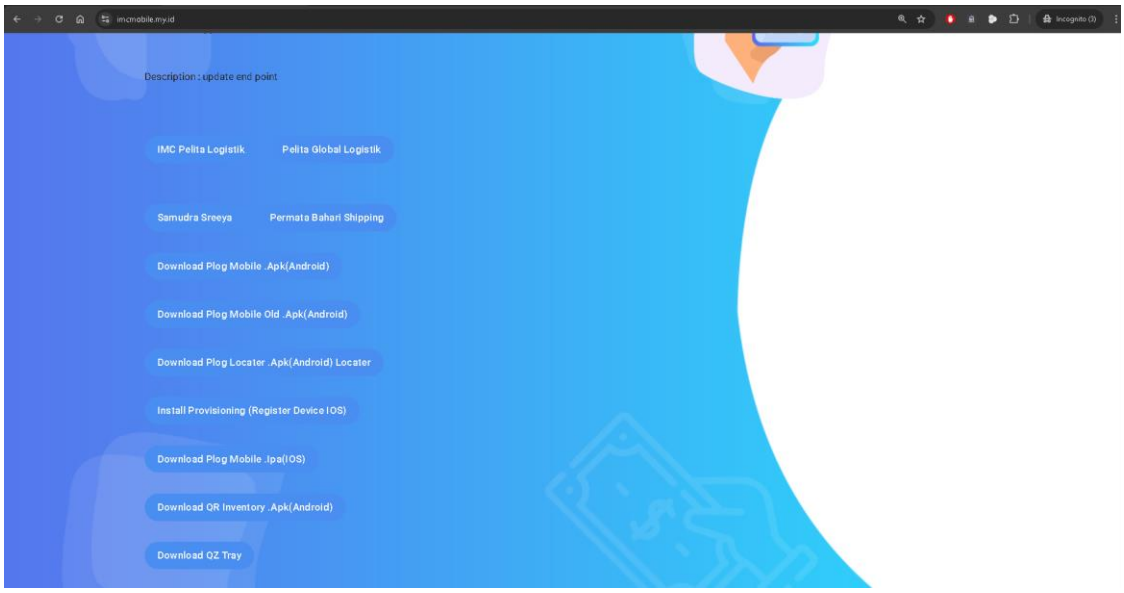
DOKUMENTASI SETUP PRINTER

1. Driver Plugin Printer QR Inventory Application

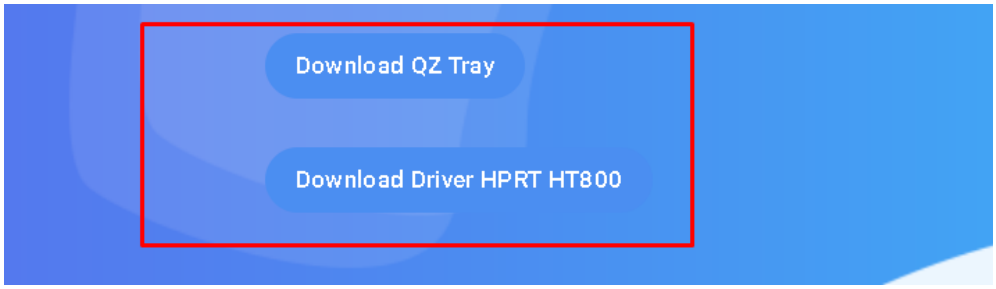
Untuk driver printer dapat di download di link sebagai berikut : https://imcmobile.my.id

Berikut step nya :

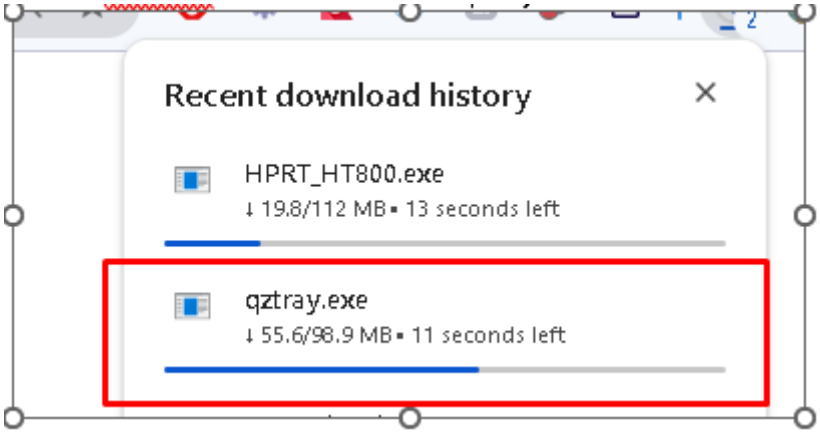
- Buka browser chrome / Etc,
- Lalu tuliskan https://imcmobile.my.id pada url



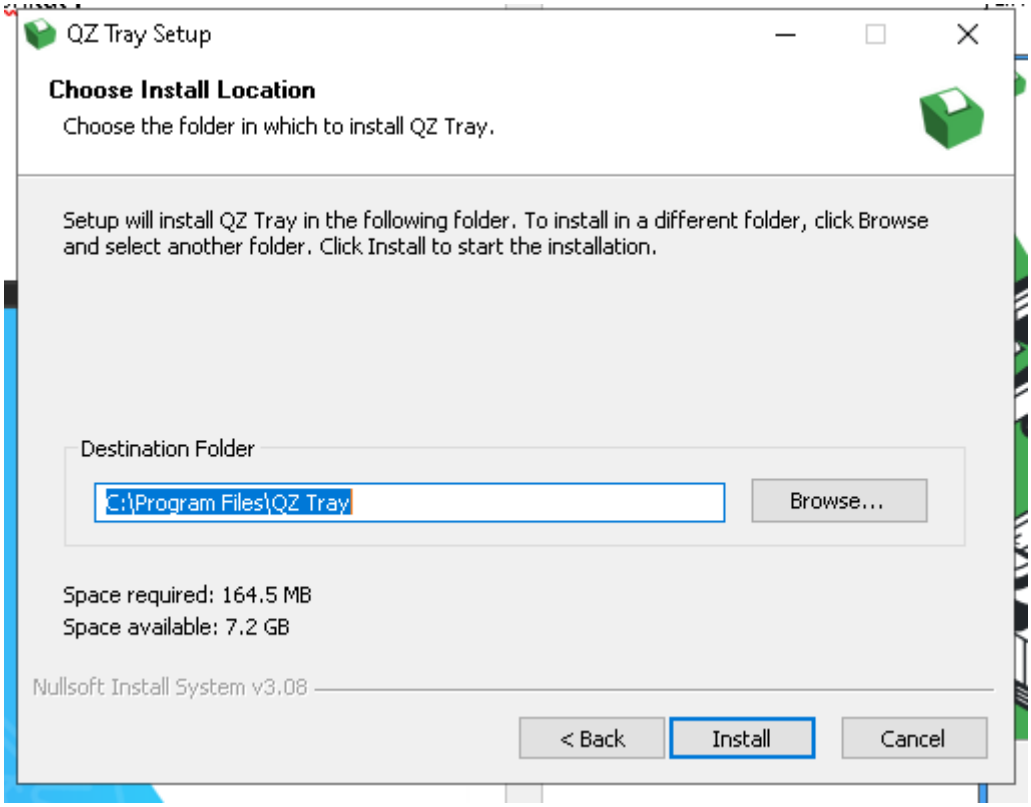
- Untuk mendownload printer dan plugin printer dapat mengklik tombol download qztray & download driver hprt ht800

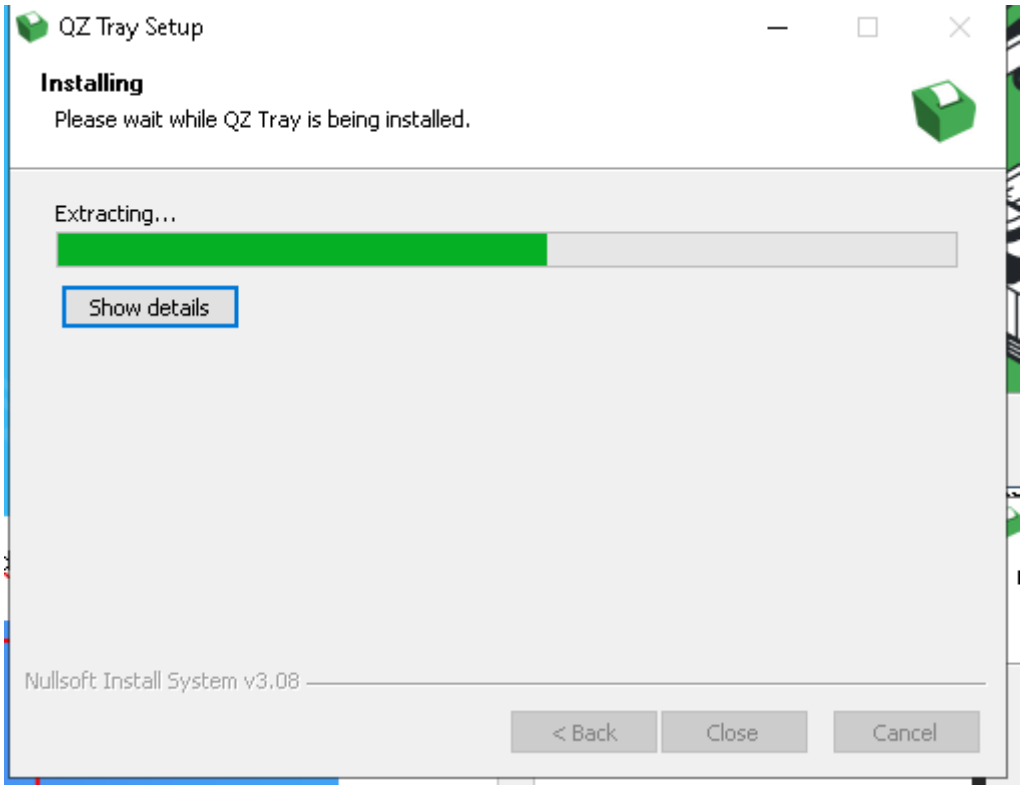


- Pertama install untuk driver qztray

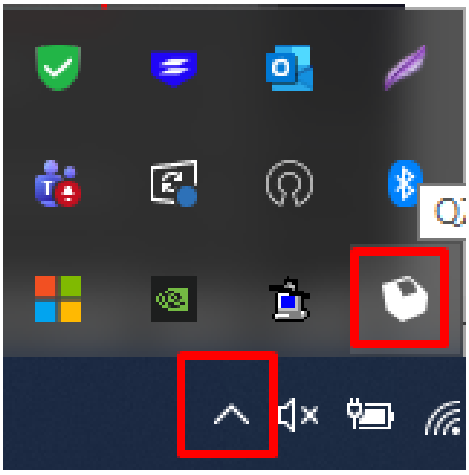


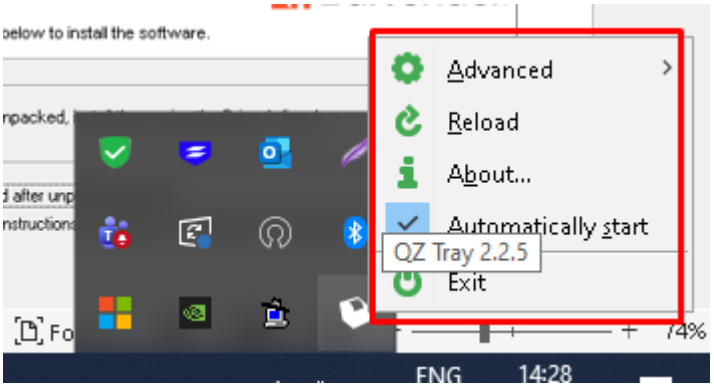
- Kemudia klik hasil downloadan tersebut. Jika setelah di klik meminta user dan password admin untuk menginstal driver , bisa kontak ke mas **dhani dan mas dwi** untuk dimasukan password dan username dari device yang akan di install.



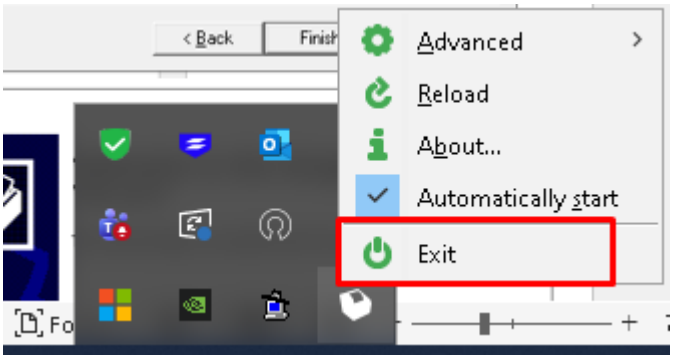


- Jika sudah maka akan ke close dengan sendirinya.
- Untuk memastikan third party driver telah jalan dapat dilakukan seperti gambar dibawah :

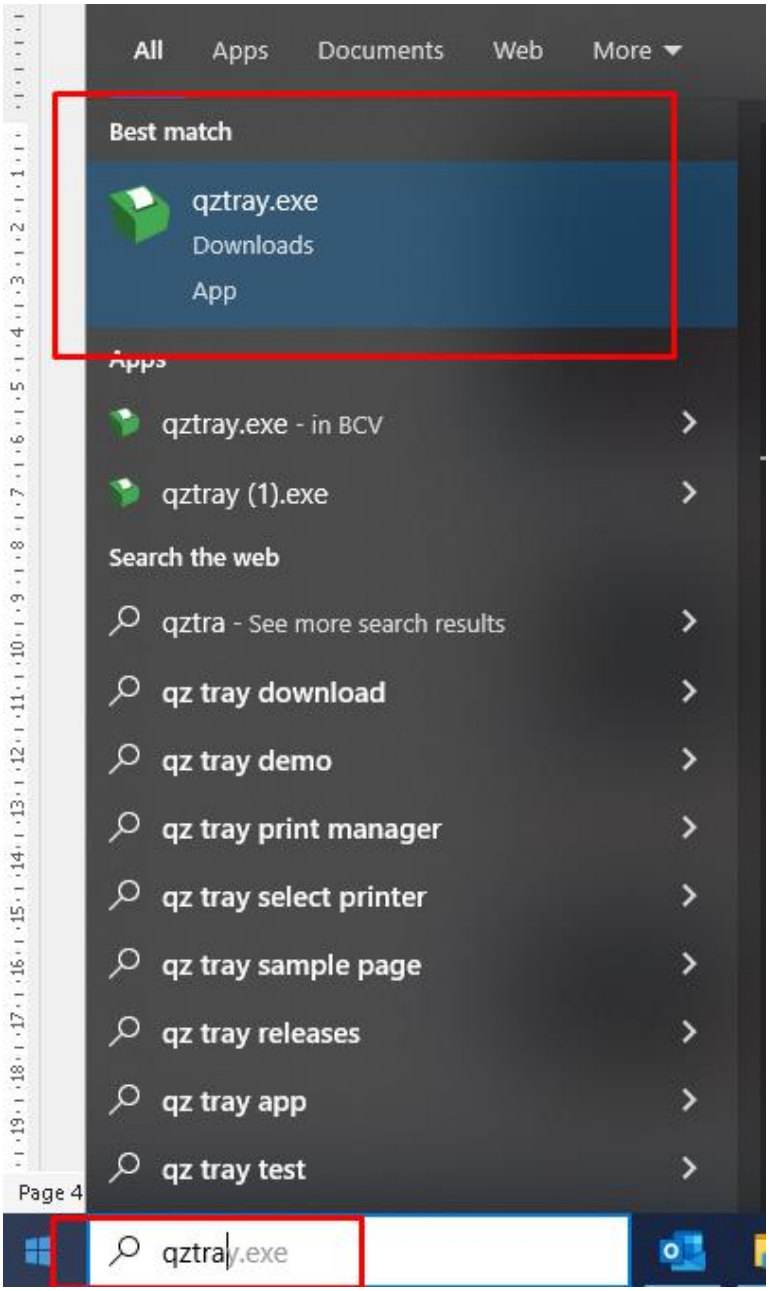




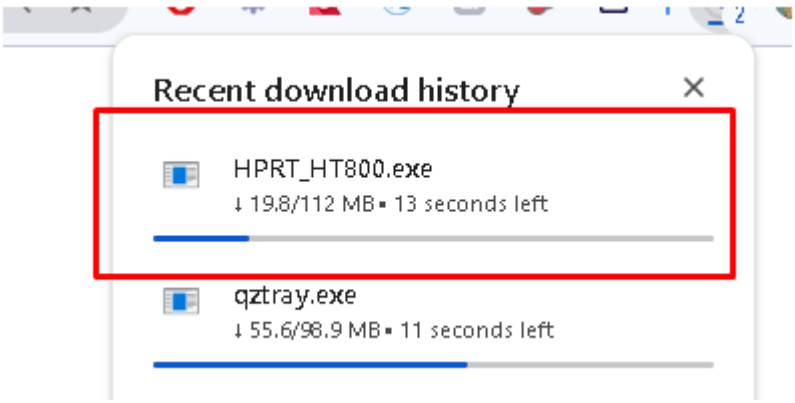
Bugs: Jika terjadi pergantiaan kertas ataupun pembaruan driver maka dapat di klik exit pada qztray nya

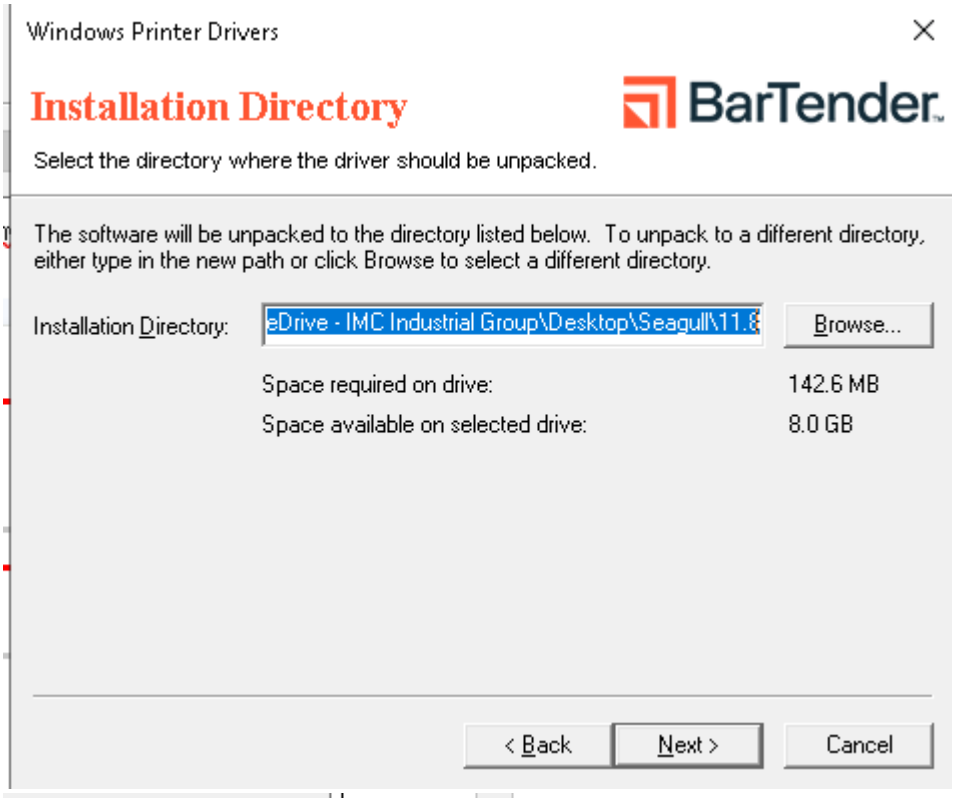


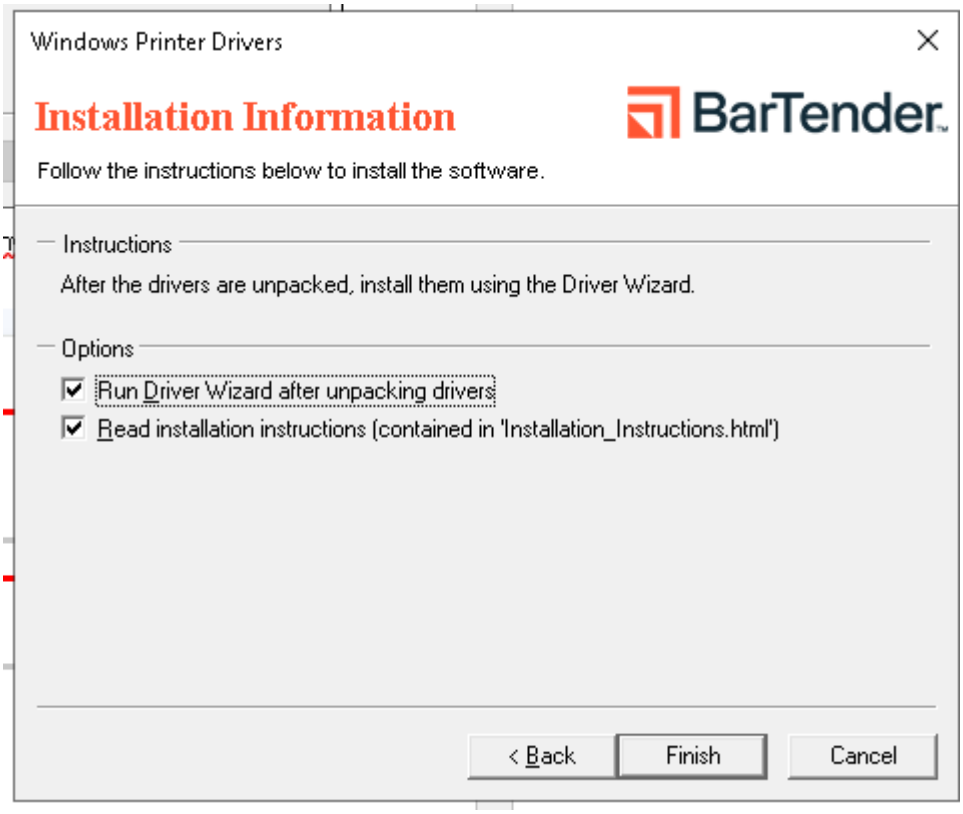
dan dijalannkan kembali :


All
Apps
Documents
Web
More
Best match
qztray.exe
Downloads
App
qztray.exe - in BCV
qztray (1).exe
Search the web
qztra - See more search results
qz tray download
qz tray demo
qz tray print manager
qz tray select printer
qz tray sample page
qz tray releases
qz tray app
qz tray test
Page 4
qztray.exe

2. **Kemudian install untuk driver printer**




Windows Printer Drivers
Installation Directory
BarTender
Select the directory where the driver should be unpacked.
The software will be unpacked to the directory listed below. To unpack to a different directory, either type in the new path or click Browse to select a different directory.
Installation Directory:
eDrive - IMC Industrial Group\Desktop\Seagull\11.8
Browse...
Space required on drive:
142.6 MB
Space available on selected drive:
8.0 GB
< Back
Next >
Cancel


Windows Printer Drivers
Installation Information
BarTender
Follow the instructions below to install the software.
Instructions
After the drivers are unpacked, install them using the Driver Wizard.
Options
Run Driver Wizard after unpacking drivers
Read installation instructions (contained in 'Installation_Instructions.html')
< Back
Finish
Cancel

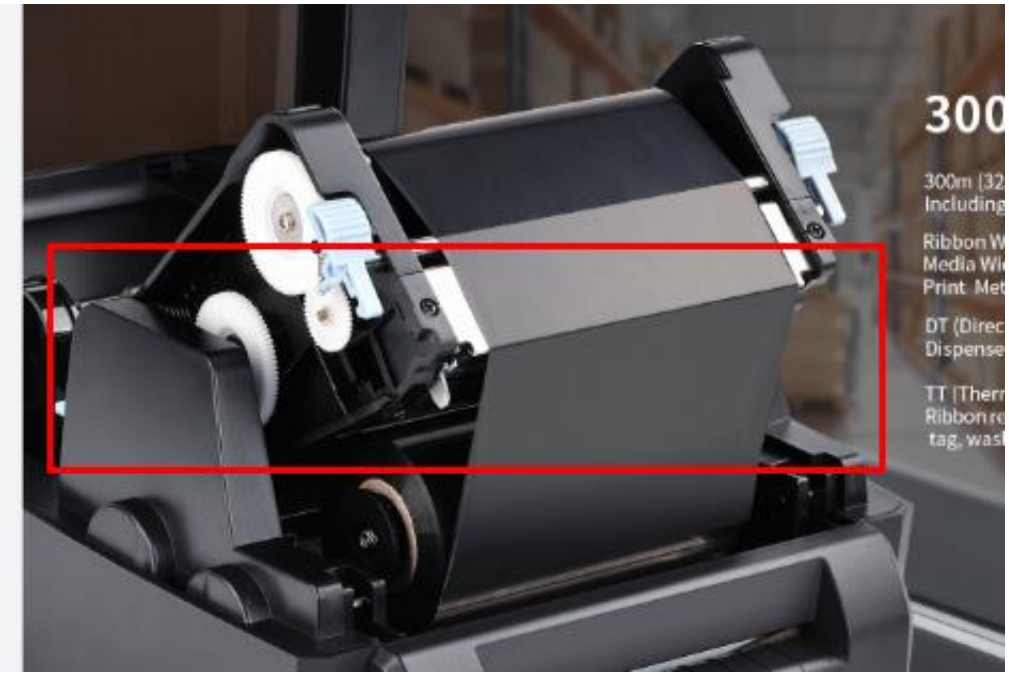
- Pastikan printer sudah konek / di colok dengan device yang diinstall.
- Printer yang sudah menyala di indikasi kan dengan lampu yang berawarna hijau pada status light.

Jika lampur masih berwarna kuning bisa di klik pada ulang tombol power lalu printer akan berbunyi beep dan status light akan berubah berwarna hijau.

