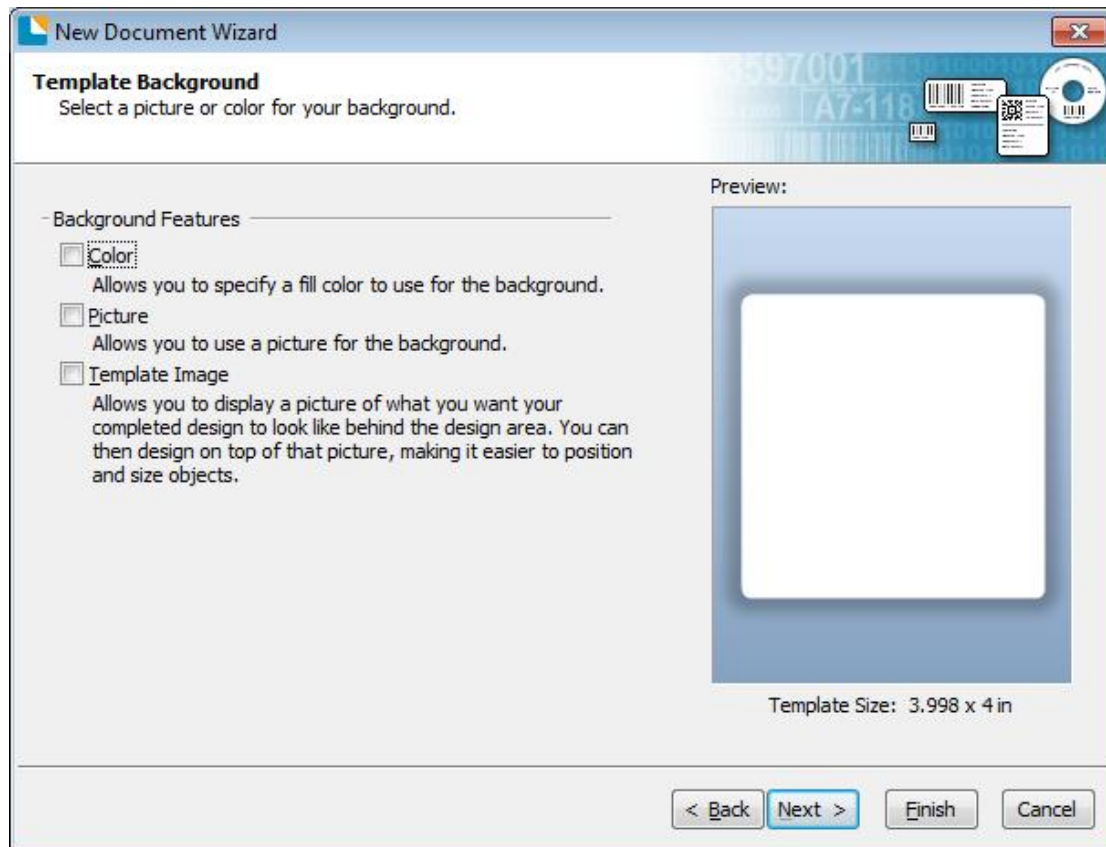
7. Choose the item shape, then click “Next”.