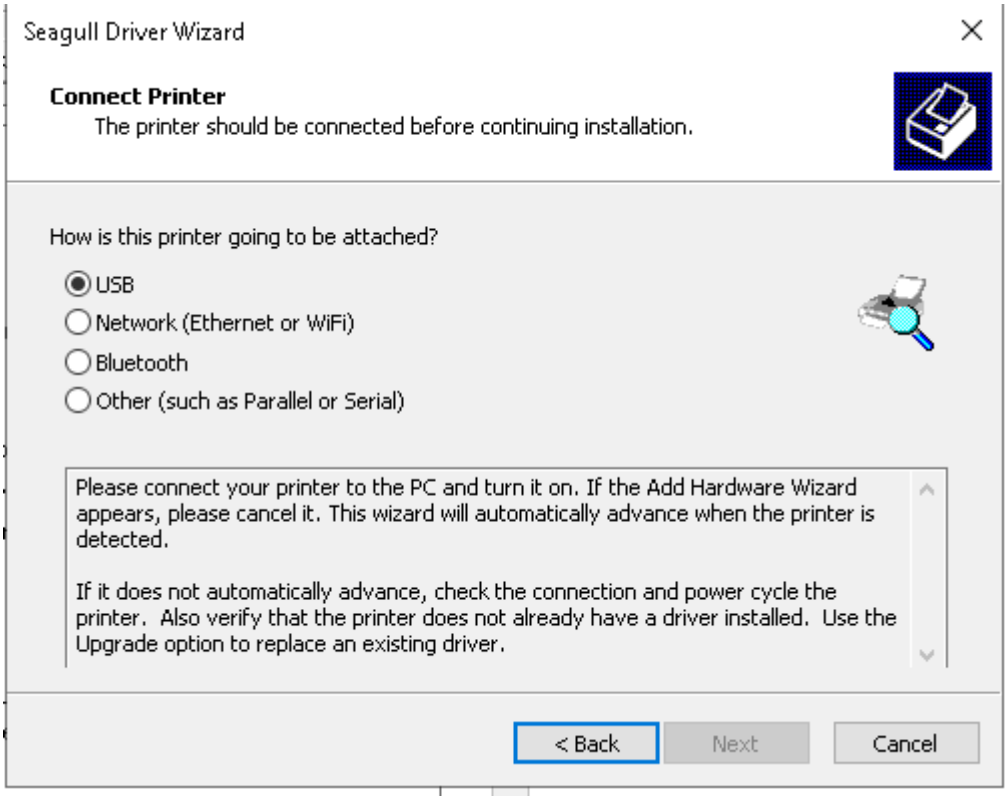
Untuk mengeluarkan kertas yang terlalu kedalam dapat mengklik tombol seperti dibawah:

Untuk posisi pita printer pastikan seperti gambar yang dibawah :

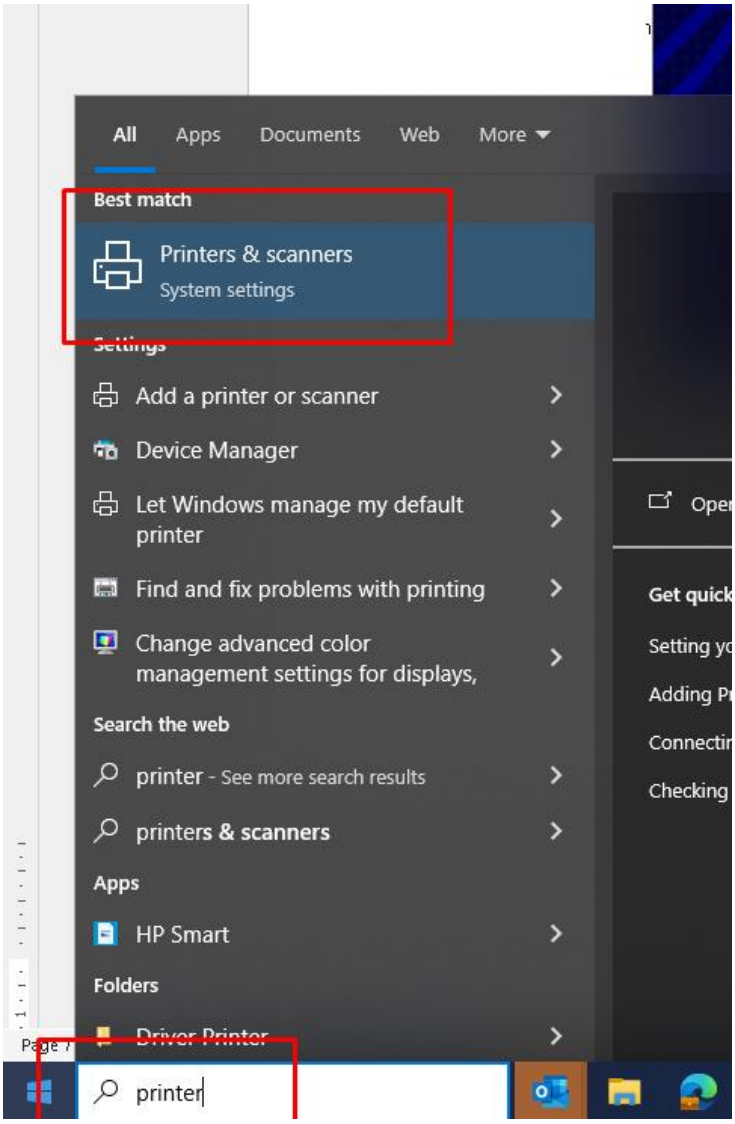
Sedangkan bagian kertas printernya ada pada poisis seperti gambar dibawha ini :



Lanjut ke bagian instalasi



- Pilih USB , lalu tekan next sampai dengan step terakhir.
- Kemudian bisa di test print dengan cara membuka start menu lalu tuliskan printer. Setelah itu pilih printerdan scanner seperti gambar dibawah :



- Setelah muncul gambar dibawah ini

Printers & scanners

Add printers & scanners

Add a printer or scanner

Printers & scanners

Brother MFC-L8690CDW series
Not connected

Direct Print - Dalam

Direct Print - Depan

Fax

Logistic FUJI XEROX DocuCentre-VII C3372

Microsoft Print to PDF

Microsoft XPS Document Writer

OneNote (Desktop)

OneNote for Windows 10

PDF24 Fax

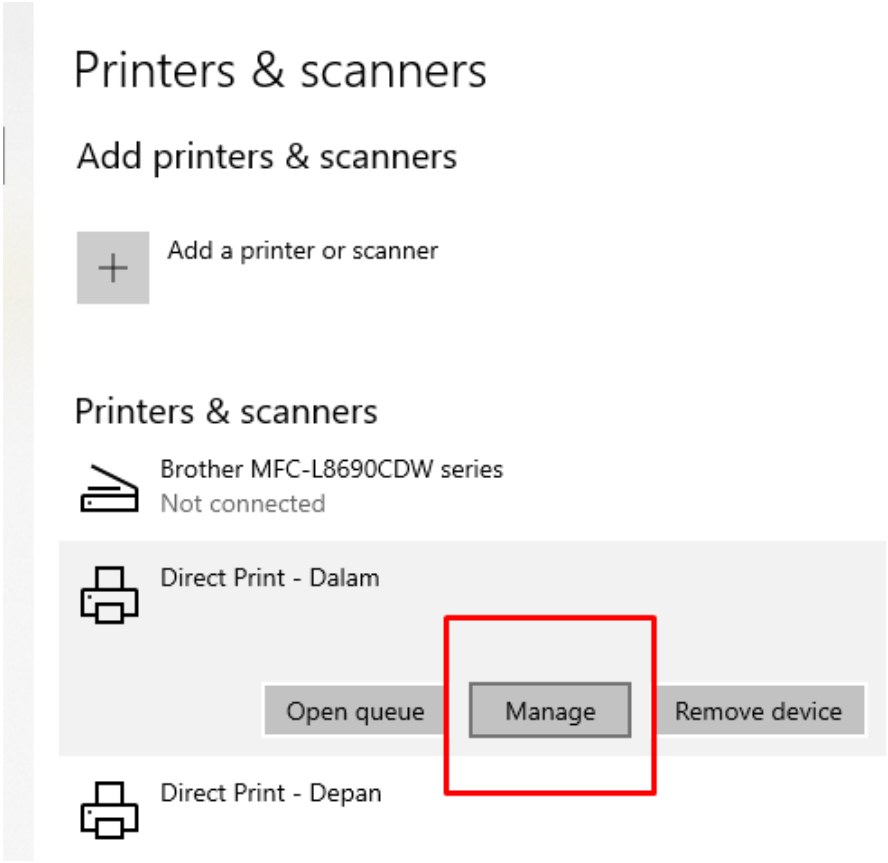
PDF24 PDF

Print Anywhere Fujifilm
Default

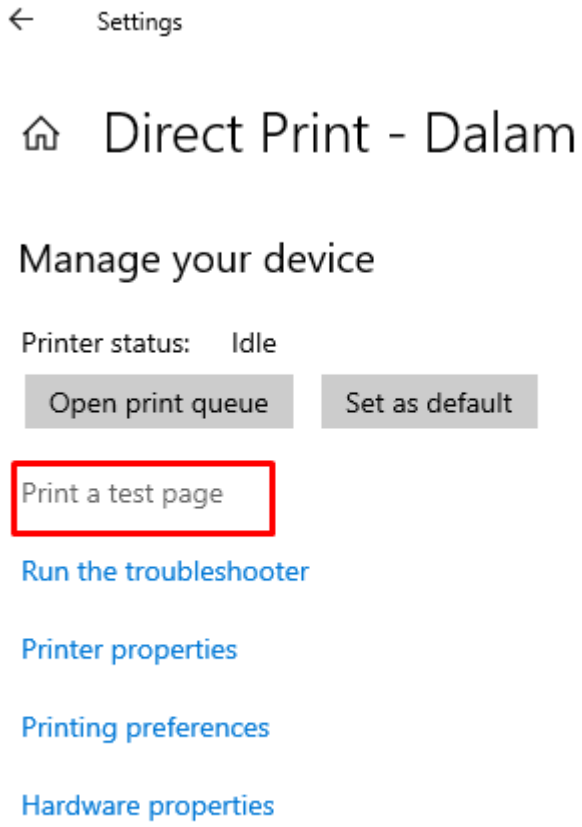
Ruko FX DocuPrint C1110 PCL 6
Offline

bisa klik pada printer yang bertuliskan **HPRT HT800.**

- Setelah itu klik manage



- dan bisa klik print test page


Settings
Direct Print - Dalam
Manage your device
Printer status: Idle
Open print queue
Set as default
Print a test page
Run the troubleshooter
Printer properties
Printing preferences
Hardware properties

HT800/HT830
User Manual

Xiamen Hanin Electronic Technology Co.,Ltd.
Address: No.96, Rongyuan Road, Tong'an District, Xiamen, China 361100
E-mail: support@hprt.com
Web: www.hprt.com

Rev.1.0

Contents

Manual Information..... 1
Important Safety Instructions.....2
Chapter 1 Introduction.....5
1.1 Packing List..... 5
1.2 Appearance and Components.....6
1.3 Dimension.....7
Chapter 2 Specifications.....8
Chapter 3 Installation & Usage.....10
3.1 Media Loading..... 10
3.1.1 Loading the Roll..... 10
3.1.2 Loading the Ribbon..... 12
3.2 Power Connection..... 15
3.3 Peripherals Connection..... 15
3.3.1 Interface Cable Connection..... 15
3.3.2 Bluetooth Connection..... 16
3.4 Detection..... 17
3.4.1 Continuous Paper..... 17
3.4.2 Labels.....19
3.4.3 Punched Hole Label.....21
3.4.4 Blackmark Paper.....22
3.5 Operation Panel.....23
3.5.1 Panel Introduction.....23
3.5.2 Indicator Status.....24
3.6 Basic Function.....25
3.6.1 Power On/ Power Off..... 25
3.6.2 FEED Button.....25
3.6.3 Quick Calibration..... 25
3.6.4 Print Self-test Page..... 26
Chapter 4 Interface.....27
4.1 USB Interface..... 27
4.2 Other Optional Interfaces.....28
Chapter 5 Maintenance & Adjustment..... 30
5.1 Cleaning Media Sensor.....30
5.2 Cleaning Thermal Print Head.....30
5.3 Cleaning Roller and/or Paper Path..... 31
Chapter 6 Printer Utility Tool Instructions.....32
6.1 Installation Preparation..... 32
6.2 Usage..... 32
Chapter 7 Windows Driver Instructions..... 49

7.1 Introduction....49
7.2 Installation Preparation....49
7.3 Installation....50
7.4 Usage....53
7.4.1 Printing Preferences....53
7.4.2 Printer Properties....62
7.5 Label's Width....64
Chapter 8 BarTender Ultralite Instructions....65
8.1 Introduction....65
8.2 Installation Preparation....65
8.3 Installation....66
8.4 Usage....70
8.4.1 Page Settings....70
8.4.2 label Edit....79
Appendix 1 Display Operation....84

Changes Record

Rev.	Date	Description
1.0		--

■ Statement

This manual content may be altered without permission, and our company 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 our company. Without any written permission from our company, any section of this manual is prohibited to be copied or transferred in any form.

■ Copyright

This manual is printed in 2022, the copyright belongs to Xiamen Hanin Electronic Technology Co. Ltd.
Printed in China
1.0 Version

■ Warnings

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

This is showing the important information and tips for the printer operation.

Note: Due to continuous update of our product, the description of printer specification, accessories, design in this manual may be slightly different. Please keep in kind prevail.

Manual Information

This user manual contains basic information for product usage as well as for emergency measures that may be required.

The installation and usage of printer driver, utility tool and BarTender Ultralite are also included in the manual.

Important Safety Instructions

Before using the appliance, please carefully read the following safety regulations in order to prevent any hazard or material damage.

1. Safety warning

Warnings: The print head will become very hot during printing; avoid contact with the print head after printing has finished.

Warnings: Do not touch the printer head and connector in case static damage the printer head.

2. Instructions

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

1) Do not plug several products in one multiperture outlet.
   - This can provoke over-heating and a fire.
   - If the plug is wet or dirty, dry or wipe it before usage.
   - If the plug does not fit perfectly with the outlet, do not plug in.
   - Be sure to use only standardized multiperture outlet.

2) You must use the supplied adapter.
   - It is dangerous to use other adapters.

3) Do not pull the cable to unplug.
   - This can damage the cable, which is the origin of a fire or a breakdown of the printer.

4) Do not plug in or unplug with your wet hands.
   - You can be electrocuted.

5) Do not bend the cable by force or leave it under any heavy object.
   - A damaged cable can 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 can be broken and you can 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.
- Please 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

The copyright for this user manual and various other manuals is property of our company. Any copying or conversion into electronic form and saving of this material without the express written permission is strictly prohibited. Use of the information contained in this manual is not subject to any patent liability. This manual has been prepared with utmost care and attention to detail but may contain certain errors and/or omissions. Our company is not legally liable for any damages resulting from the use of the information in this manual. Our company and its affiliates are not legally liable (United States excluded) for any damages, loss, costs, and/or expenses that result from the breakdown, malfunction, and/or misuse of the product due to violation or neglect of the operation and maintenance information and instructions provided by our company, as well as from the unauthorized alteration, repair, and/or modification of the product by the user and/or third party. We are not legally liable for any damages and/or issues resulting from the use of options and/or parts that are not authentic or authorized 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.

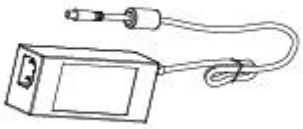
Chapter 1 Introduction

1.1 Packing List

Note:

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

Printer

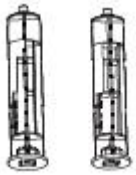


AC Adapter

Power Cord

USB Cable

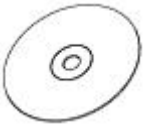
Label Roll



Ribbon Spindles

Ribbon

Empty Ribbon Core

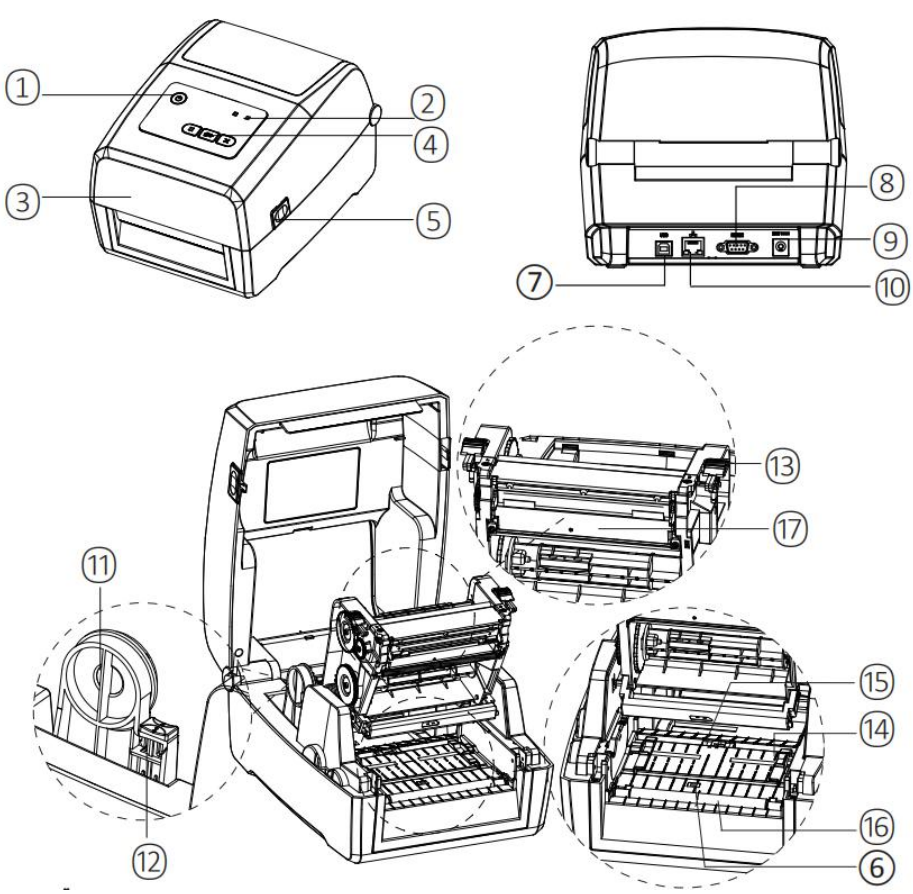


CD

Quick Start Guide

Note: The packing materials are based on the order.

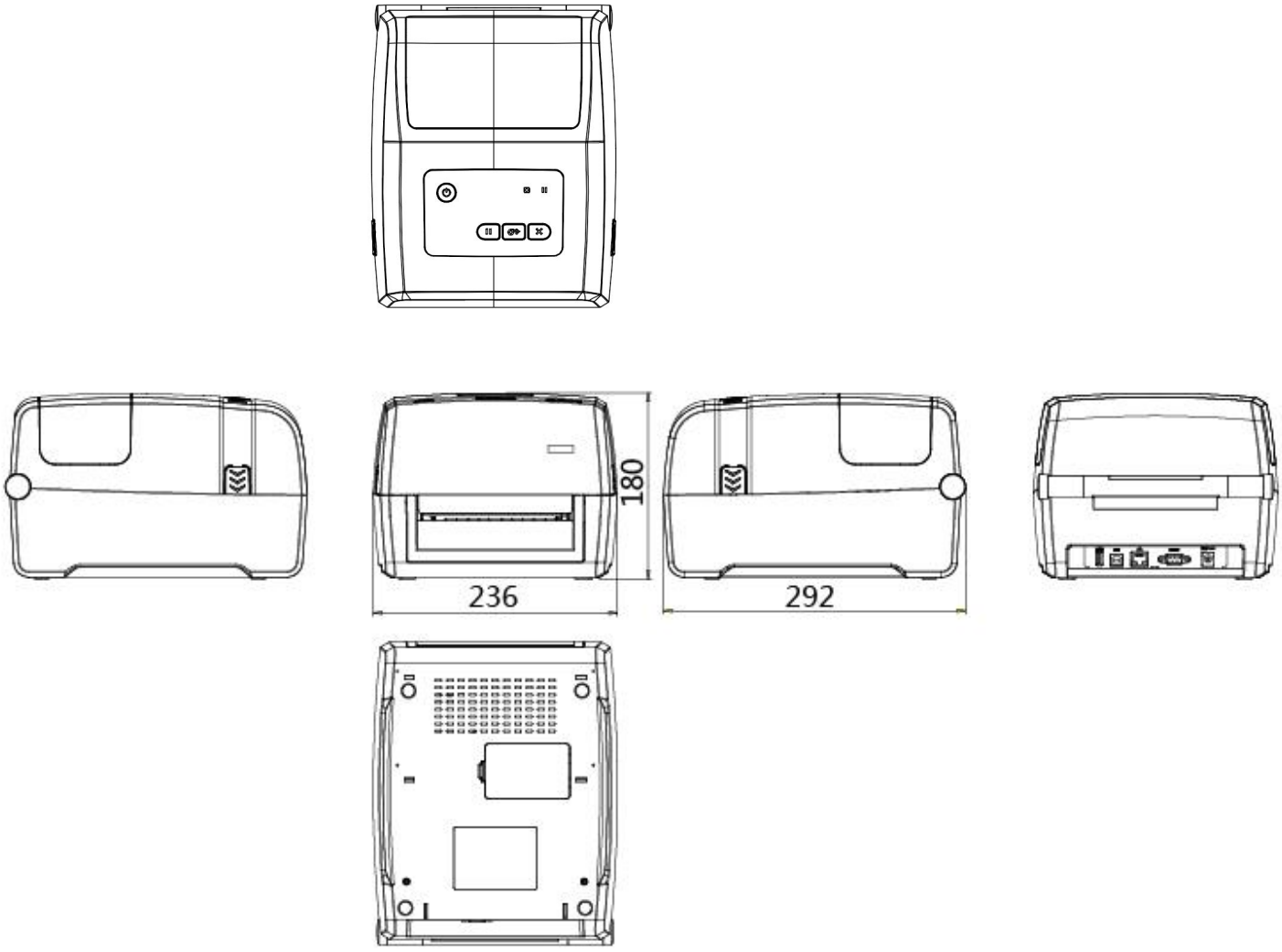
1.2 Appearance and Components



① Power Button
② Indicator Light
③ Printer Cover
④ Feed Button
⑤ Cover Open Levers
⑥ Front Label Sensor
⑦ USB Port(Type B)
⑧ Serial Port
⑨ Power Receptacle
⑩ Ethernet Port
⑪ Moveable Roll Holders
⑫ Locking Tab
⑬ Mechanism Lock
⑭ Moveable Label Guides
⑮ Label Sensor
⑯ Platen
⑰ Printer Mechanism

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

1.3 Dimension



Chapter 2 Specifications

Item		Parameter	
Type		HT800	HT830
Printing	Printing Method	Thermal transfer/Direct thermal	
	Resolution	203dpi	300dpi
	Max.Printing Speed	6 ips (203dpi)	4 ips (300dpi)
	Max.Printing Width	108 mm(203dpi)	106 mm(300dpi)
	Max.Pringting Length	1200mm	
Memory	RAM	128MB	
	Flash	128MB	
Programming Language		ZPL,TSPL,DPL,EPL	
Detection	Sensor	Out of Paper Sensor,Gap Mark Sensor,Ribbon Sensor, Black Mark Sensor, Cover Opening Sensor	
Media	Types	Folding Paper, Reel type, Black Mark, Punched Hole Label	
	Width	1 inch(25.4mm) – 4.33 inches(110 mm)	
	Thickness	60um-200um	
	Label Roll Diameter	5''(127 mm) Max	
	Core Diameter	0.5''(12.7 mm), 1''(25.4 mm). 1.5''(38 mm)	
Ribbon	Type	Wax,Wax/Resin,Resin	
	Width	2''(50 mm)-4.38''(118 mm)	
	Length	984'(300 m)	
	Core Diameter	1''(25.4 mm)	
Software	Label Design Software	HPRT BarTender Ultralite	
	Driver	Windows XP,7,8,10， Vista,7， 8， 11.	
		CUPS for Linux and MAC OS	
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	

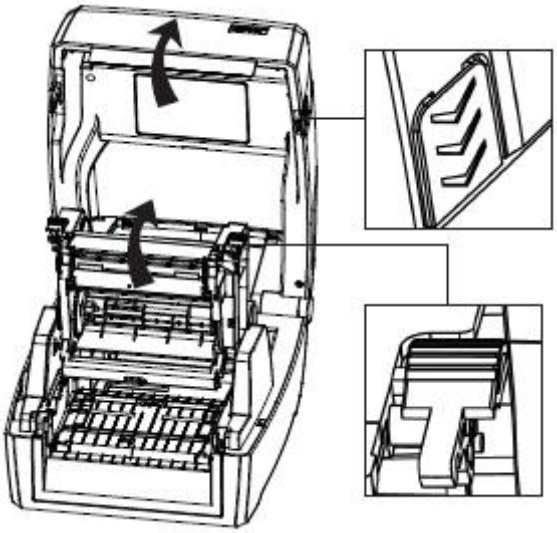
Item		Parameter
Barcodes	1D	Code 39, Code 93, Code 128UCC, Code 128 subset A, B, C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2 (5) digits add-on, MSI, PLESSEY, POSTNET, RSS-Stacked, GS1 DataBar, Code 11
	2D	PDF417, Maxicode, DataMatrix, QR Code, Aztec
Code Pages		DOS437,720,737,755,775,850,852,855,856,857,858,860,862,863,864, 865,866, Windows 1250,1251,1252,1253,1254, 1255,1256,1257,1258, ISO8859-1,-2,-3,-4,-5,-6,-8,-9,-15
Interfaces	Standard	USB, Ethernet, Serial Port
	Optional	Wi-Fi, Bluetooth
Control Panel		Power switch button, FEED button, Pause button, Cancel button,2 indicating LED
Power Supply		Input: AC 100-240V, 50/60HZ Output:DC 24V/2.0A
Environment	Operation	41℉(5℃)-104℉(40℃)， 30%-85% non-condensing
	Storage	-4℉(-20℃)-122℉(50℃)， 10%-90% non-condensing
Physical Characteristic	Dimension (L*H*W)	308*250*180 mm
	Weight	About 2.9 kg
Options & Accessory		Peeler Module, Cutter Module, Hob Module
Printing RFID label		Support
Agency Approval		CE,FCC,CB

Chapter 3 Installation & Usage

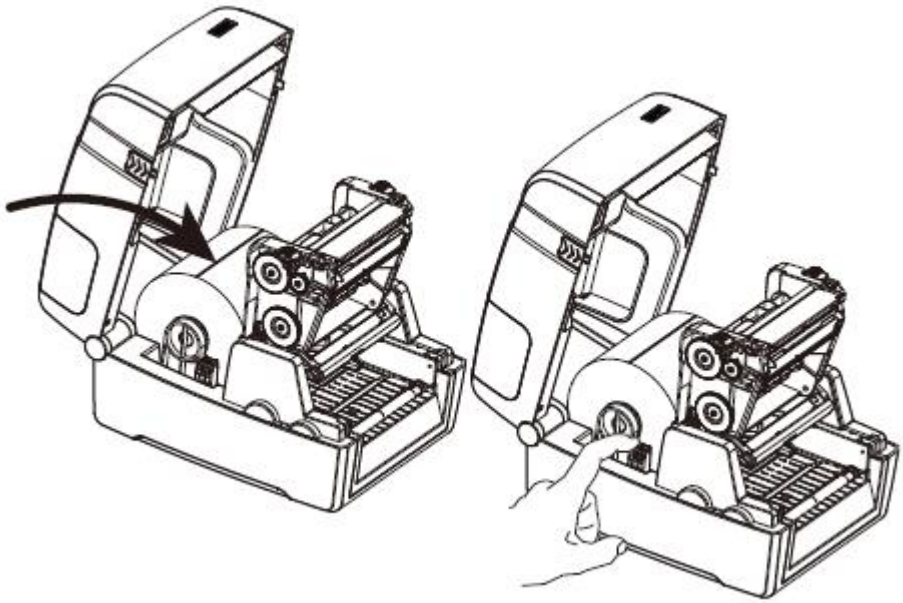
3.1 Media Loading

3.1.1 Loading the Roll

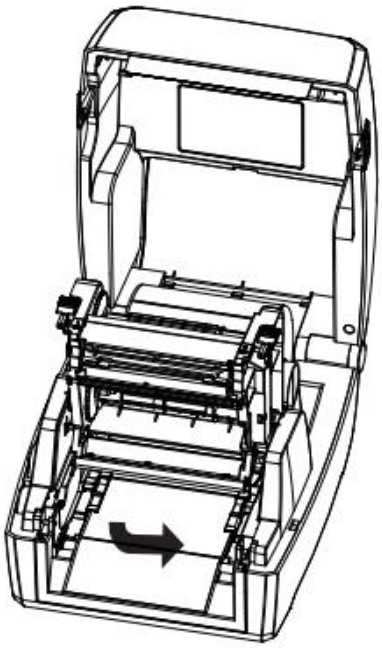
1.Press to open the printer cover and mechanism.



2.Pull the roll holders open and place the roll between them. And press down the locking tab.



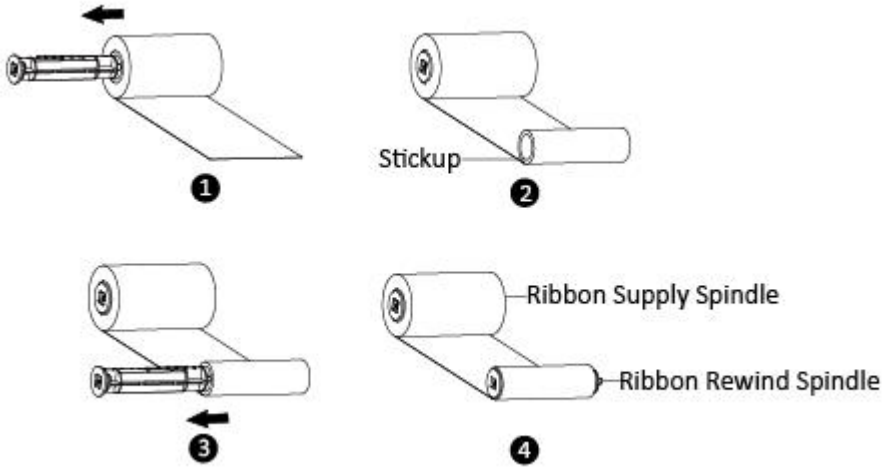
3.Pass the labels through label guides and adjust label guides to adapt to the label width.



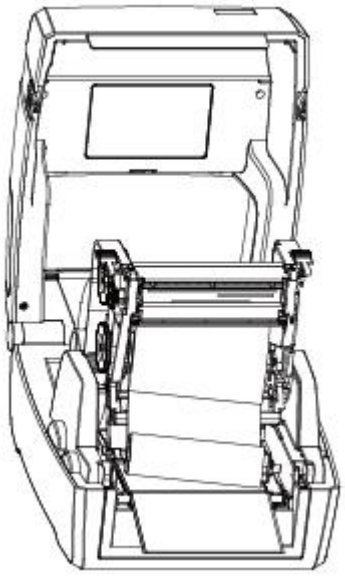
Note: If your printer is under Thermal Line Printing Method, press down the printer cover until it snaps closed. Otherwise, continue the procedure in chapter 3.1.2.

3.1.2 Loading the Ribbon

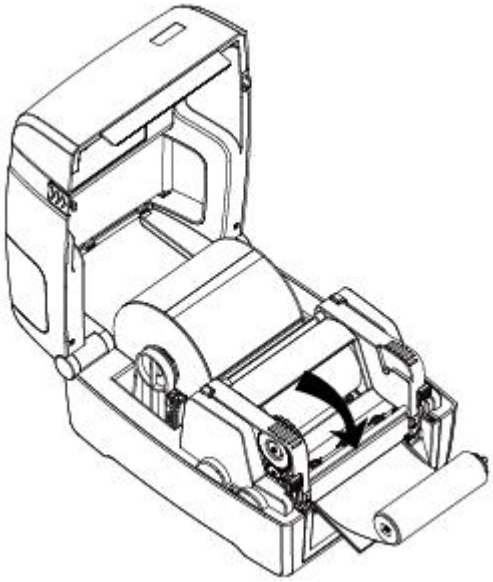
1.Install the ribbon module.



2.Insert the left part of supply spindle and then the right part.

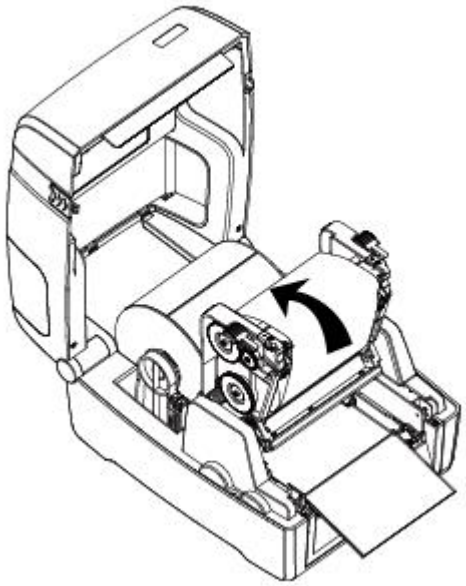


3.Press down the printer mechanism.

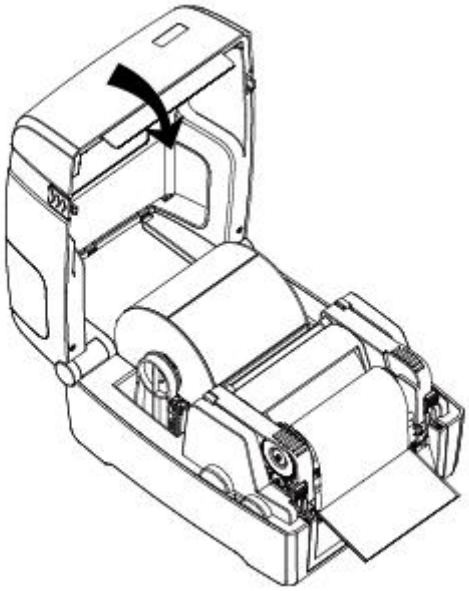


4.Insert the left part of rewind spindle and then the right part.

5.Wind the core 2~3 circles until the ribbon is pulled tightly.

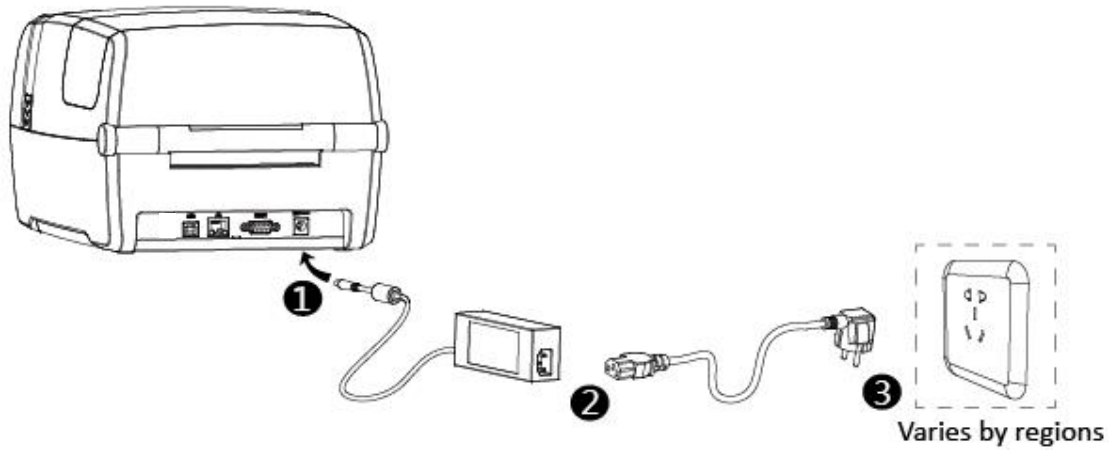


6.Fix the mechanism and close the cover.



3.2 Power Connection

1.Connect the AC adapter to power receptacle.
2.Connect the power cord to AC adapter.
3.Connect the other end of power cord to the outlet.



Caution：

- 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 Peripherals Connection

3.3.1 Interface Cable Connection

1.The standard for the printer's interface cable shows as follows:

- USB A-Type cable
- USB B-Type cable
- RS-232C cable
- RJ45 cable

2.Based on your own need, follow the instructions to connect the cable.

1) Make sure the printer's power is off.
2) Please plug in the cables.

-Insert the USB A-Type cable into the USB(type A) interface.
-Insert the USB B-Type cable into the USB(type B) interface.
-Insert the RS-232C cable into the serial interface.
-Insert the RJ45 cable into the ethernet interface.

3.3.2 Bluetooth Connection

PDA with Bluetooth interface, laptop and other information terminals can drive the printer. 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 the printer's name.
4. Finish pairing.

If you need more detailed information of pairing methods, please refer to the instructions of Bluetooth device.

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.

Note: The original code is 1234.

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.

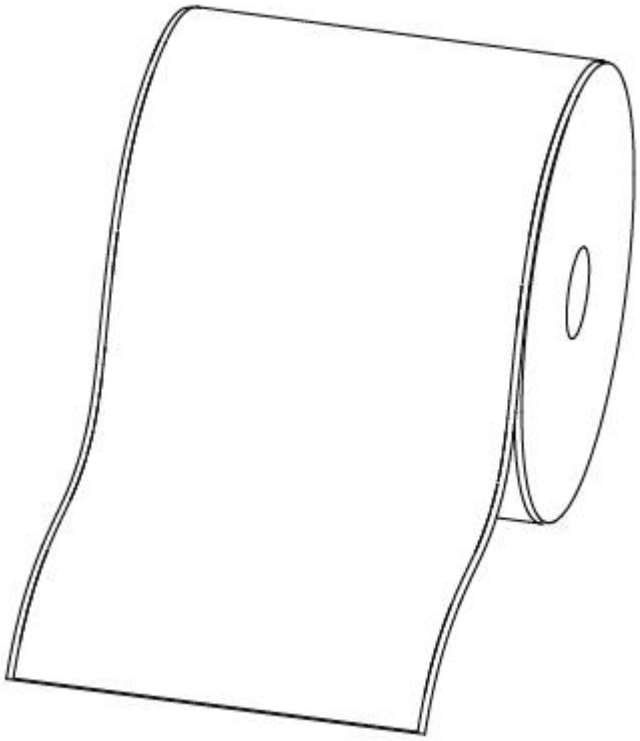


Figure 1 (Continuous Paper)

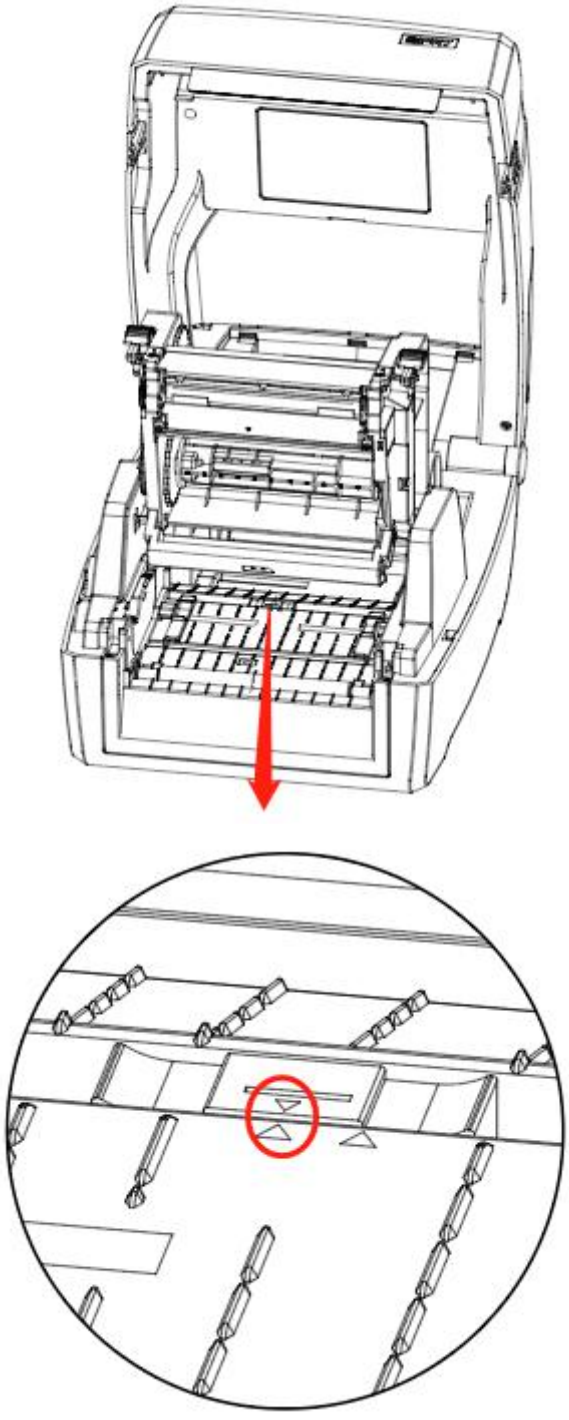


Figure 2 (Left)

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.

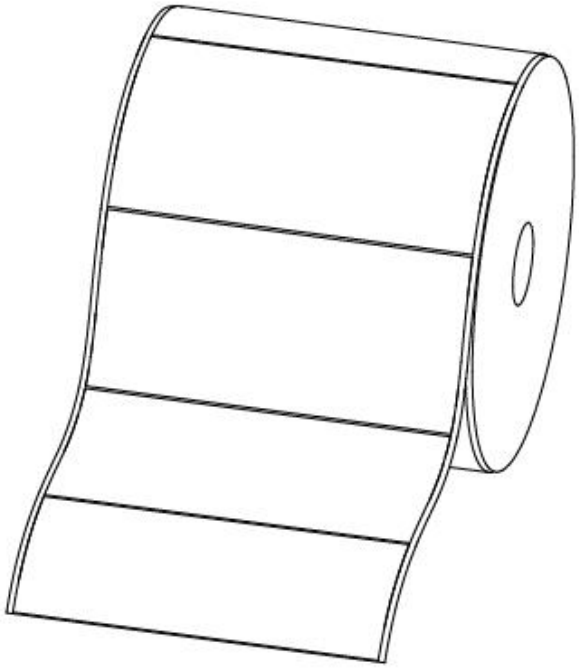


Figure 3 (Labels)

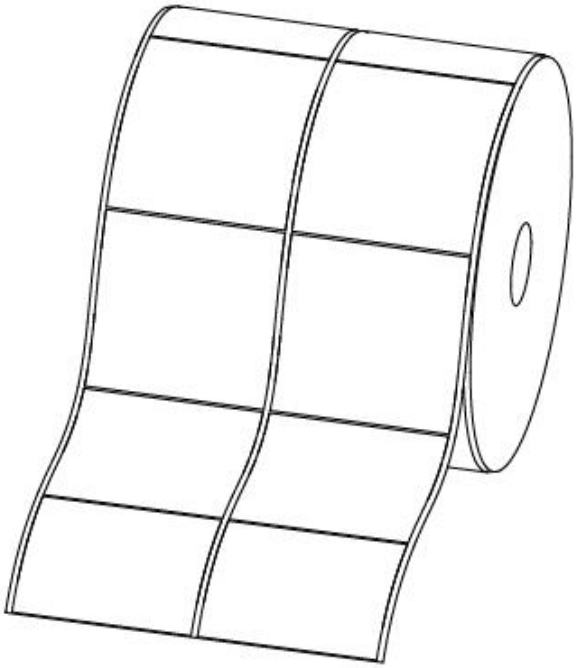


Figure 4 (Double-row Labels)

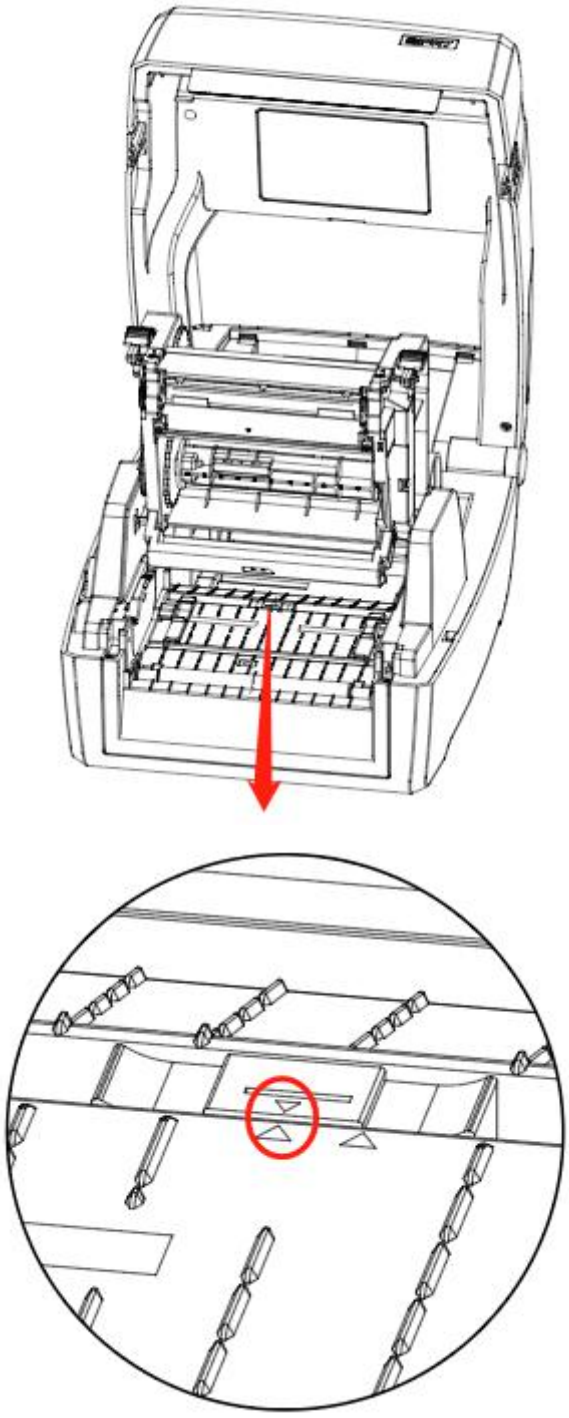


Figure 5 (Left)

3.4.3 Punched Hole Label

When printing punched hole labels, move the sensor until it's aimed at the right triangle below (Figure 6).

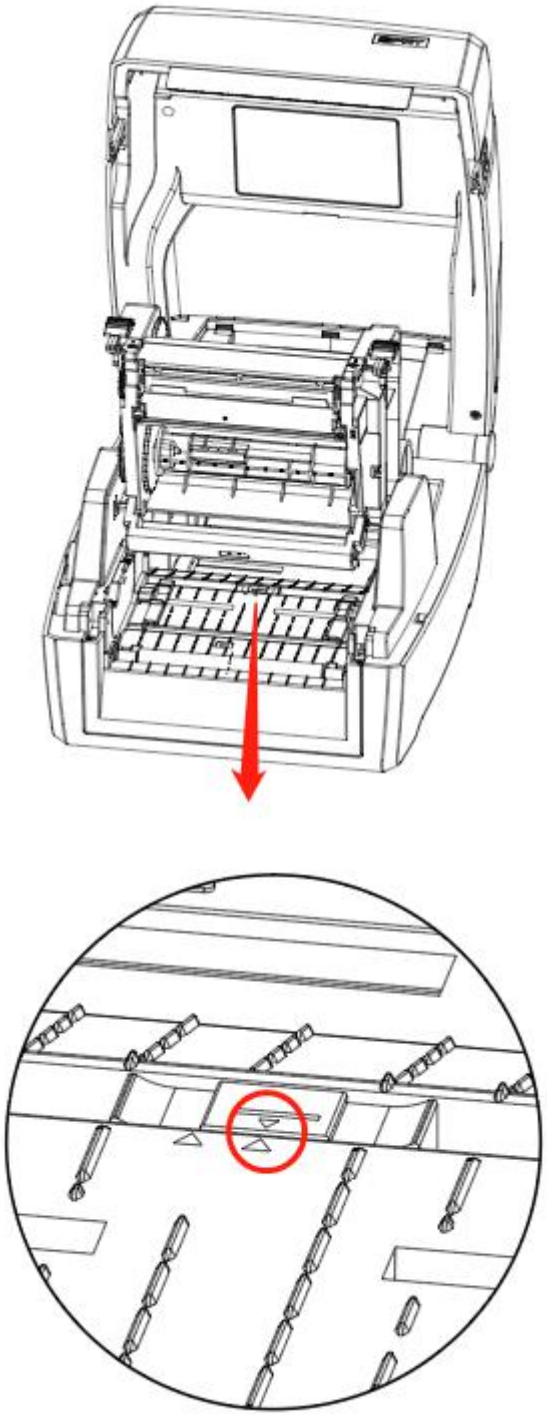


Figure 6 (Right)

3.4.4 Blackmark Paper

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

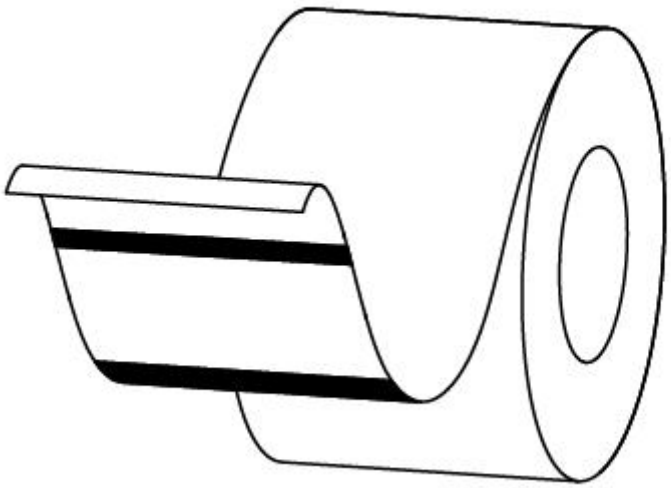


Figure 7 (Blackmark Paper)

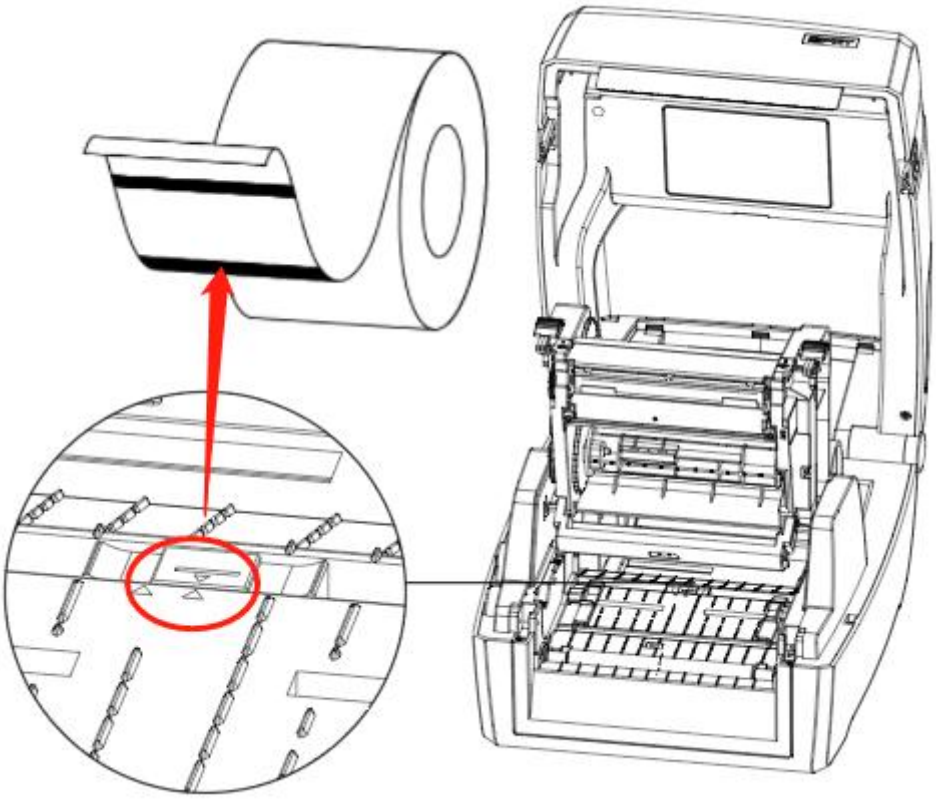


Figure 8 (aimed at blackmark's position)

3.5 Operation Panel

3.5.1 Panel Introduction

The panel indicates the printer's operating status and allows the user to control basic printer operation.