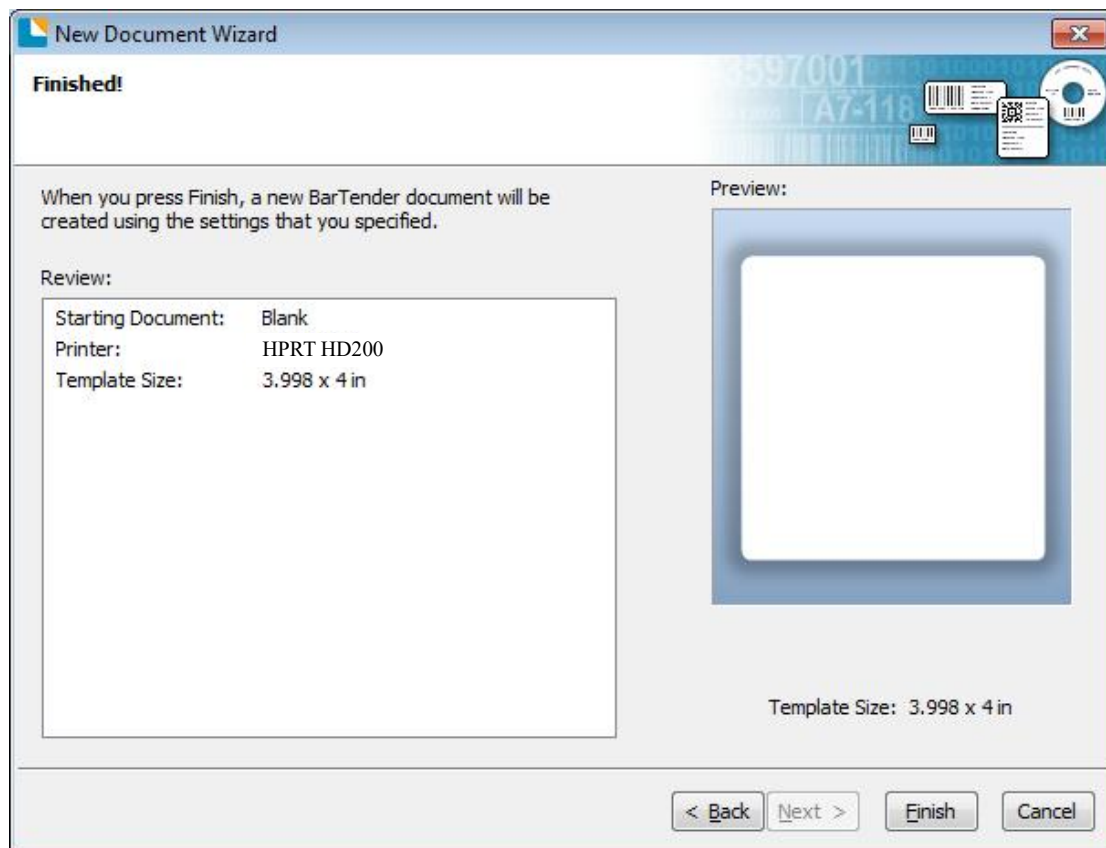
8. Edit the template size, then click “Next”. Click “Next”.




9. Based on your need, edit the template background. Then click “Next”.



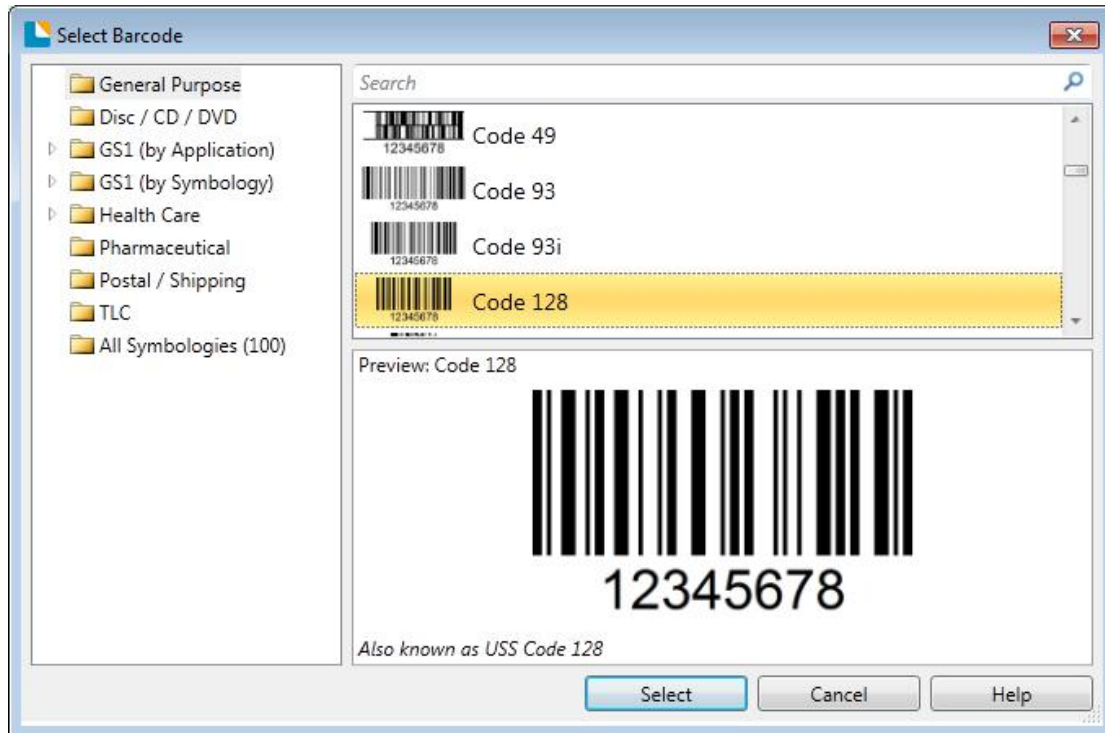
10. Finish the settings, showed in the “Review” and “Preview”. Then click “Finish”. Click "Finish".