1.Power Button

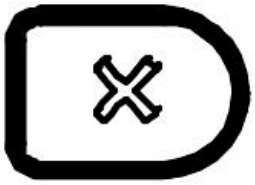
Much more detailed information is provided in "3.6.1 Power On/ Power Off".

2.Feed Button

Much more detailed information is provided in "3.6.2 FEED Button".

3.Pause Button

4.Cancel Button



3.5.2 Indicator Status

1.Power light

Color	Action	Indicating Status
x	x	The printer is off
Green	On	Normal operation
Green	Slow flash	Dump mode

2.Status light

Color	Action	Indicating Status
x	x	The printer is off/standby/printing
Red	On	Head up/paper out
Red	Quick flash	Paper jam/label's separation
Orange	On	Ribbon out
Orange	Slow flash	Printing pause
Green	On	Label calibration
Green	Slow flash	Wait on demand
Green	Quick flash	Receiving data

3.Paper Container light

Action	Indicating Status
On	Paper out/Paper jam/label's separation
Off	Head up/error elimination

Note:

Quick flash → 0.2 second / every cycle
Slow flash → 1 second / every cycle

3.6 Basic Function

3.6.1 Power On/ Power Off

- When the printer is off, press the power button once, and printer will power on.
- When the printer is on, press the power button for three seconds. After ringing twice, the printer will power off.

3.6.2 FEED Button

- When the printer is ready, press the feed button, and printer will automatically feed a label under “Label Mode”. Press the feed button, and the printer will feed the fixed distance under “Continuous Mode”.
- When the printer is printing, press the feed button once and it will stop the printing job. Press the feed button for three seconds and it will cancel the printing job.
- When the printer pauses, press the feed button once and it will continue the printing job. Press the feed button for three seconds and it will cancel the printing job.
- When the printer is in dump mode, press the feed button once, then back to the normal printing mode.
- When the indicator status flashes slowly(green), press the feed button once and printer will print a label.

3.6.3 Quick Calibration

Users must carry out the calibration under the conditions below:

- The first time to use the printer since 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:

- Carry out the calibration manually.

When printer is ready, press the FEED button for 3 seconds until the status indicator(Green) flashes twice. Then release the button, and printer will start to do the calibration. When printer does the calibration under Continuous Media Mode, the calibration is invalid.

- Carry out the calibration by printer utility tool.

Please refer to detailed information in “Chapter 6 Printer Utility Tool Instructions”.

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

3.6.4 Print 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 of the printer is closed properly. Then turn on the printer.
3) When the printer is ready, press the feed button continuously. As soon as the indicator flashes (green) 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) 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 Seagull Windows Driver Instructions" for more detailed information.

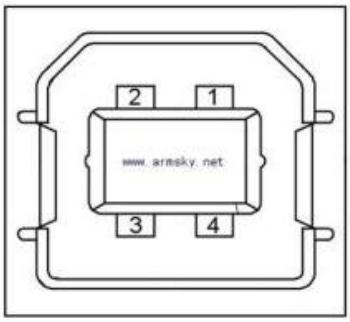
3.Printing by BarTender Ultralite Program

1) Install the BarTender Ultralite program.
2) Edit a new label and print it.
3) Please refer to "Chapter 8 BarTender Ultralite Instructions" for more detailed information.

Chapter 4 Interface

4.1 USB Interface

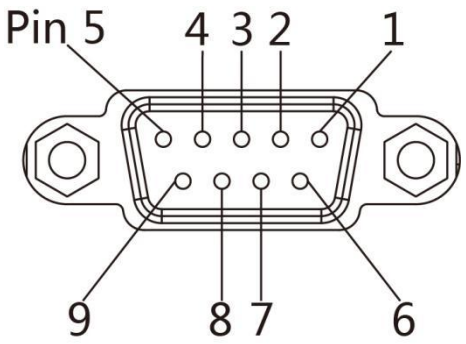
1.USB (Type B)



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

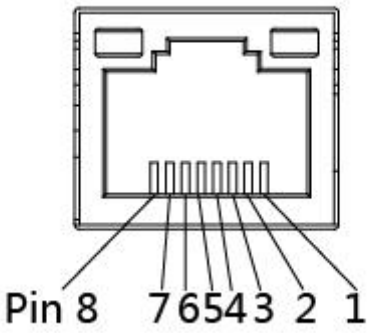
4.2 Other Optional Interfaces

■ Serial Port



PIN	SIGNAL NAME	SIGNAL DIRECTION
1	+5VDC	OUTPUT
2	RXD	OUTPUT
3	TXD	INPUT
4	DTR	INPUT
5	GND	GROUNDING
6	DSR	OUTPUT
7	RTS	INPUT
8	CTS	OUTPUT
9	-	NO CONTACT

■ Ethernet Port



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

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.

Note:

- 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. So 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 Printer Utility Tool Instructions

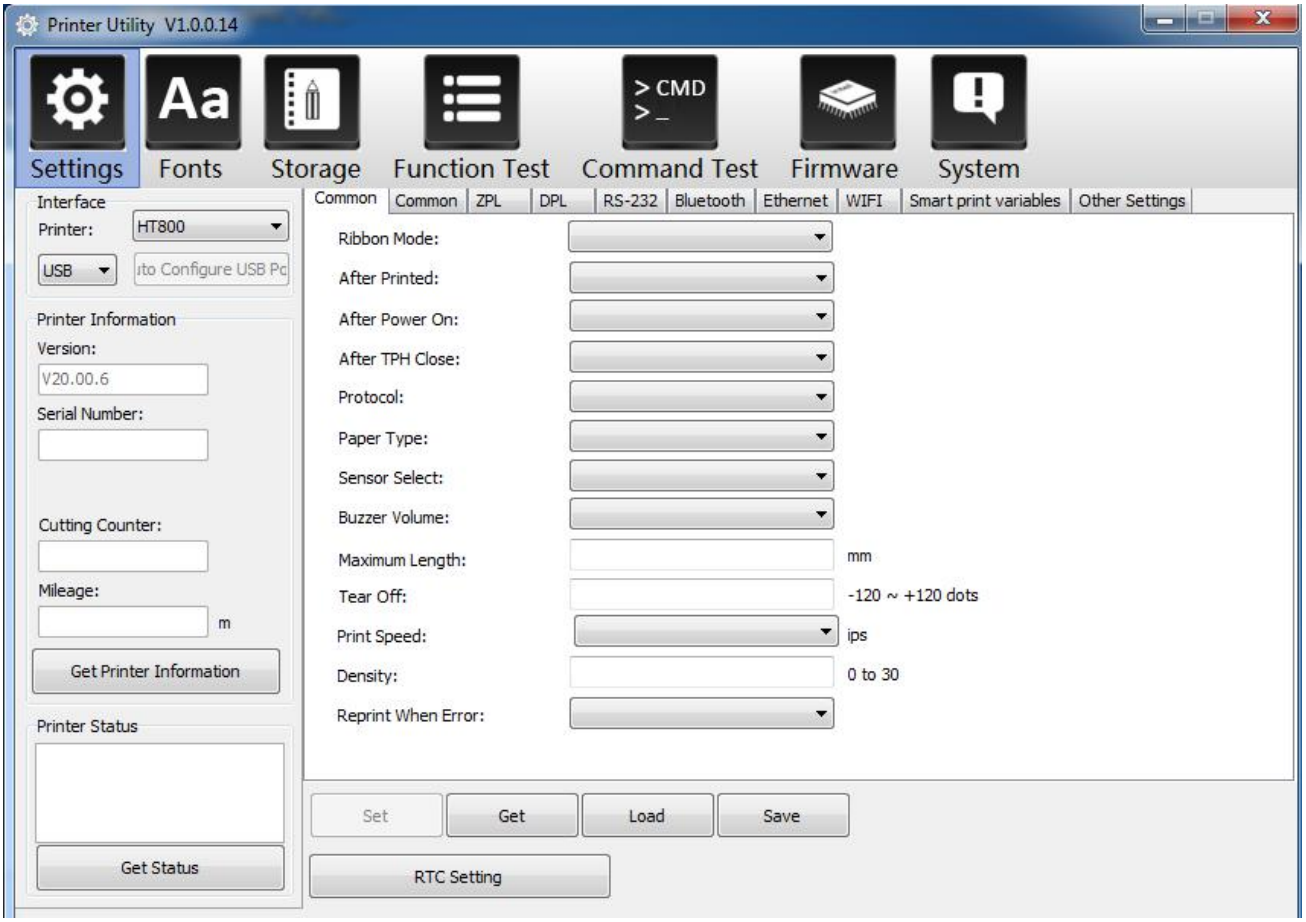
6.1 Installation Preparation

Download application program in CD. eg: HPRTPrinterUtility.exe

6.2 Usage

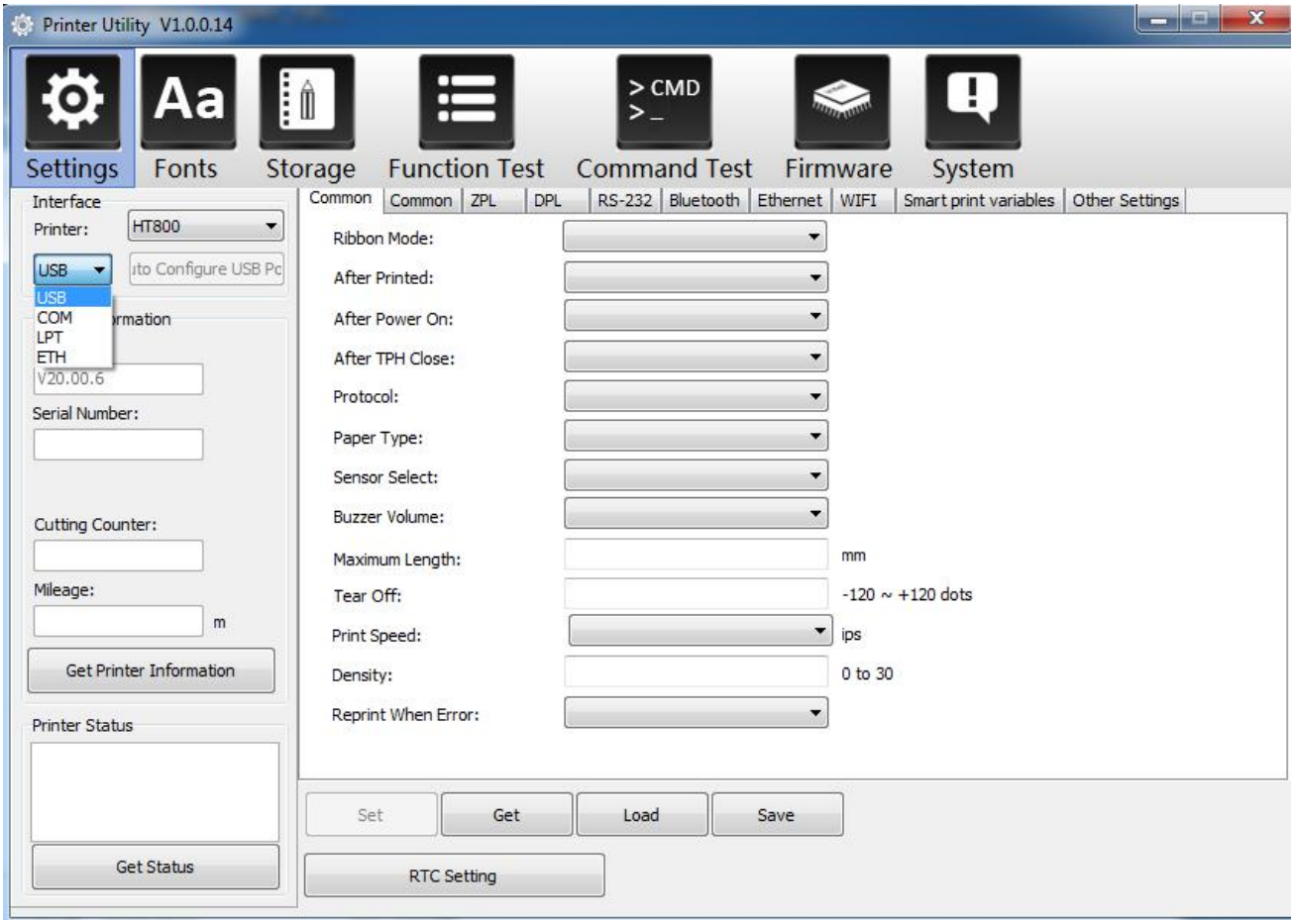
Note: The screen may vary slightly by different operating systems and models. Take printer HT800 as example.

1.Install “HPRTPrinterUtility.exe”, then open it.

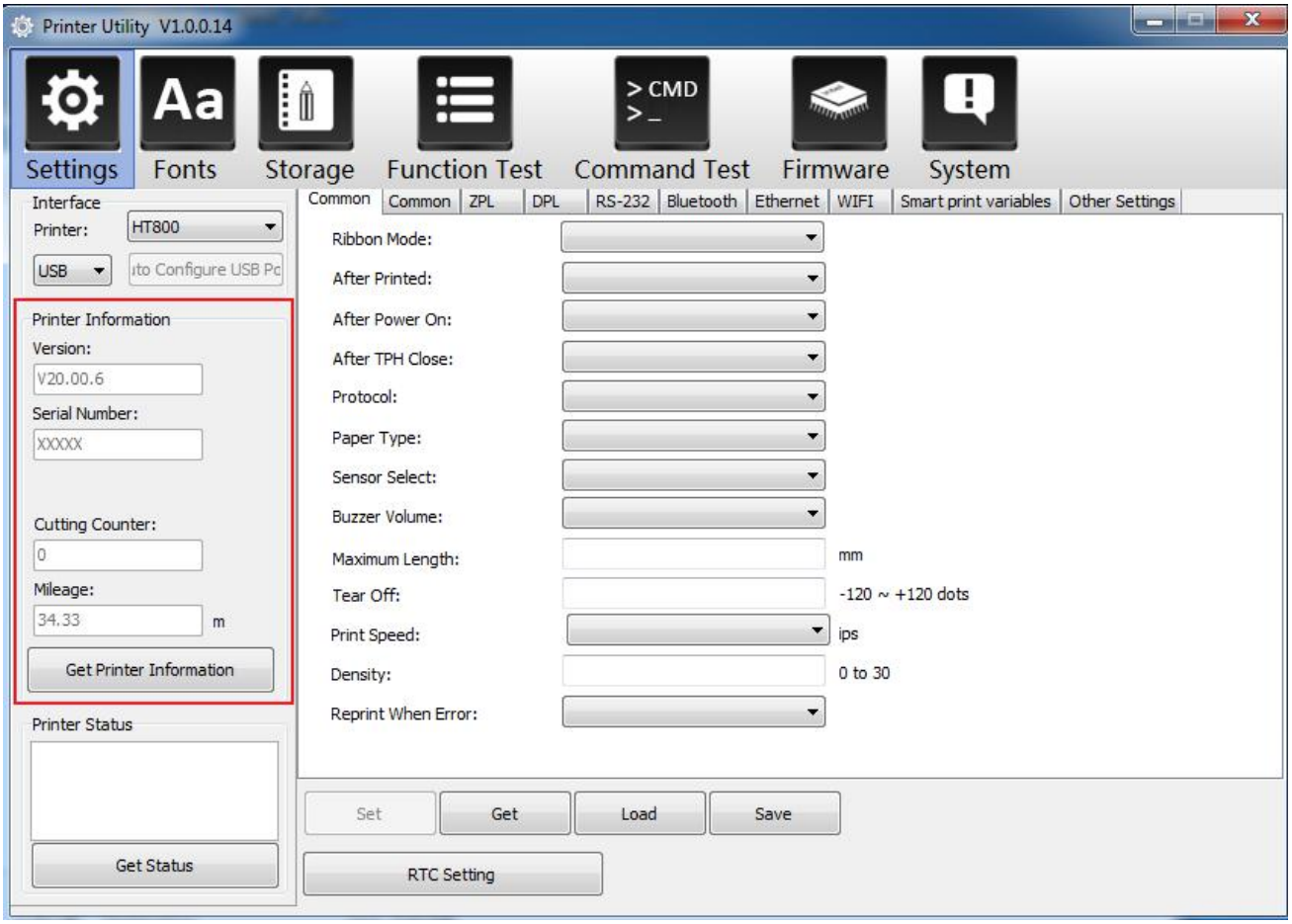


2.Click “Settings”, choose the printer model.

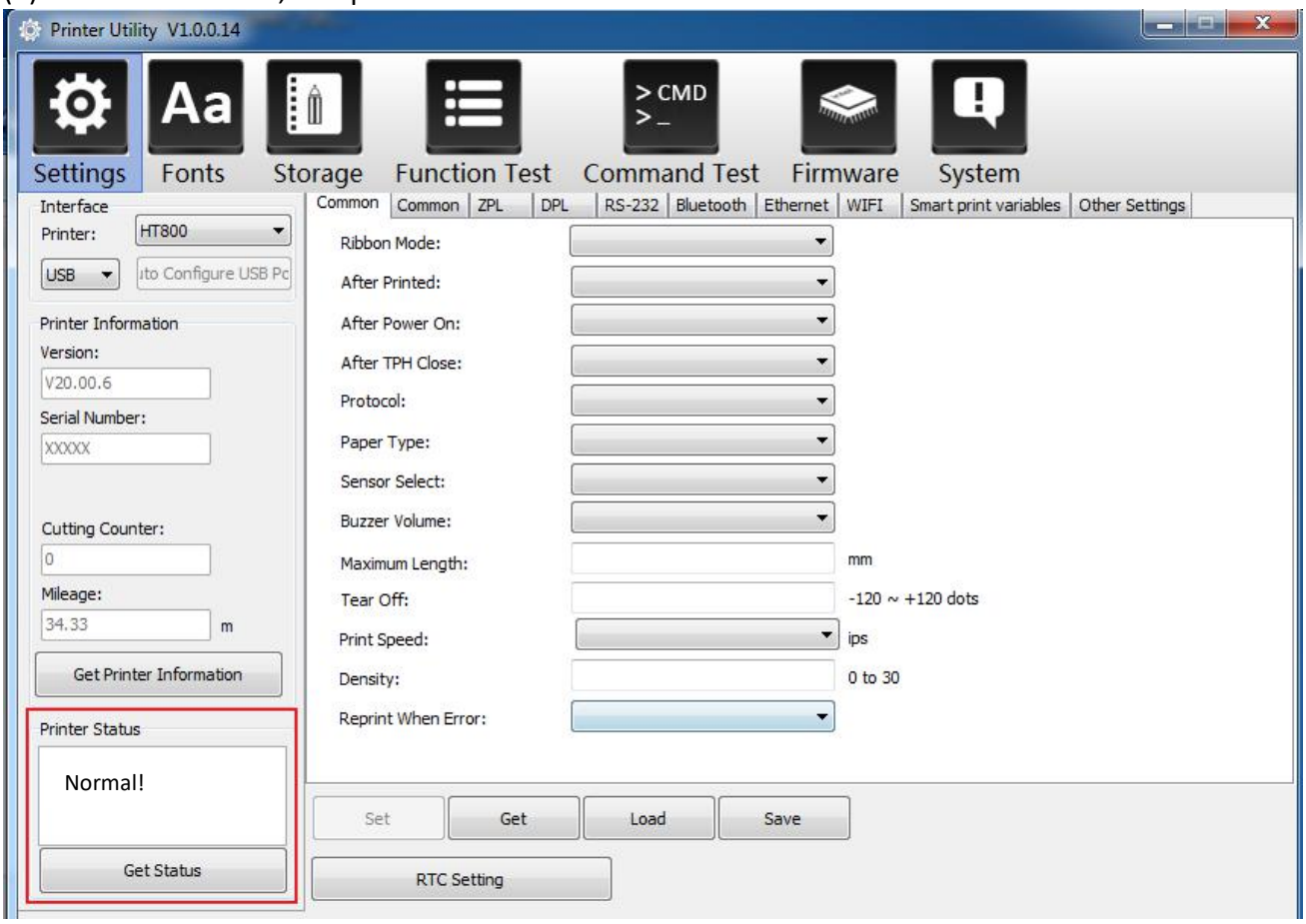
(1) Set up the interface needed. (range: USB, COM, LPT, ETH)



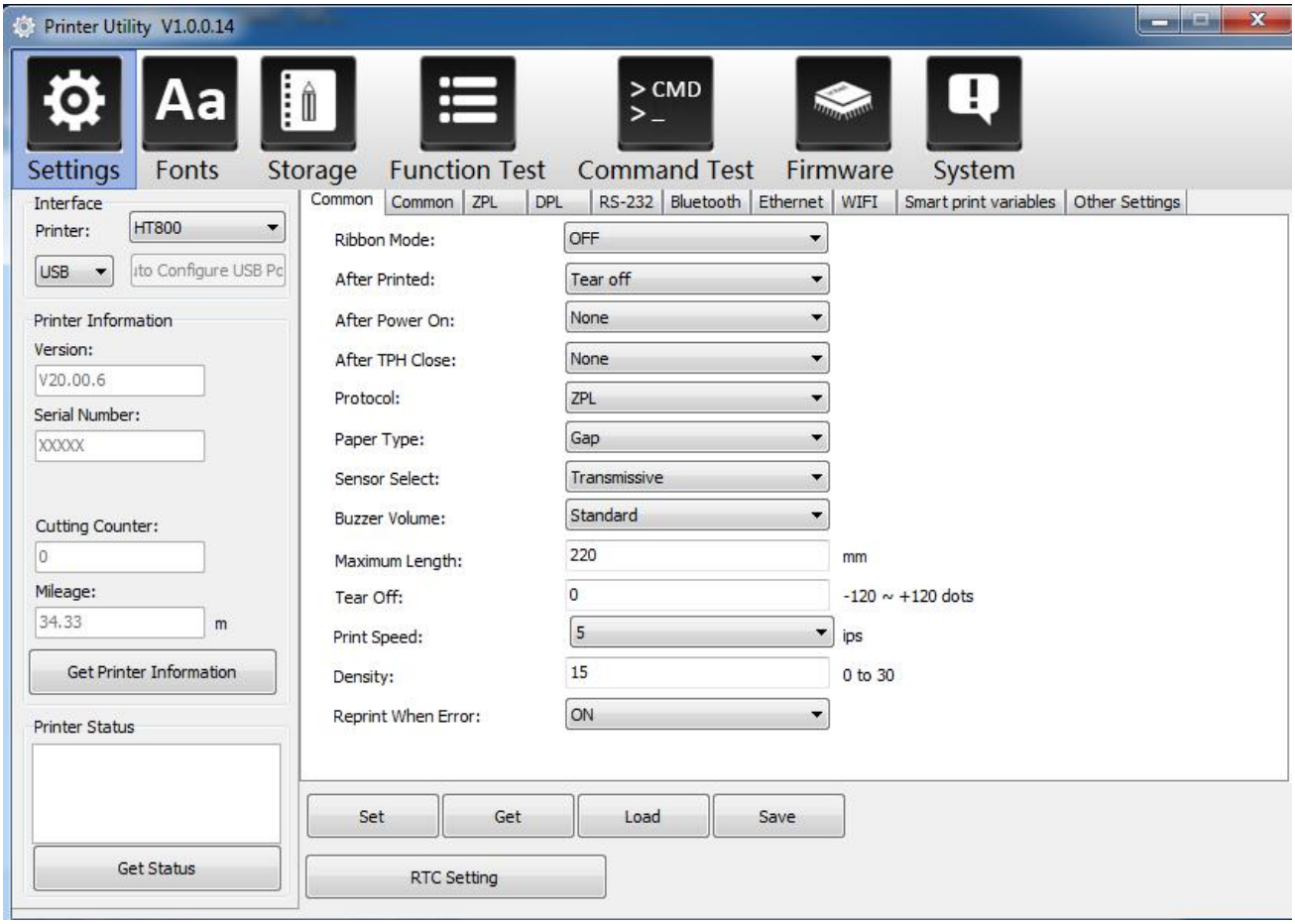
(2) Click “Get Printer Information”, and printer information will show in the above.



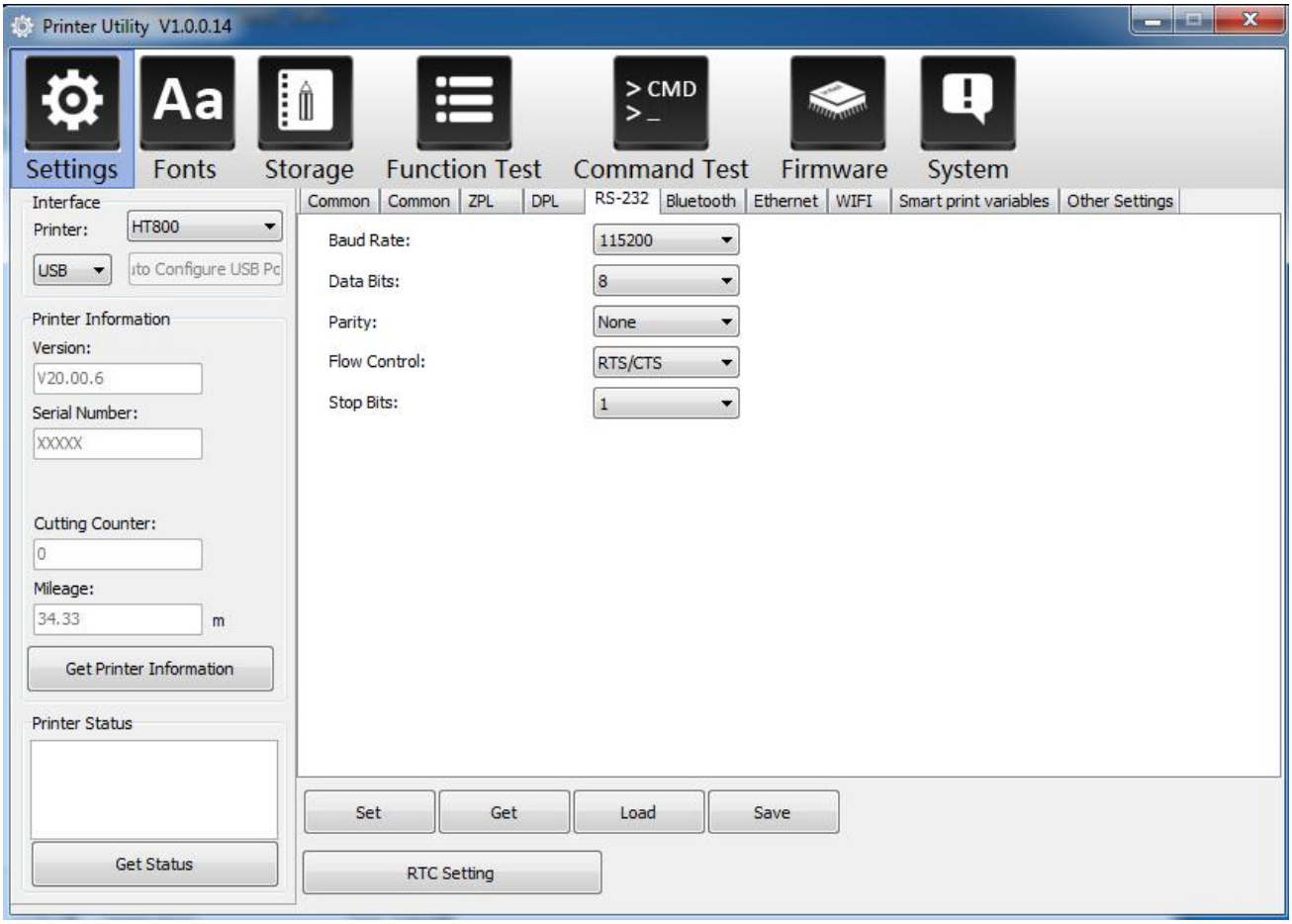
(3) Click “Get Status”, and printer status will show in the above.



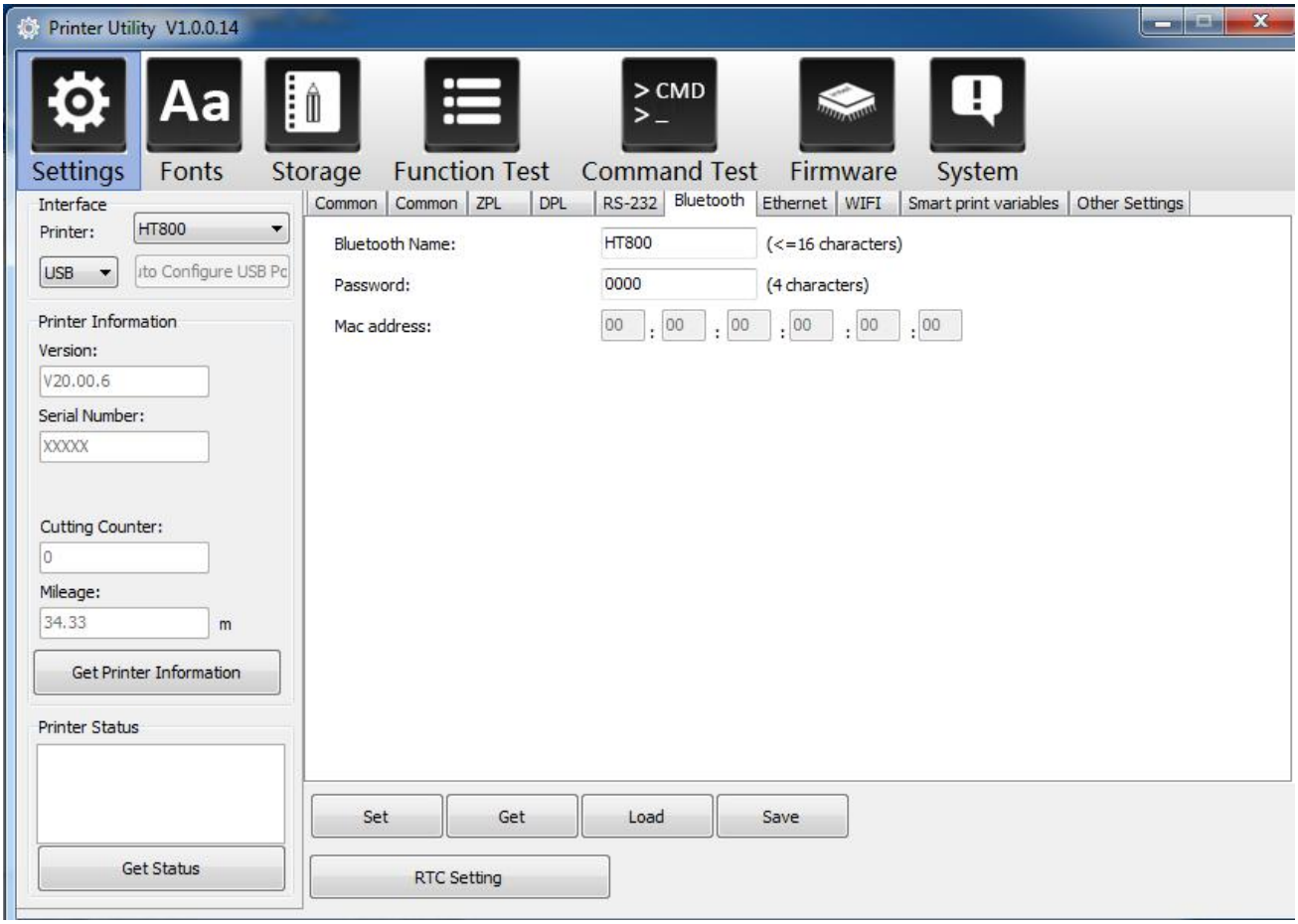
(4) Choose “Common” and click “Get”. In this menu, user can get the information the protocol, media sensor, speed, density and so on.



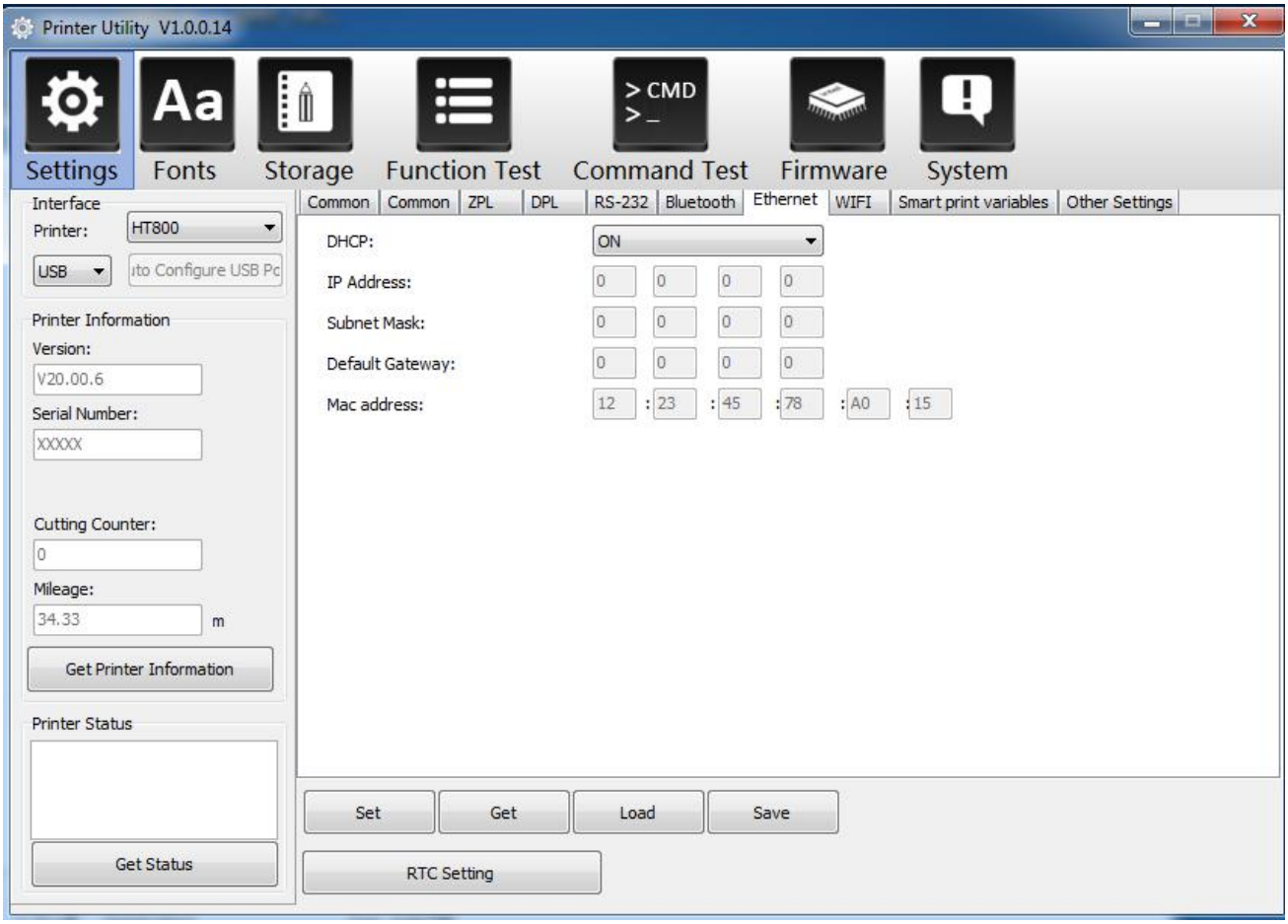
(5) Click “RS-232”, then set up the baud rate, data bits, parity and flow control.



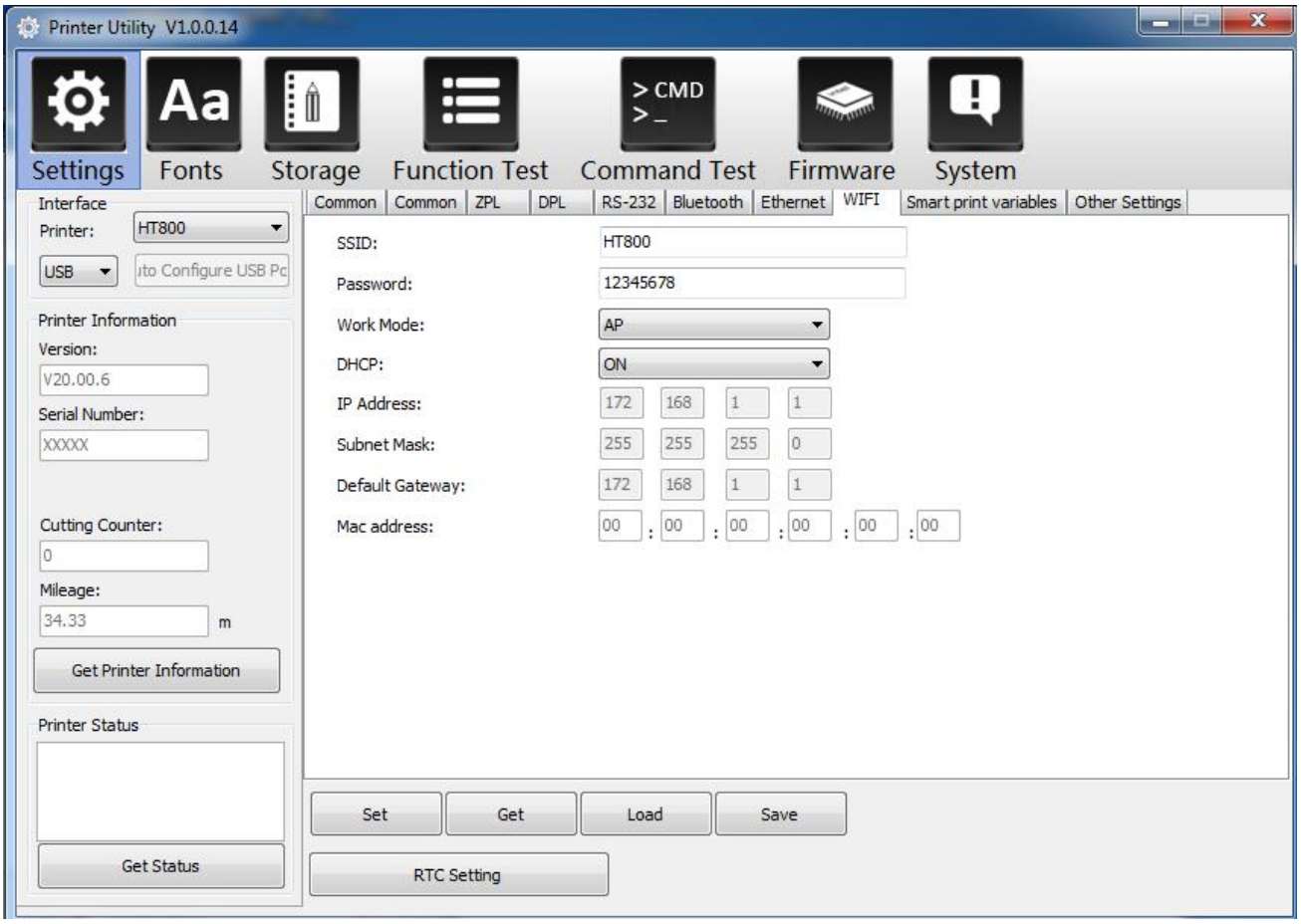
(6) Click “Bluetooth”, then set up the Bluetooth name and password. Click “Get” to gain the values of Mac address.



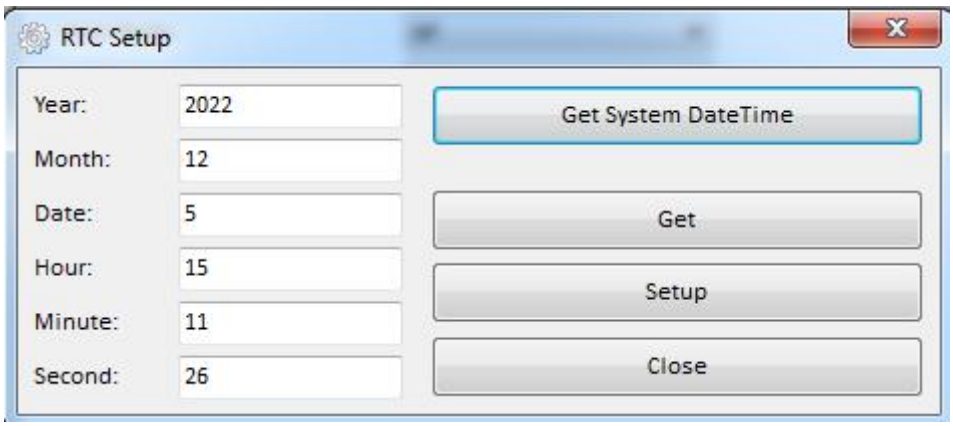
(7) Click “Ethernet”, then click “Get” to gain the relevant values.



(8) Click “WIFI”, then set up the name, password and so on.



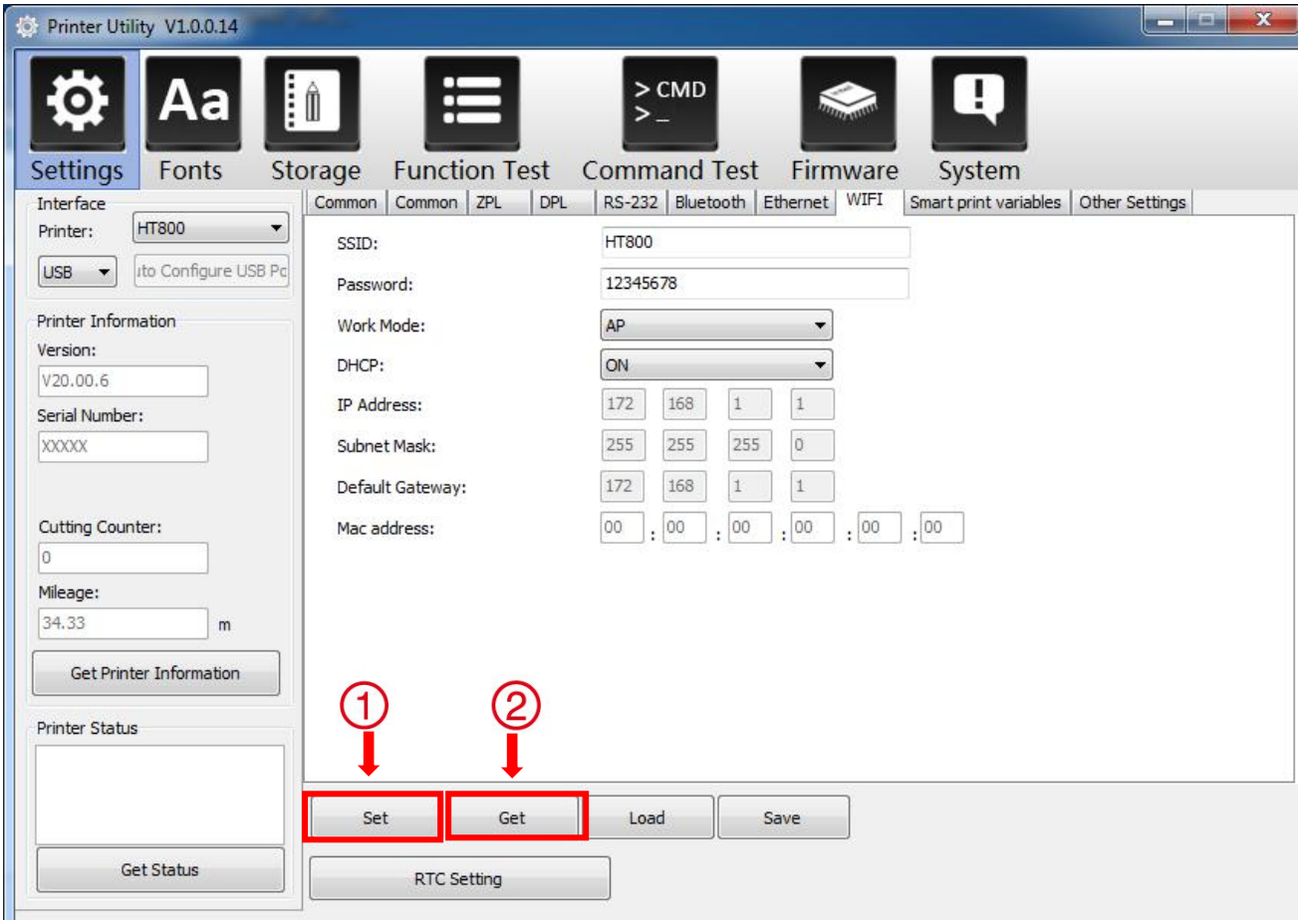
(9) Click “RTC Setting”. Click “Get System Date Time” to get the values, and click “Setup” to save them. Then click “Close”, and back to the main menu.



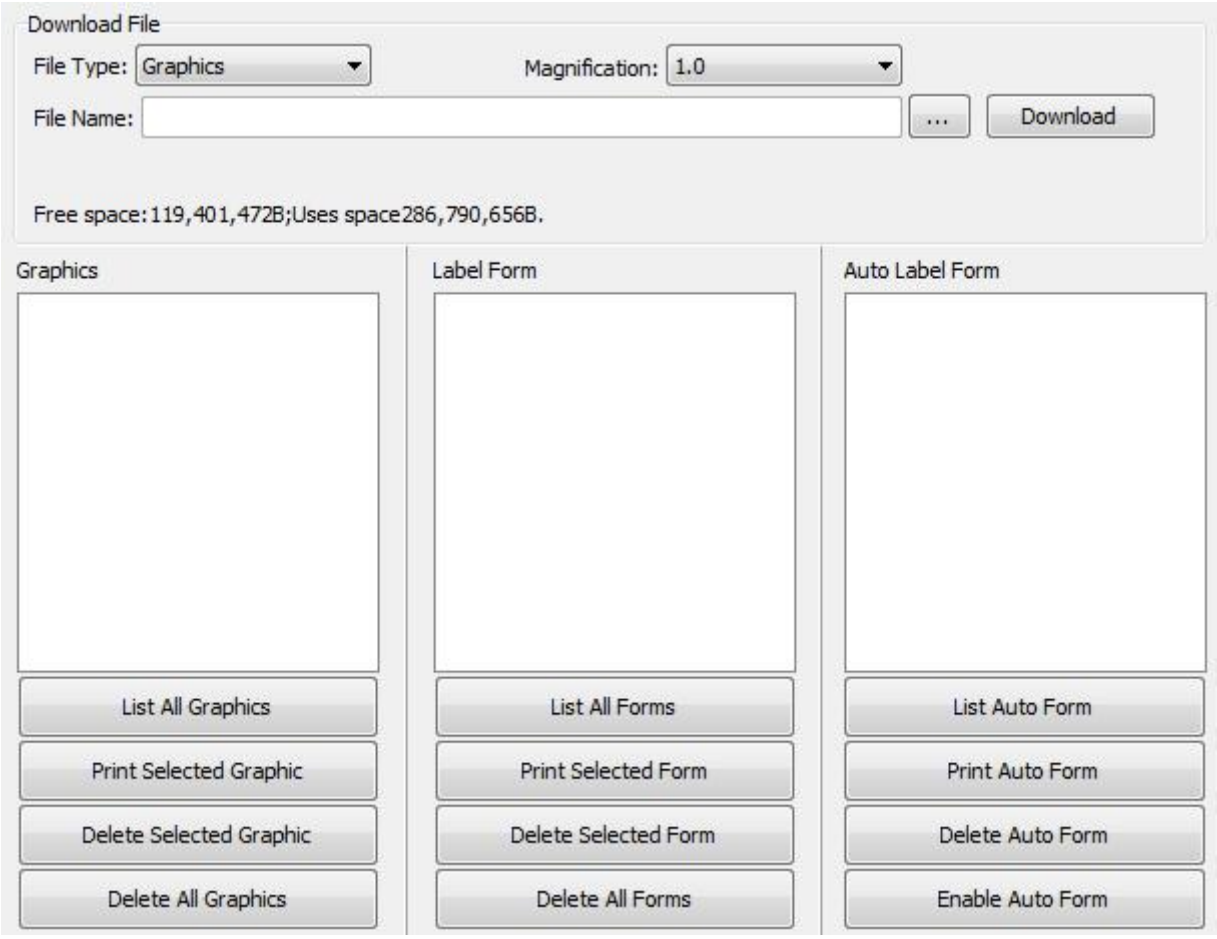
Note:

① **Finishing all the settings, user can click “Set” to save the values changed.**

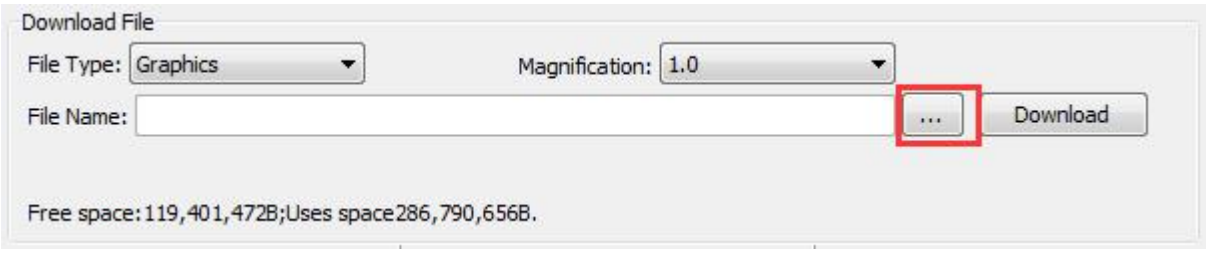
② **Click “Get”, and user will get the default values.**



3.Click “Storage” to print image.

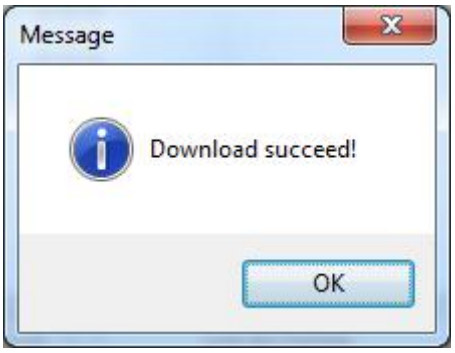


(1) Click "File name" to select the image.