9.4.2 Label Edit

1. Click the icon of code .

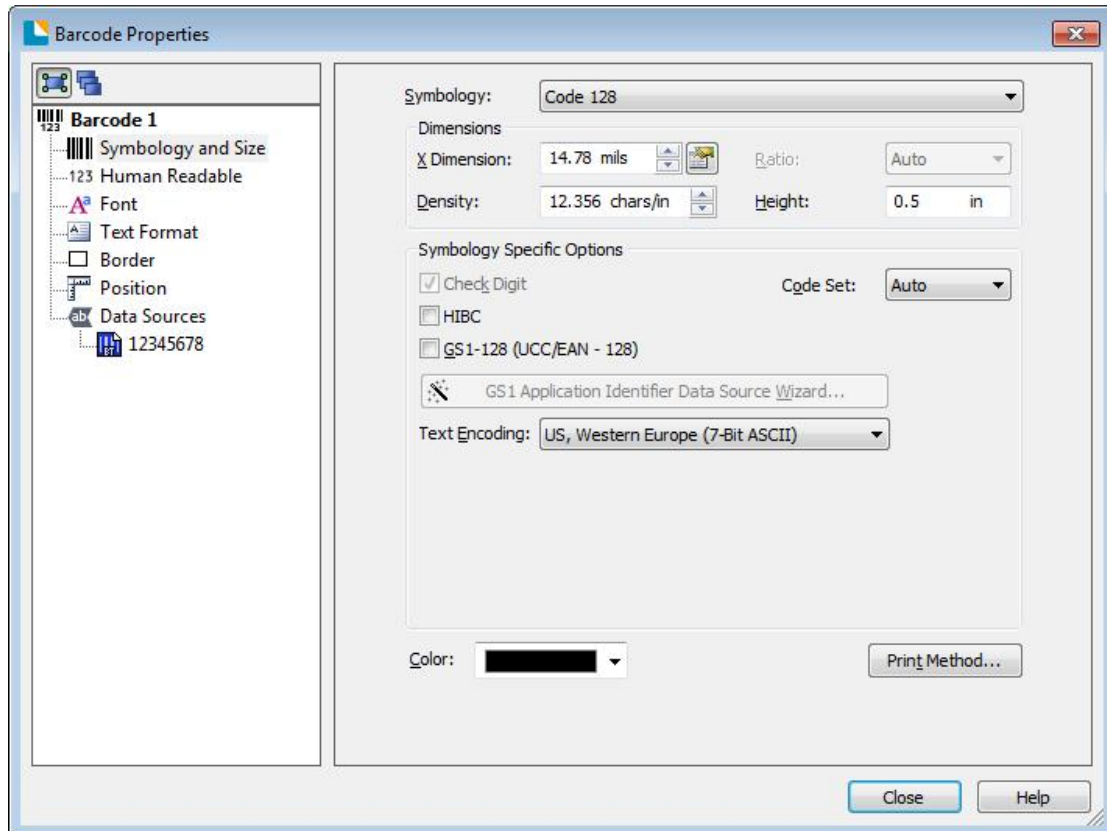
2. Choose the code, then click “Select”.



3. Click the blank, showing the code.



4. Double click the code and edit it. User can set up the size, font, border and so on.




After completing the settings, click "Close".

5. Click the icon of character , then enter the text.

6. Left click on the blank page, enter the desired text, and set the text format in the status bar.



7. Click the icon of picture , then edit the pictures. Left click on the blank page to display the inserted image.

8. Adjust the image size through borders.



9. Move the object and typeset the edited label.



8. Finish all the settings. Click "Print" and a new label will be printed.