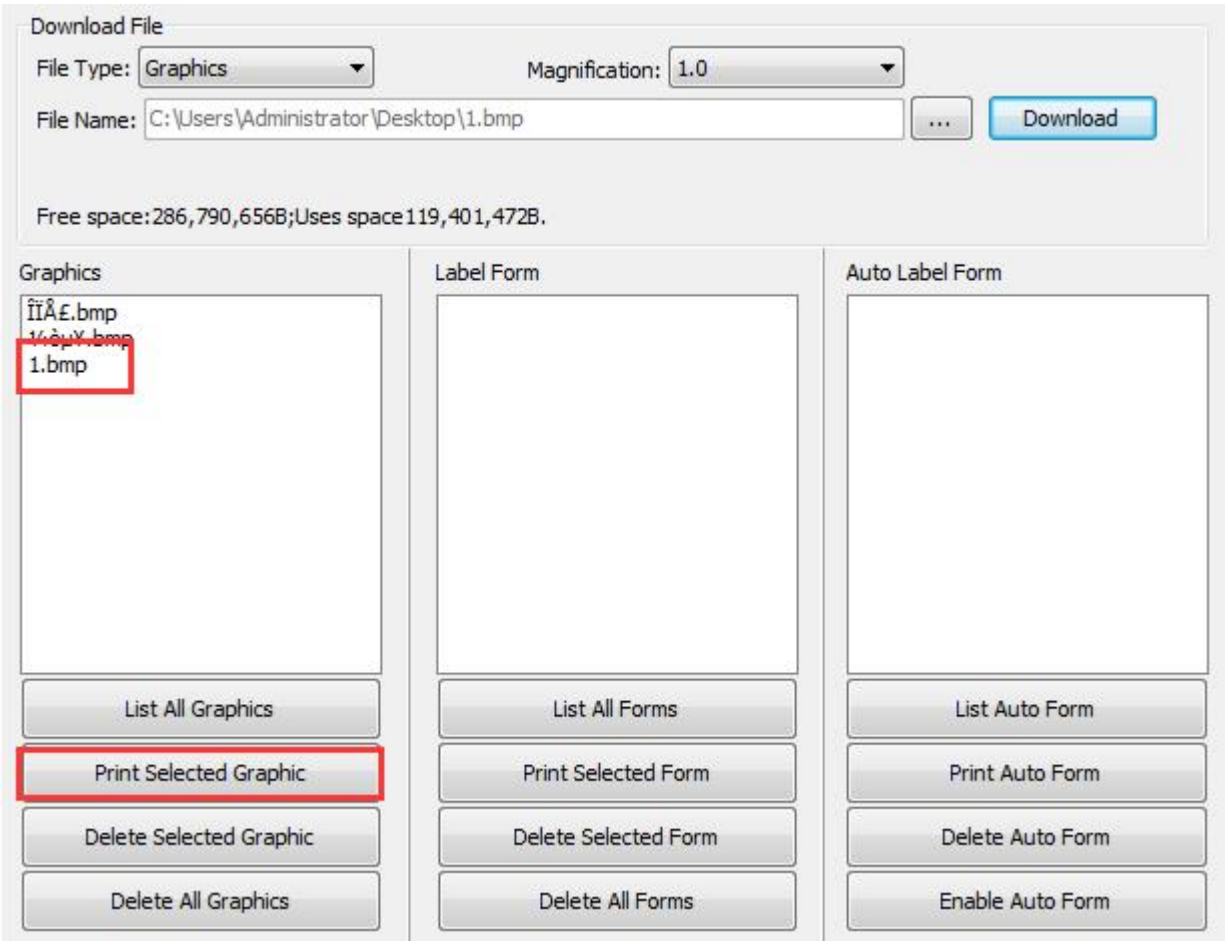


Note: The file name must be in English or number, and the filename length must be less than 32.

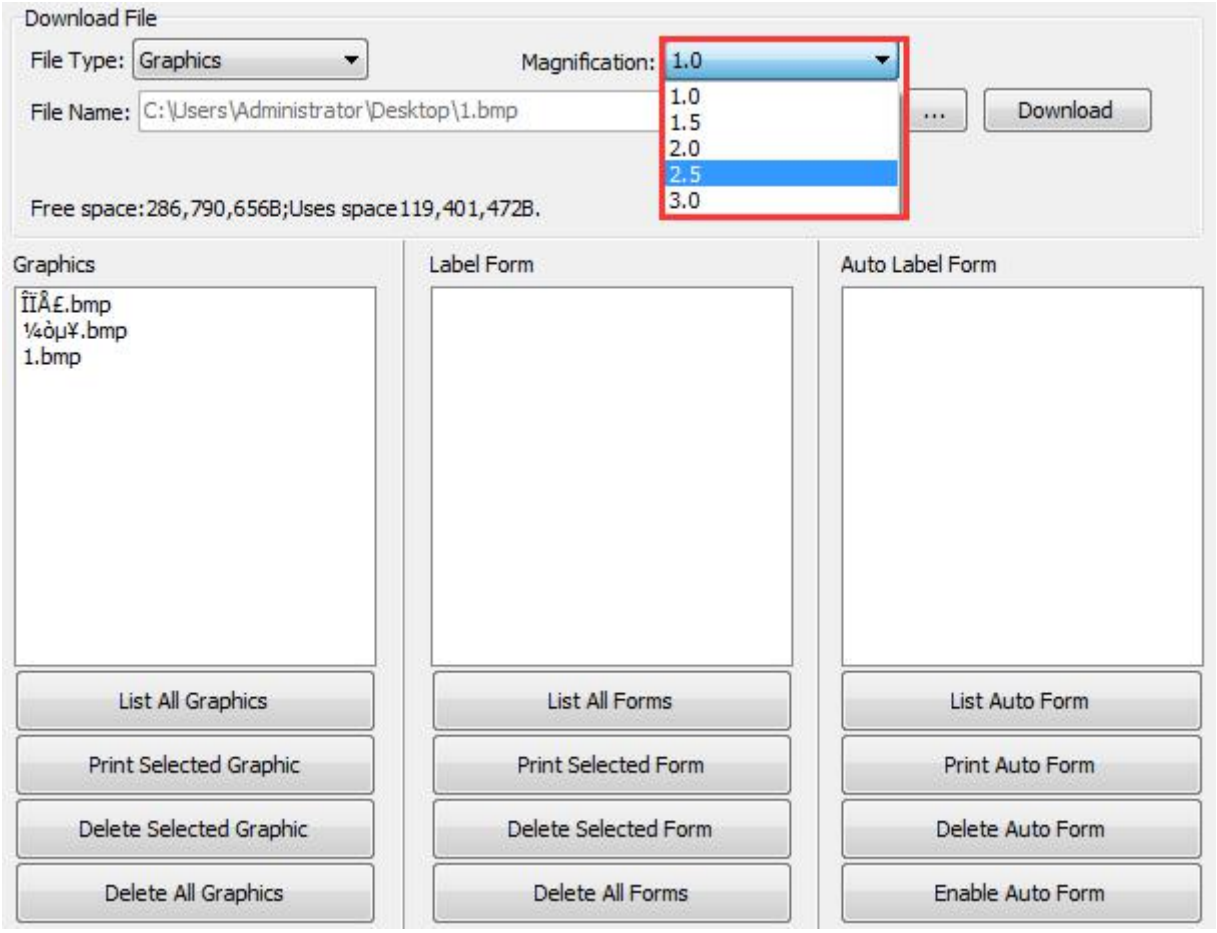
(2) Click “Download”.



(3) Select the downloaded graphic, and then click “print selected graphic”to print the picture.

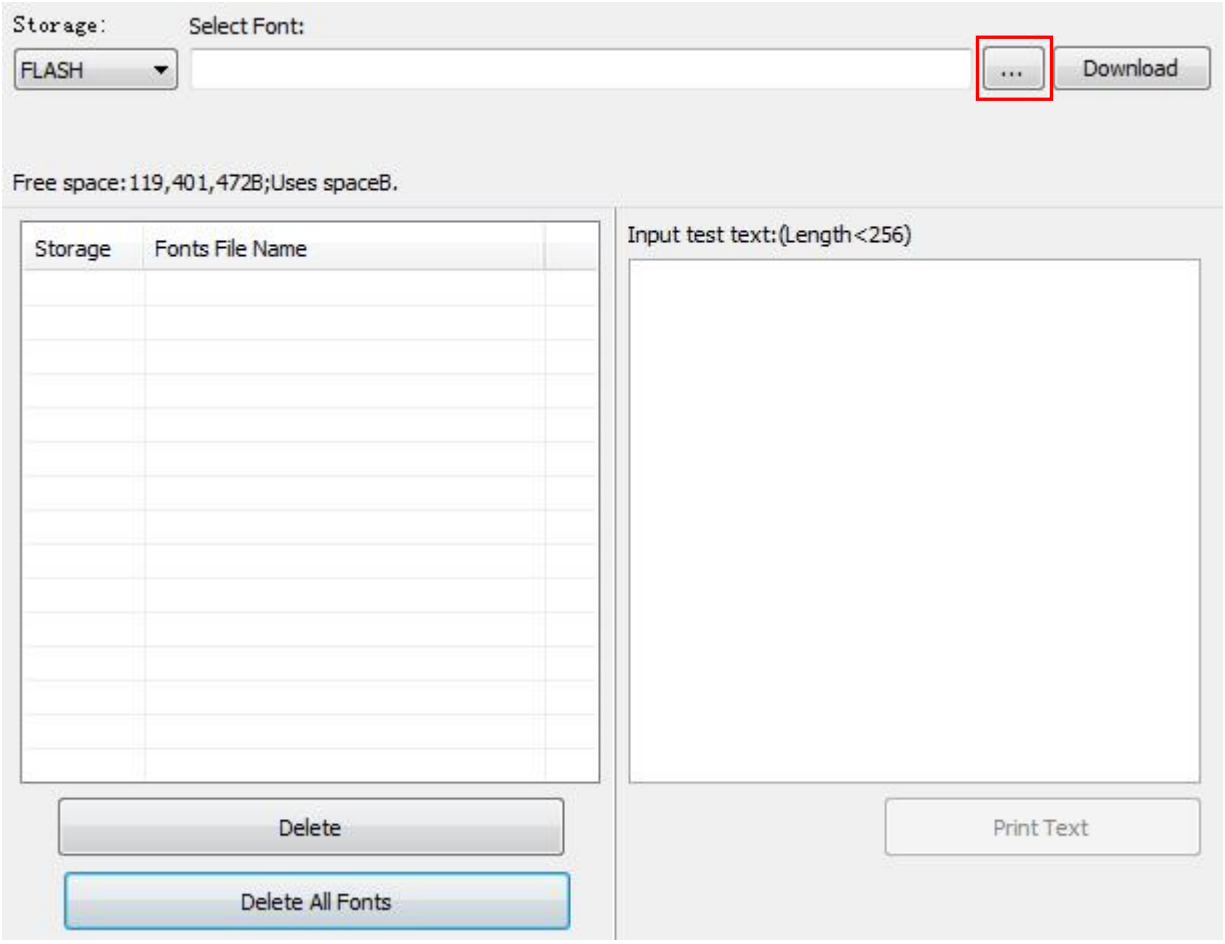


(4) You can set a magnification of the graphic as needed.

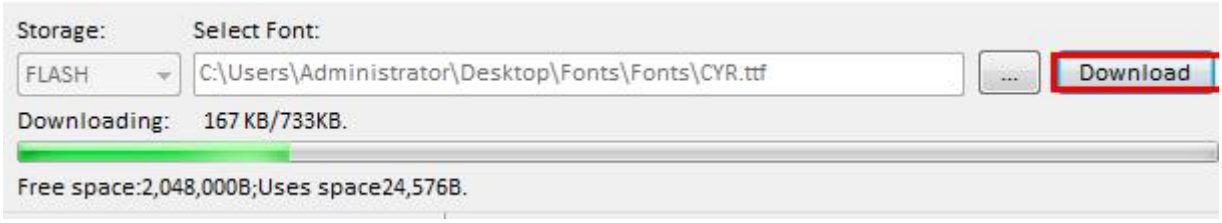


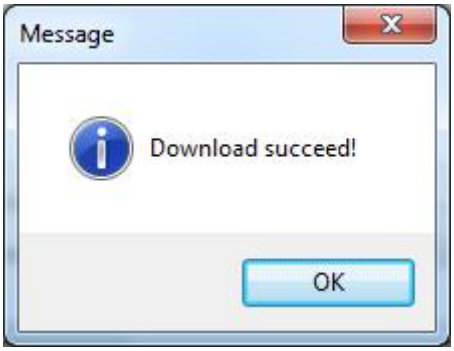
4.Click "Download Vector fonts".

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

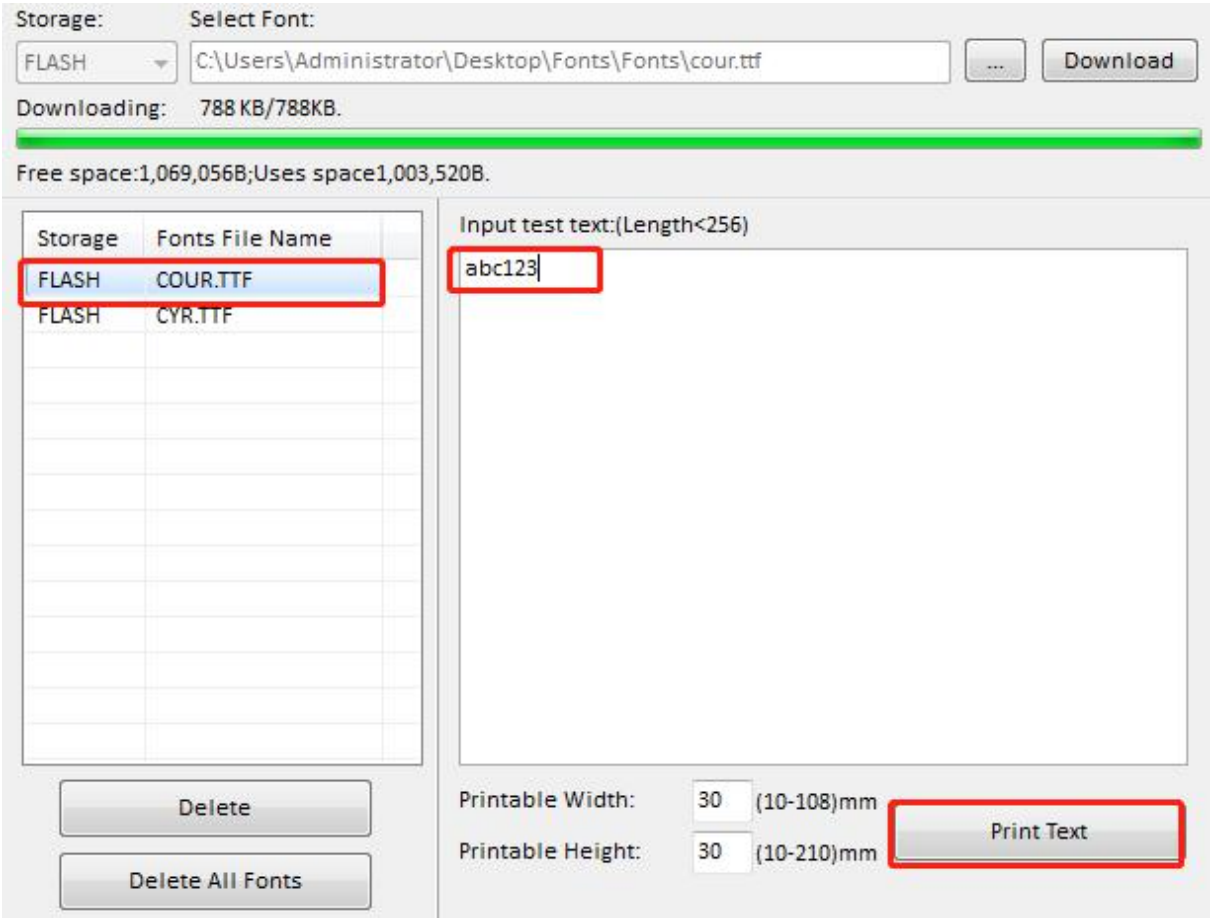


(2) Click "Download" (Note: The font file name must be in English or number).

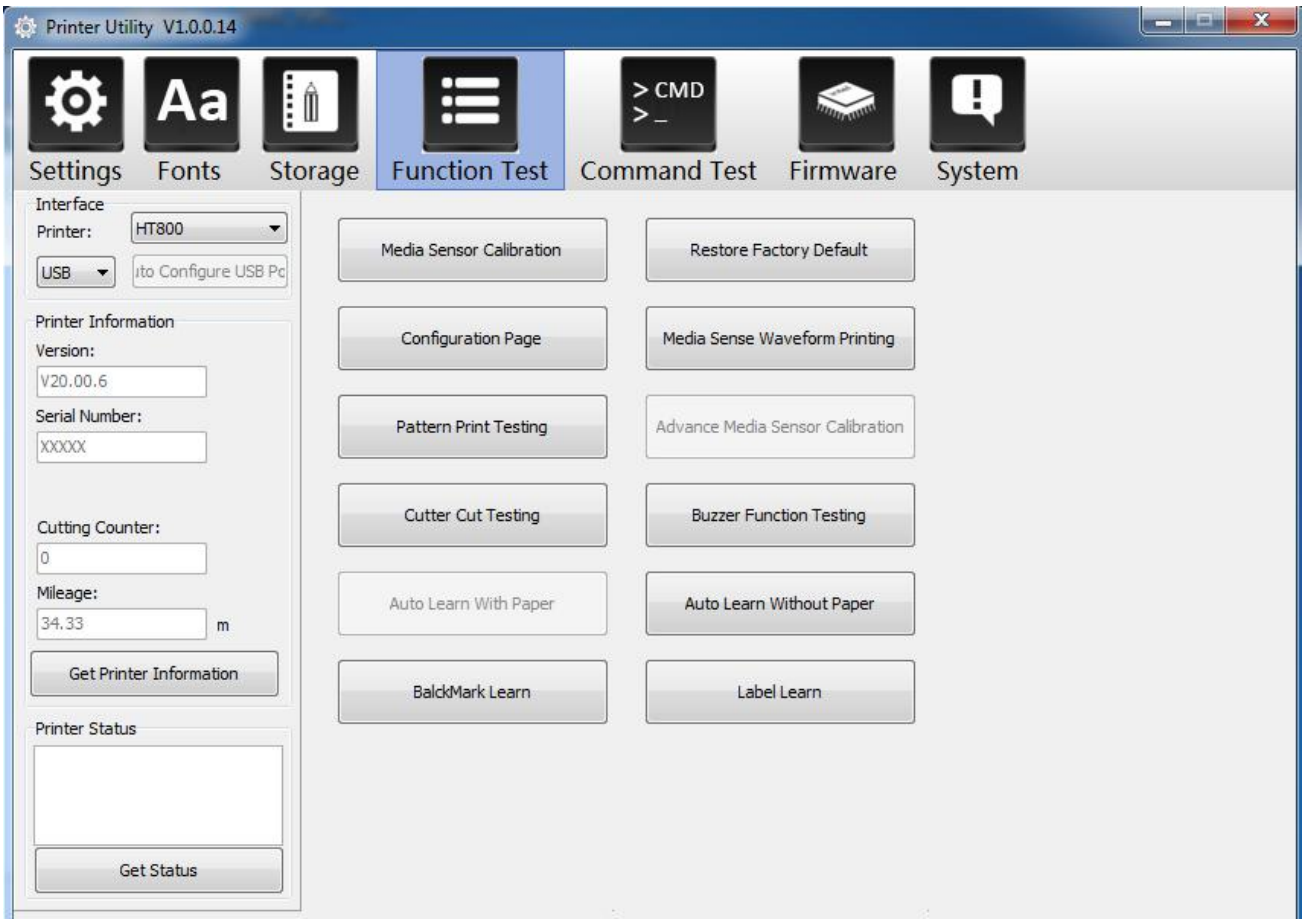




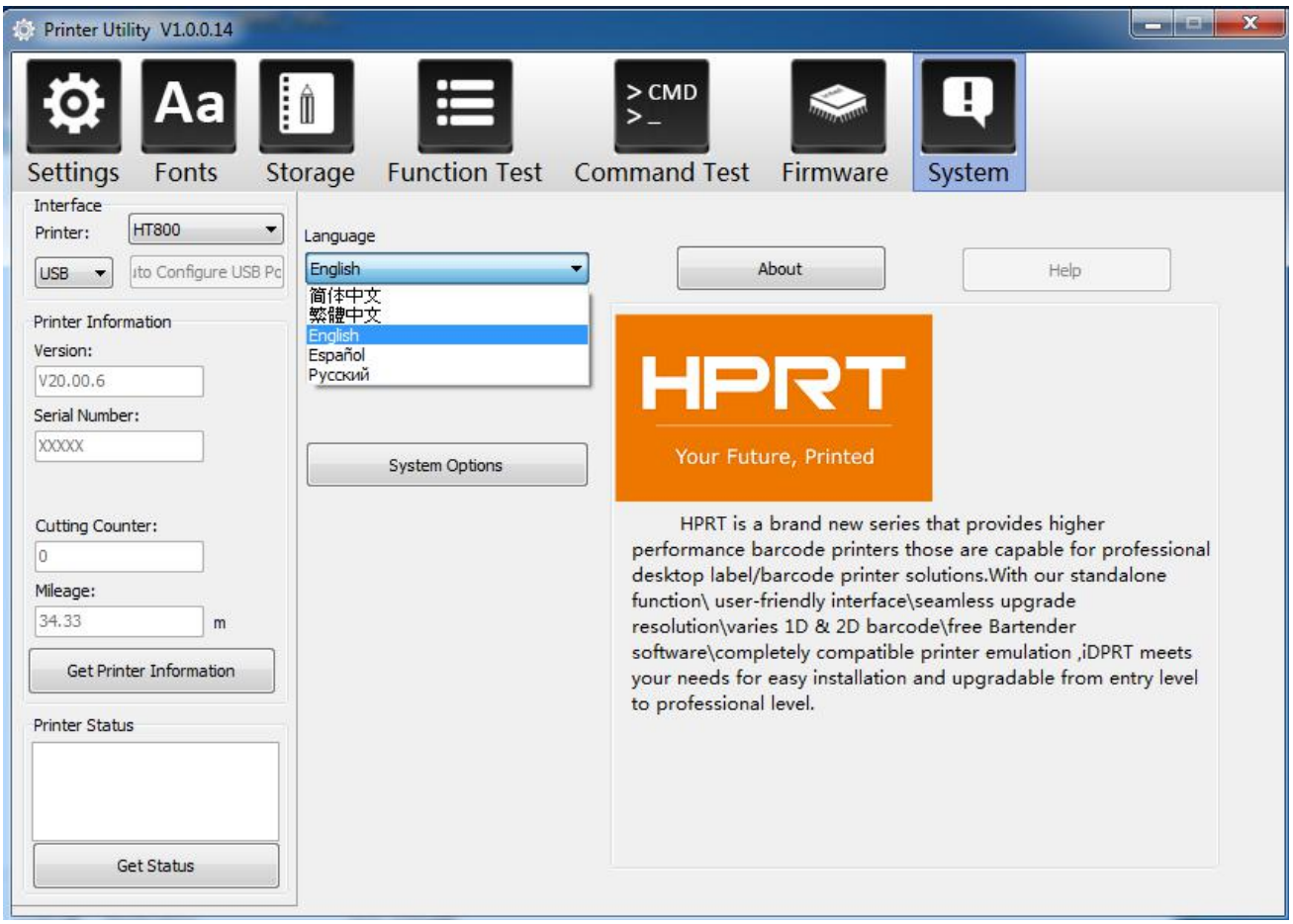
(3) Select the downloaded font file, enter the print content in the text box, and click “Print Text”.



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.



Chapter 7 Windows Driver Instructions

7.1 Introduction

The following operating systems are supported:

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

7.2 Installation Preparation

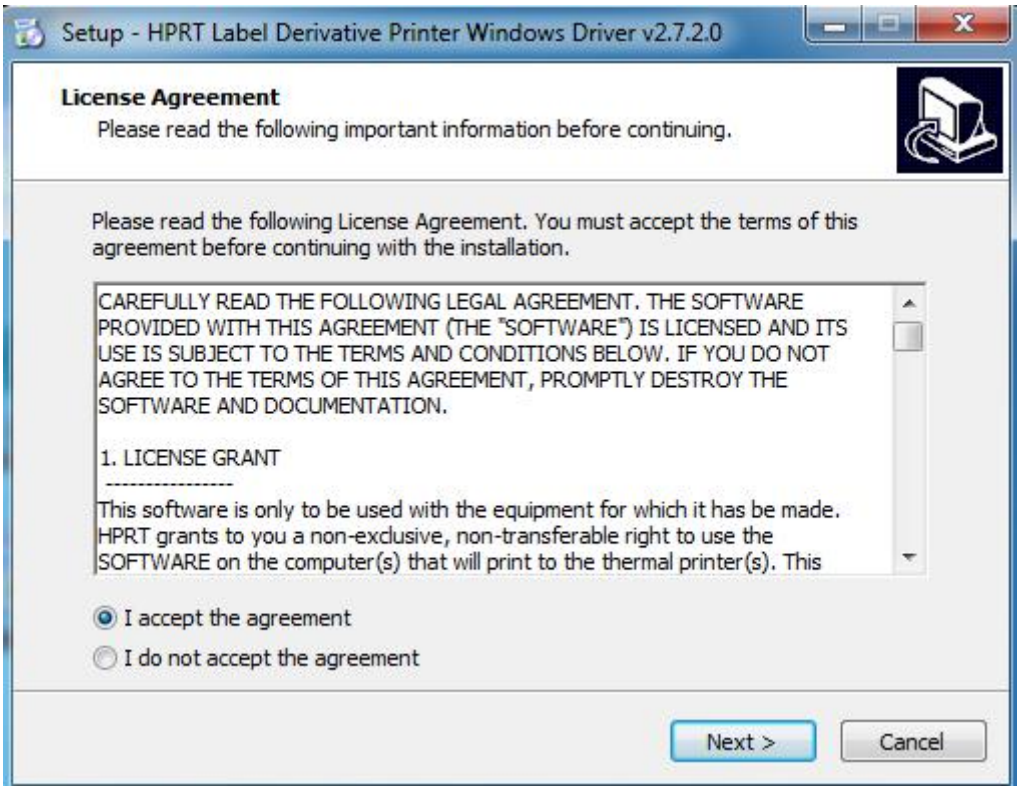
Download Windows Driver application program in CD.

7.3 Installation

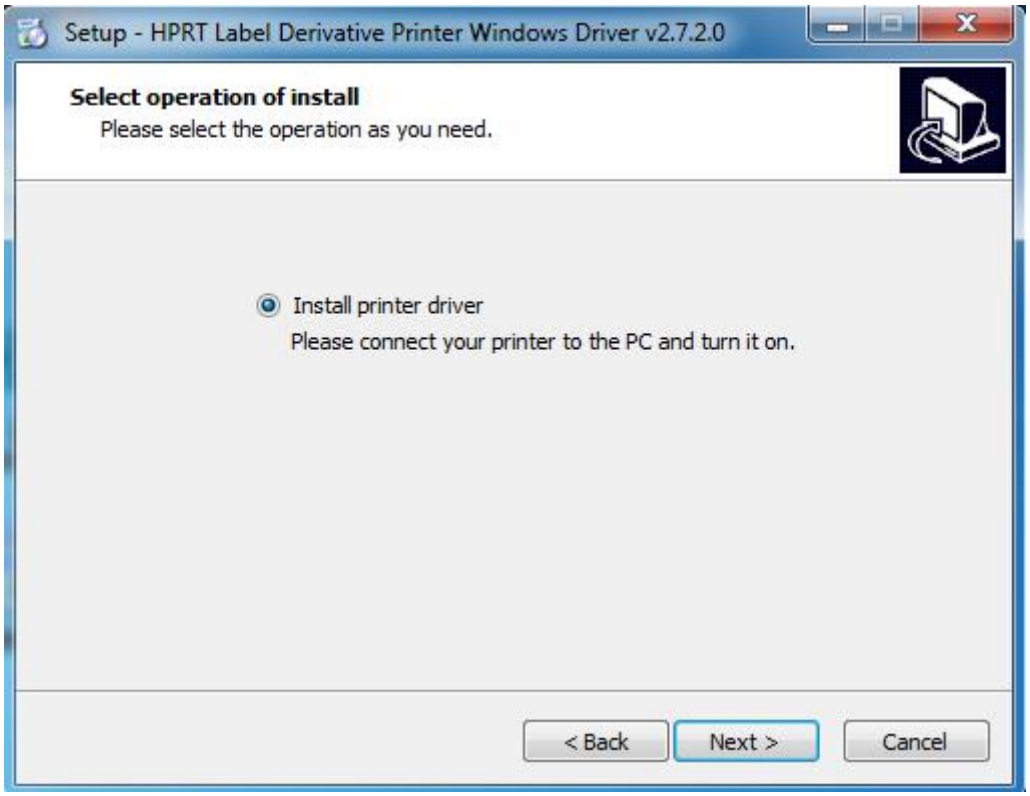
Note:

- **Under different operating systems, the screen may be slightly different. Take Windows 7 as example.**
- **To avoid the prevention, recommend to close the security software before installation.**

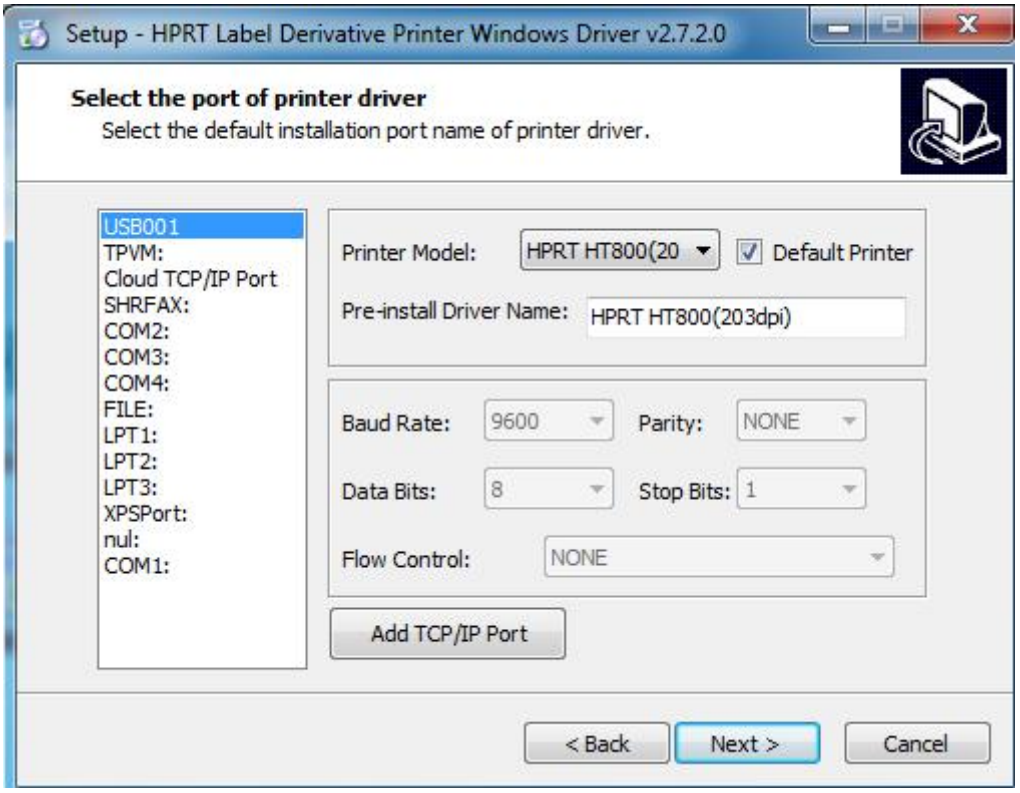
1.Select one interface to connect your printer to computer.
2.Turn on the printer and check if it is connected to computer successfully.
3.Double click Windows Driver.
4.Read and agree the license agreement. Then click “Next”.



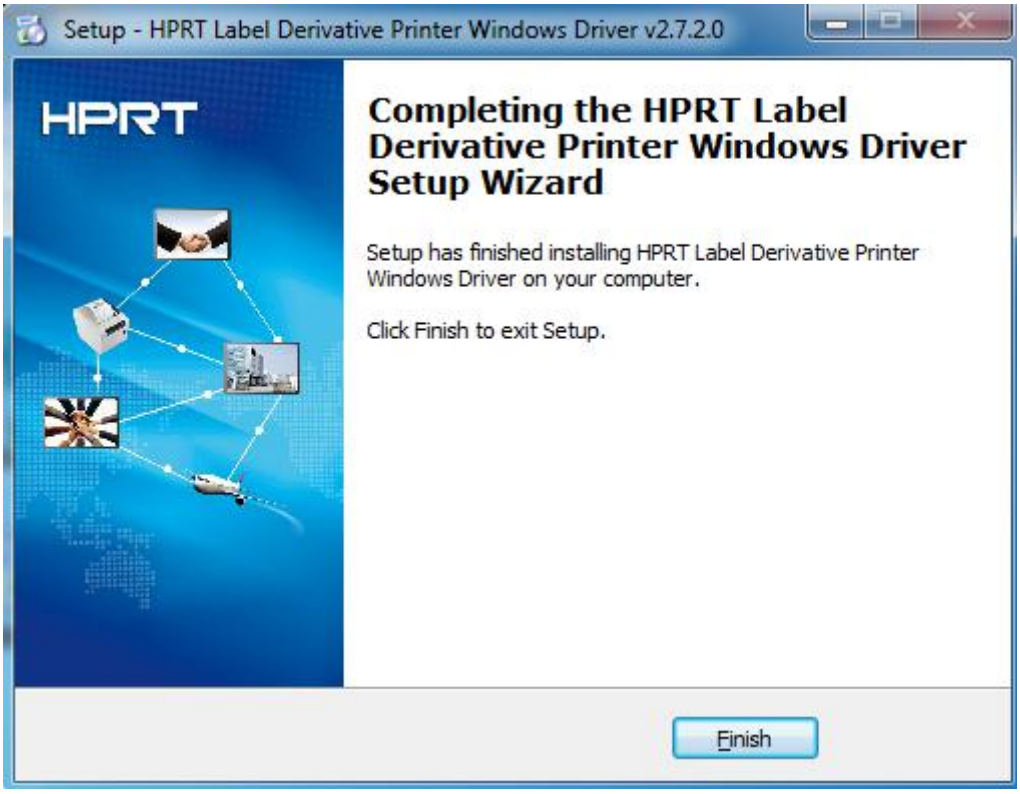
5.Choose “Install printer driver”, then click “Next”.



6.Select the port of printer driver, then click “Next”.



7.Click "Finish".



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

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

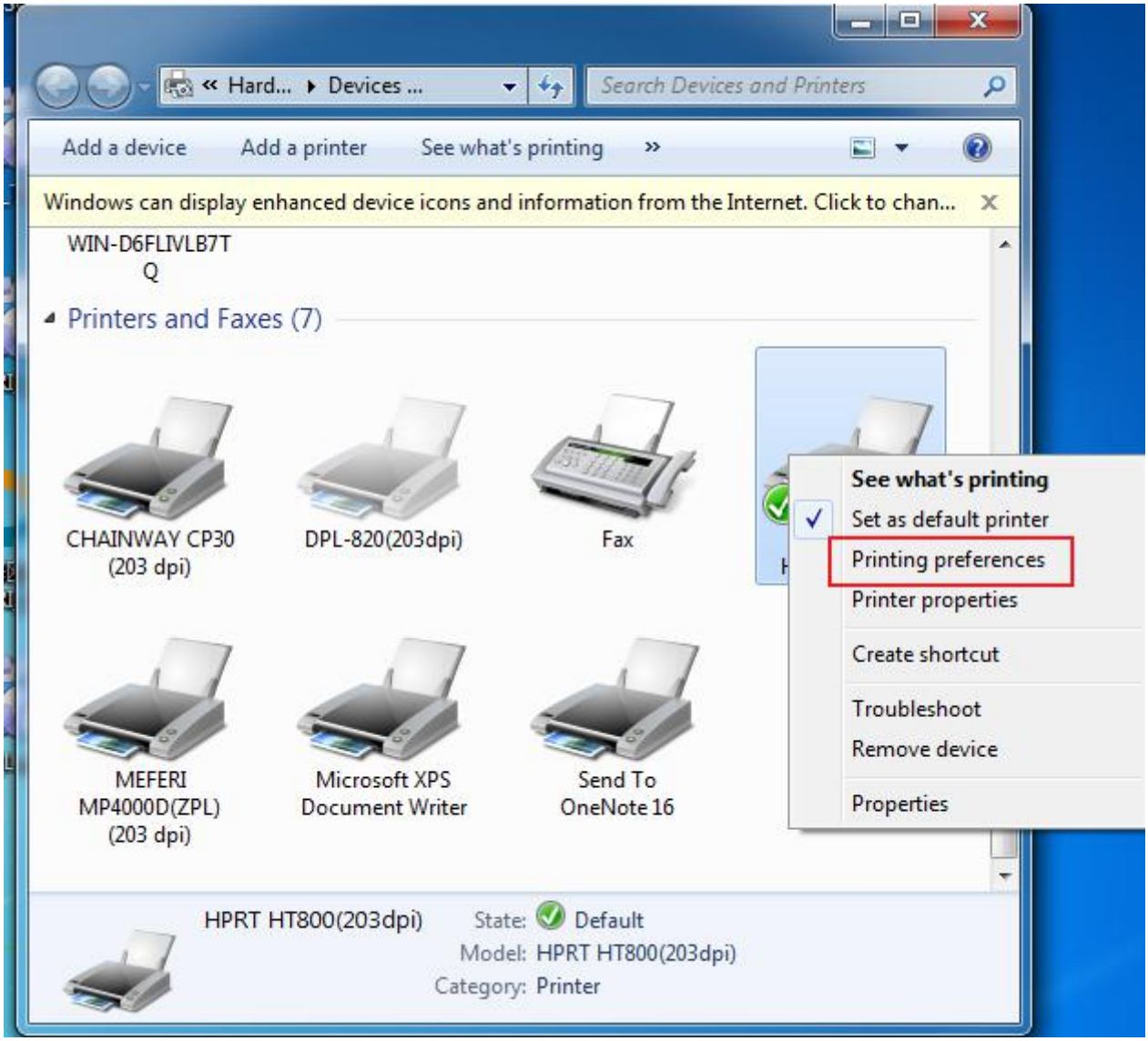
Note:

- **If you have already installed the driver (No matter what kind of ports), it will generate a USB port automatically when connecting the printer to computer.**
- **Any problems exist, please use our utility tool in CD.**

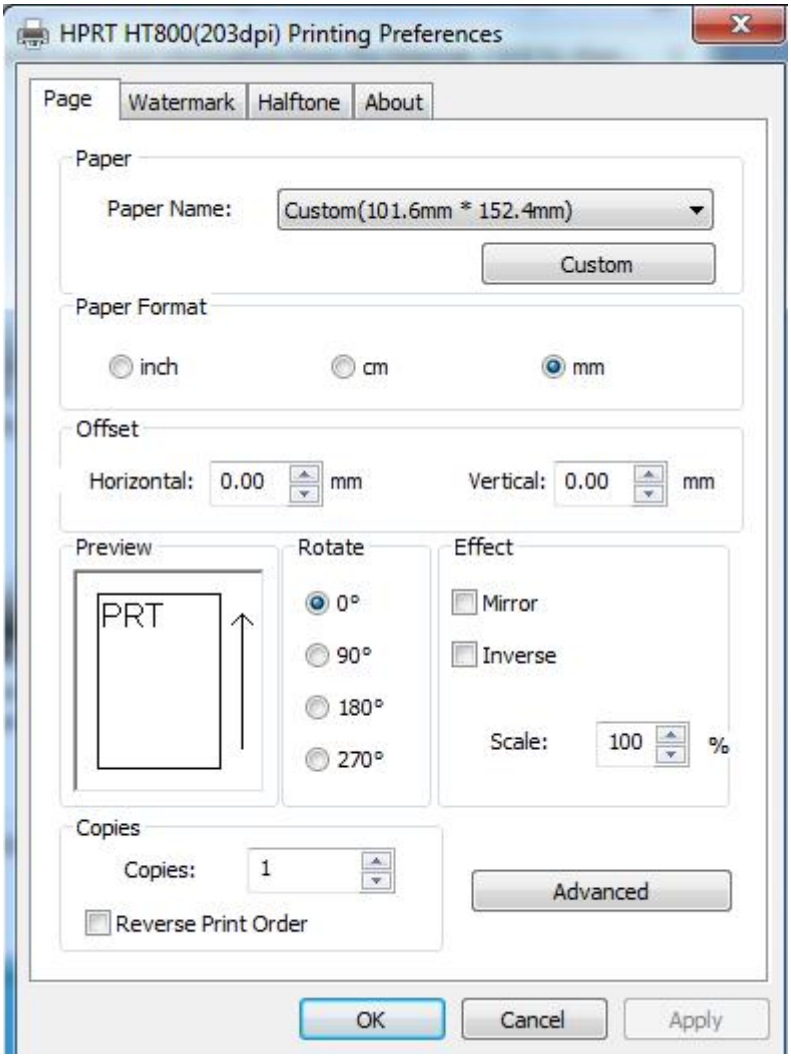
7.4 Usage

7.4.1 Printing Preferences

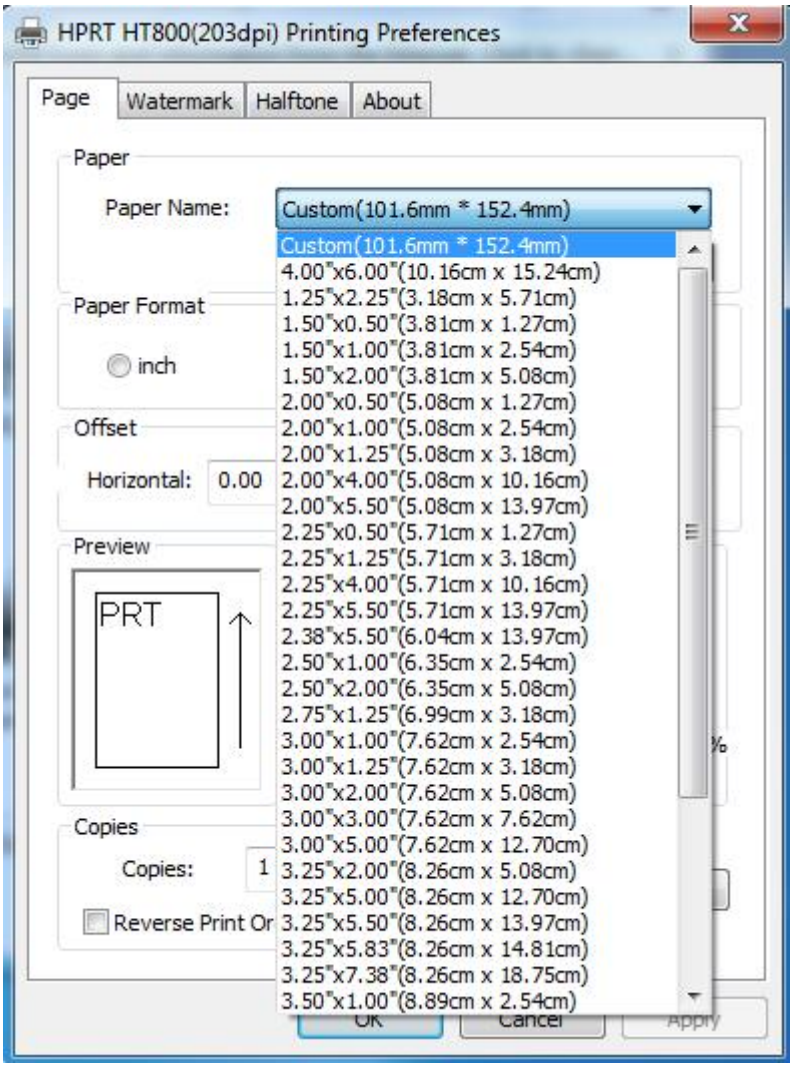
1.Click “Start”→“Devices and Printers”. Right click the icon and choose “Printing preferences”.



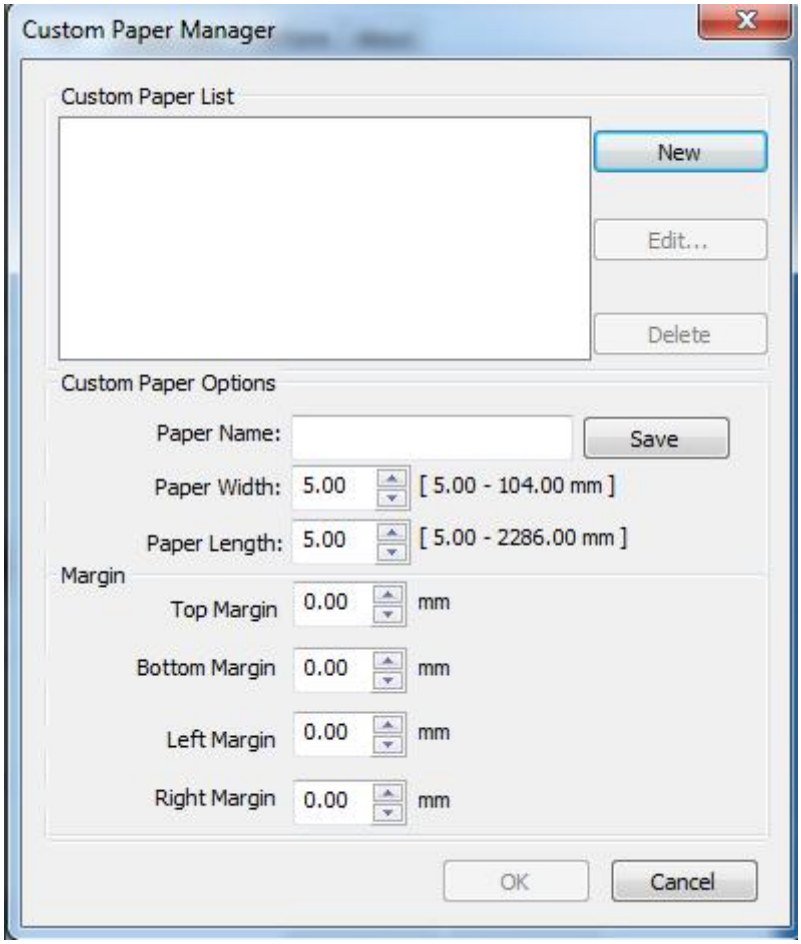
2.According to different needs, set up the page.



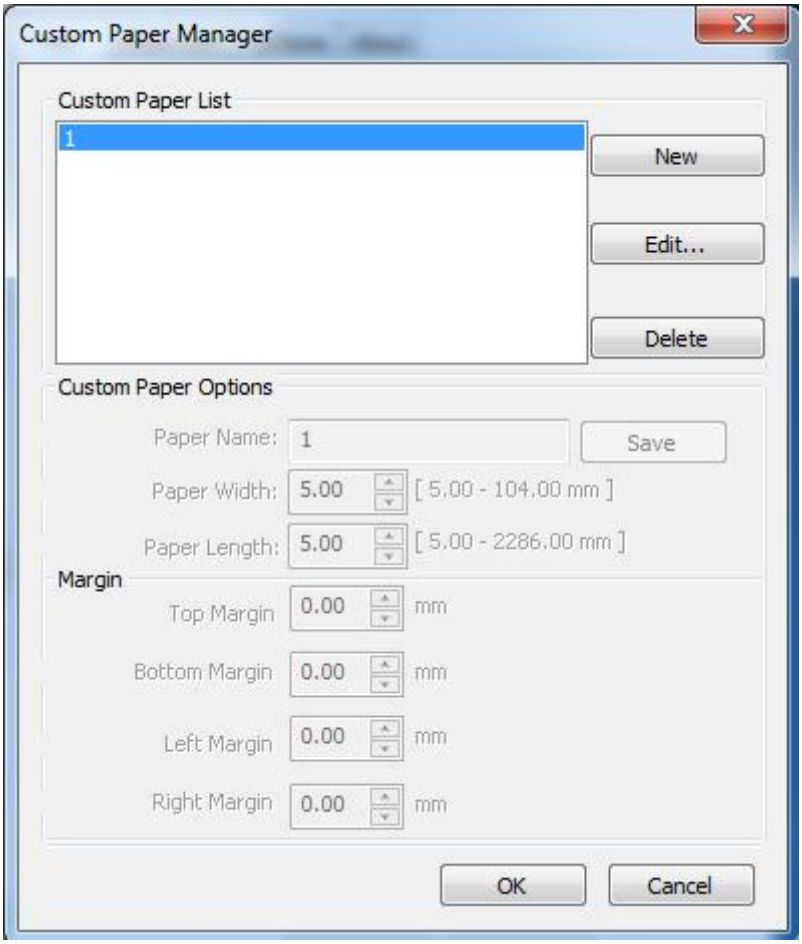
●Click “Paper”→“Name”, and choose the paper type.



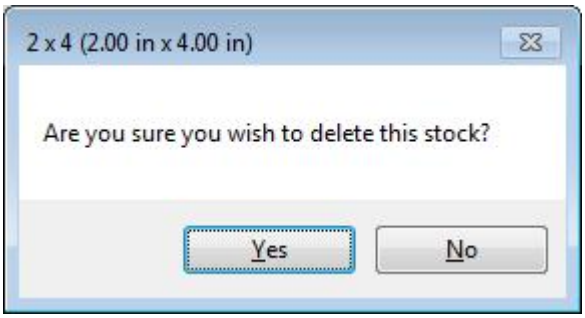
●Click “Custom”-->“New ”, and set up a new stock.



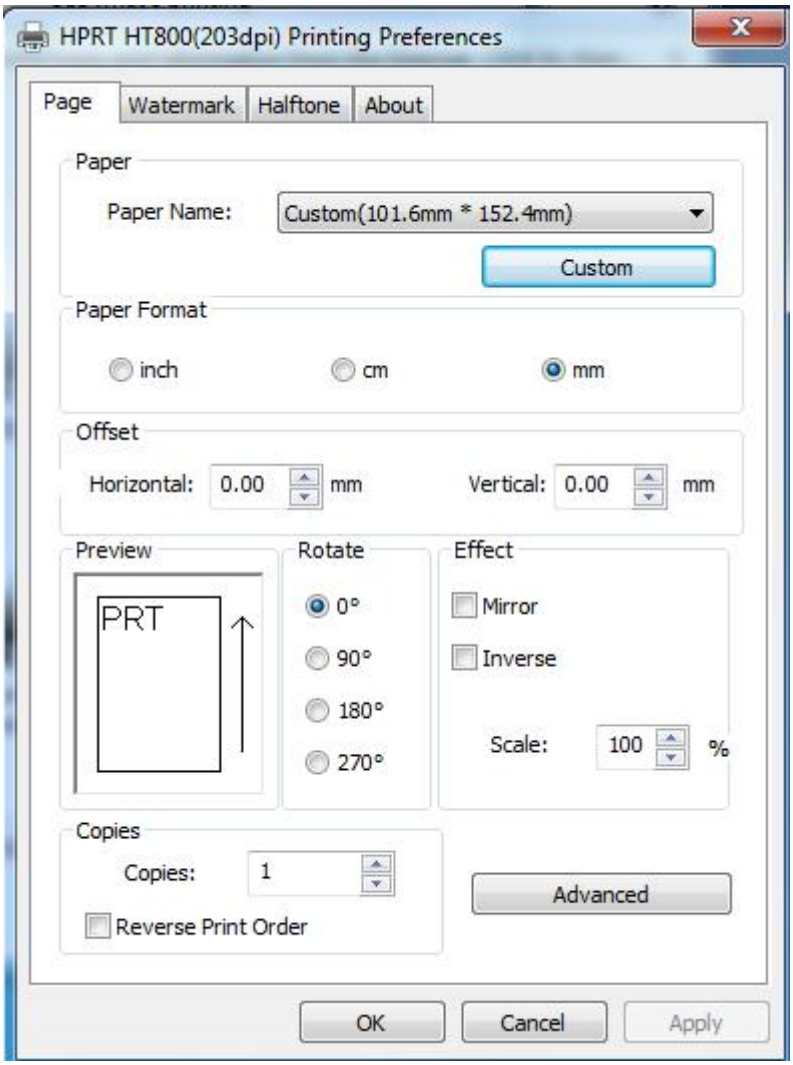
●Click “Edit”, and edit the stock.



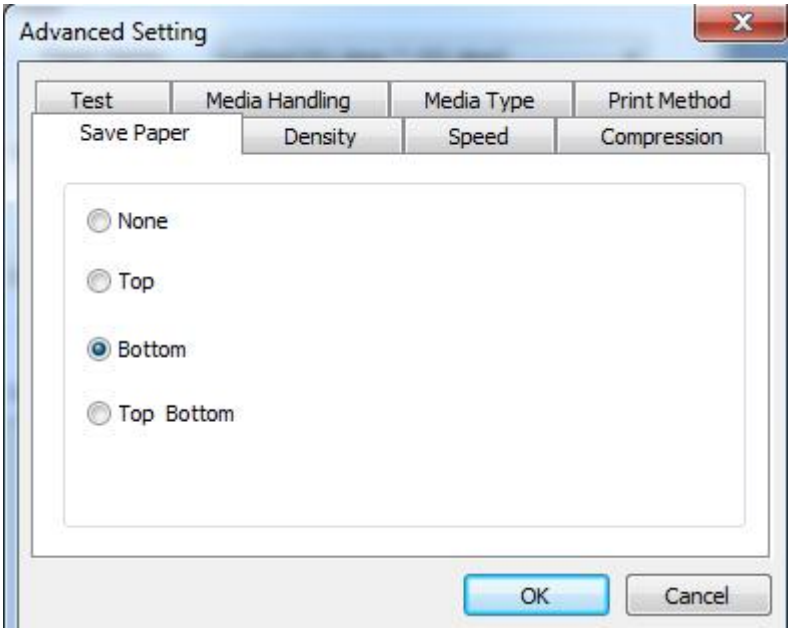
●Click “Delete”, and delete the stock.



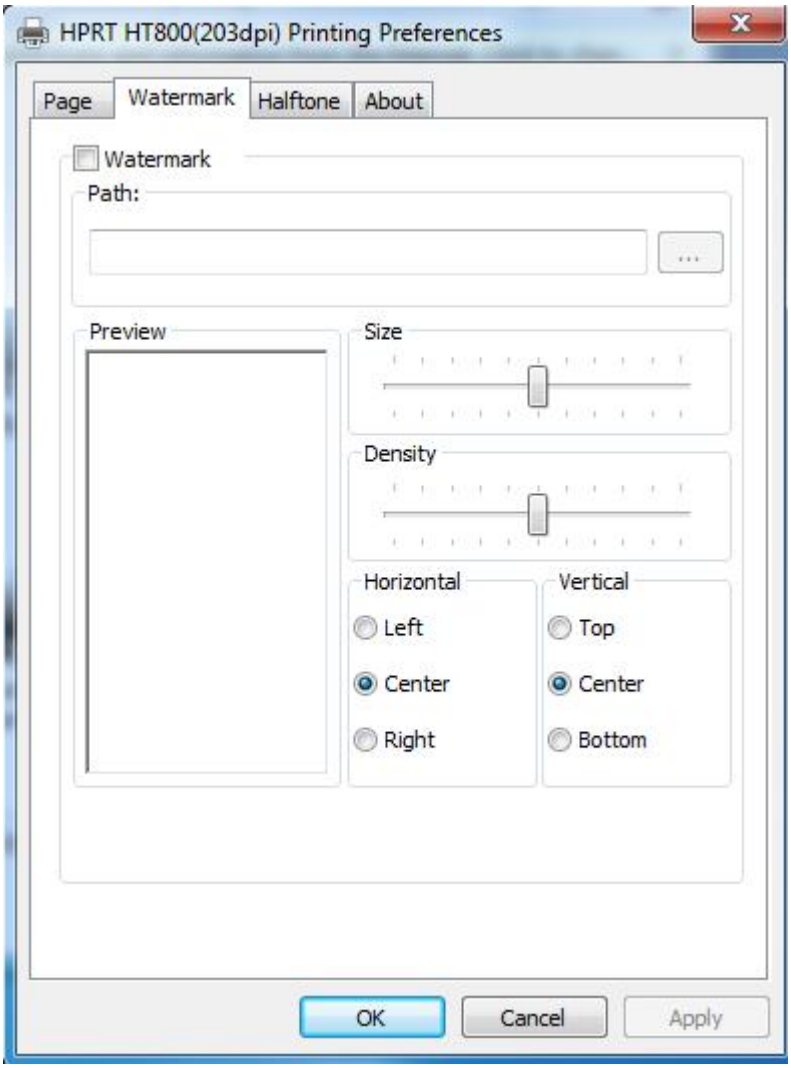
●Choose “Rotate” or “Effects”, showed in the “Preview”.



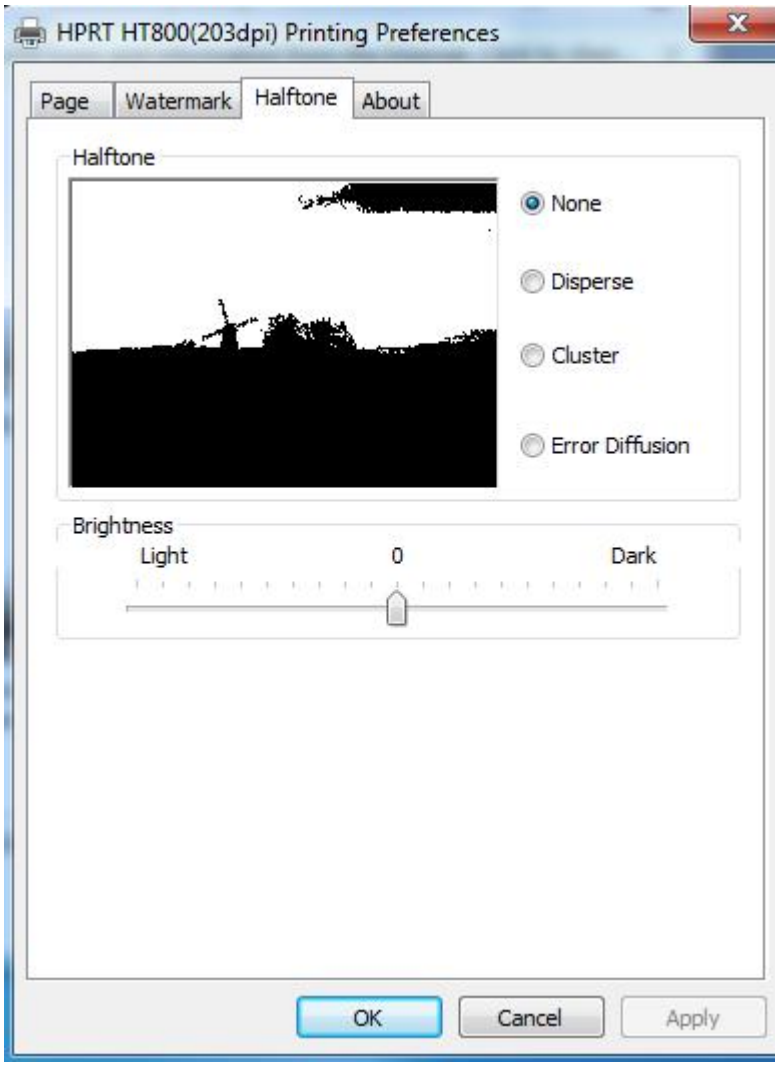
●Click “Advanced”, and change the settings.



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

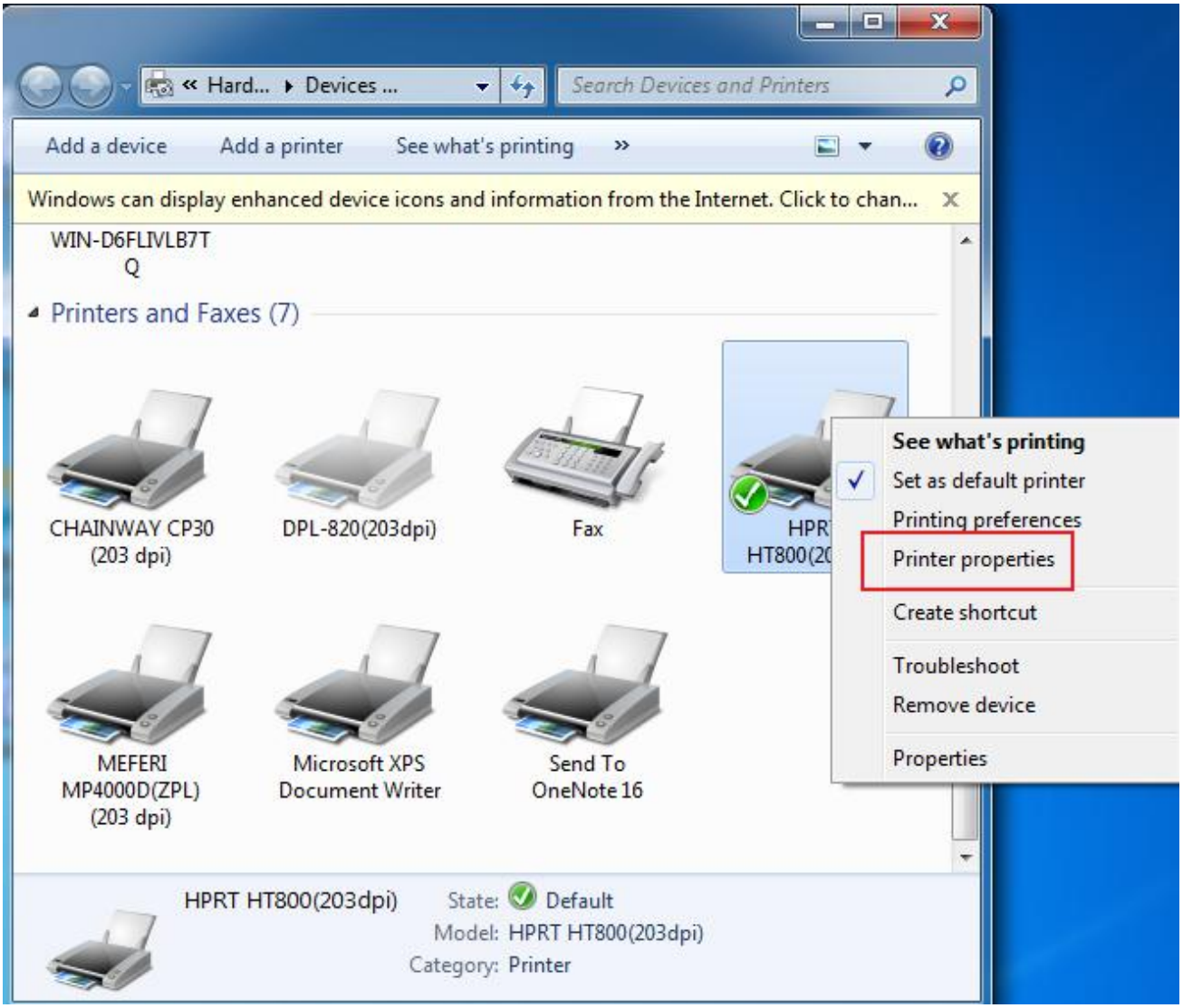


4.Click “Halftone”.

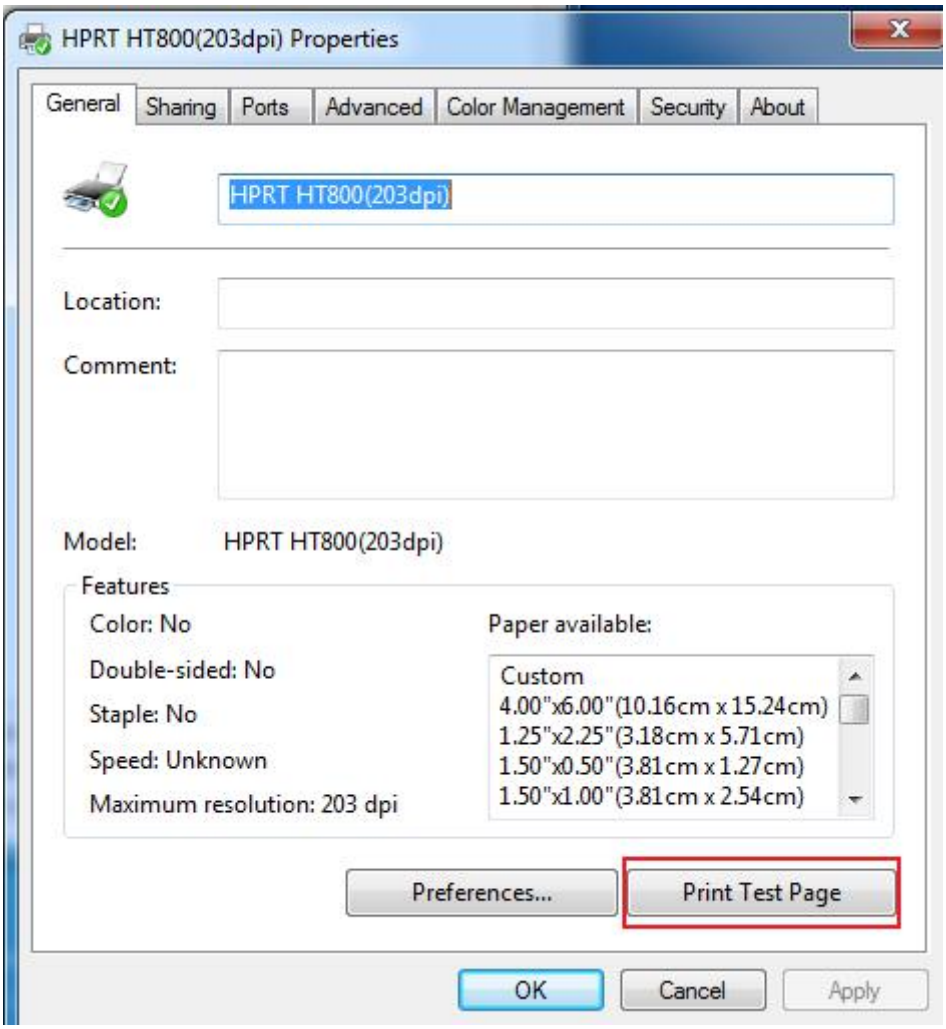


7.4.2 Printer Properties

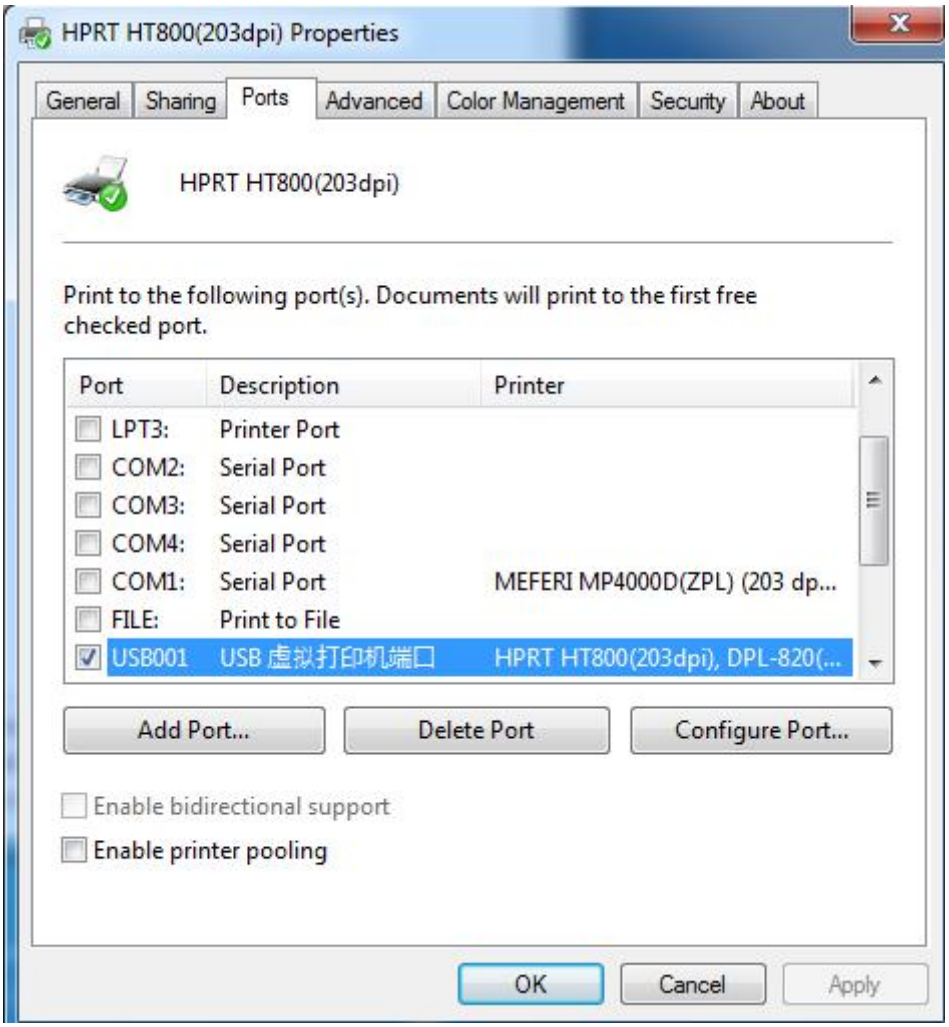
1.Click “Start”→“Devices and Printers”. Right click the icon and choose “Printer properties”.



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



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



7.5 Label’s Width

USER(4.00 in x 4.00 in)
2x4(2.00 in x4.00 in)
4x4(4.00 in x4.00 in)
4x6(4.00 in x 6.00 in)

Chapter 8 BarTender Ultralite Instructions

8.1 Introduction

This chapter provides instructions on BarTender Ultralite program according to PC operating systems(OS).

The followings are supported.

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

8.2 Installation Preparation

Download BarTender Ultralite application program in CD.

8.3 Installation

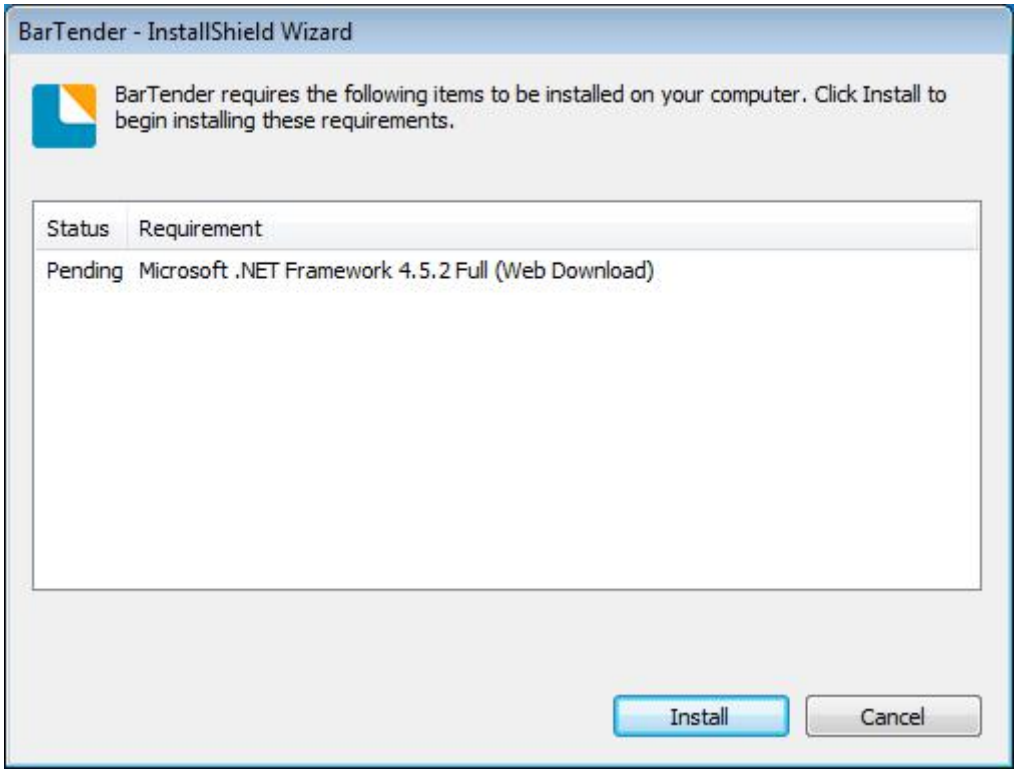
Note:

- **Under different operating systems, the screen may be slightly different. Take Windows 7 as example.**
- **Take printer iT4E as example.**
- **To avoid the prevention, recommend to close the security software before installation.**

1.Double click the application program .

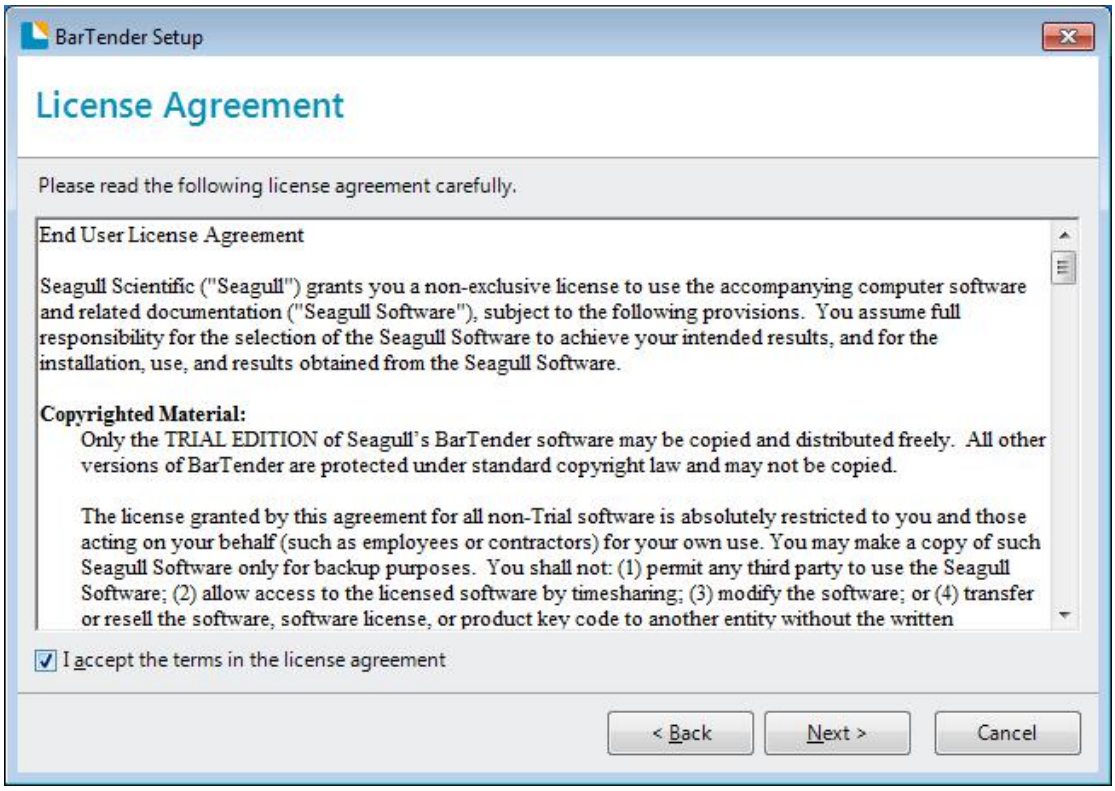
2.Select language, then click "OK".

3.Click "Install".

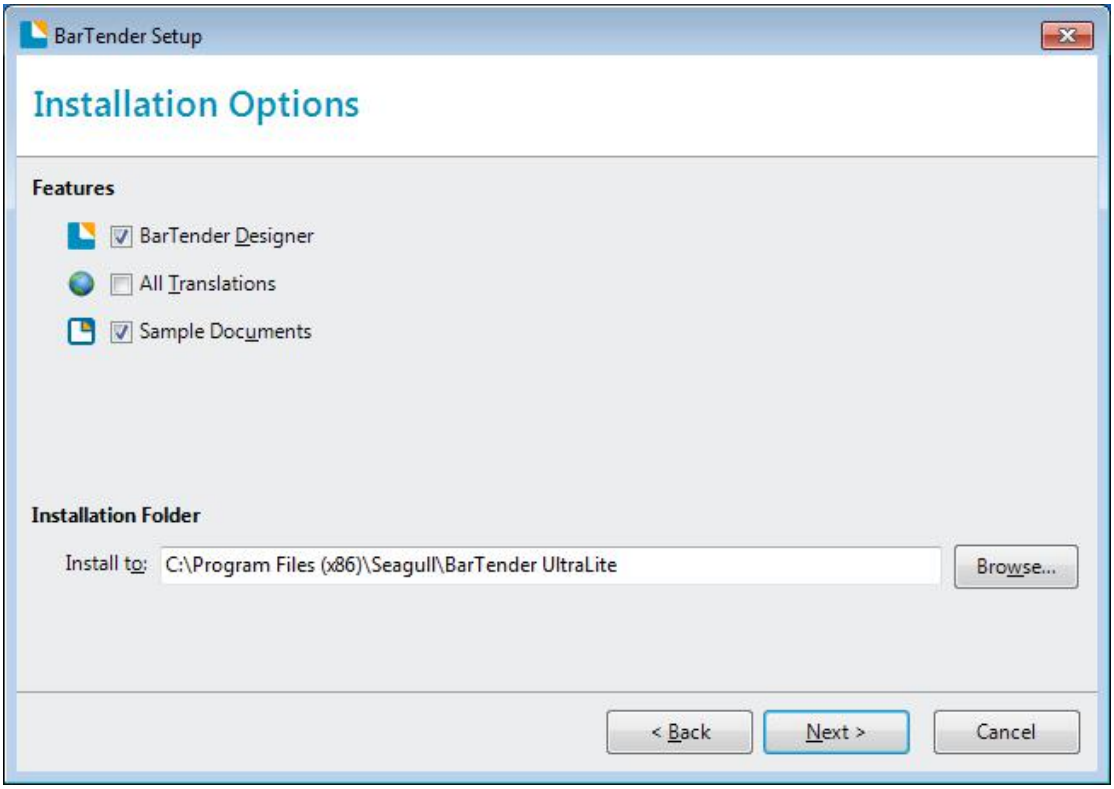


4.Click “Next”.

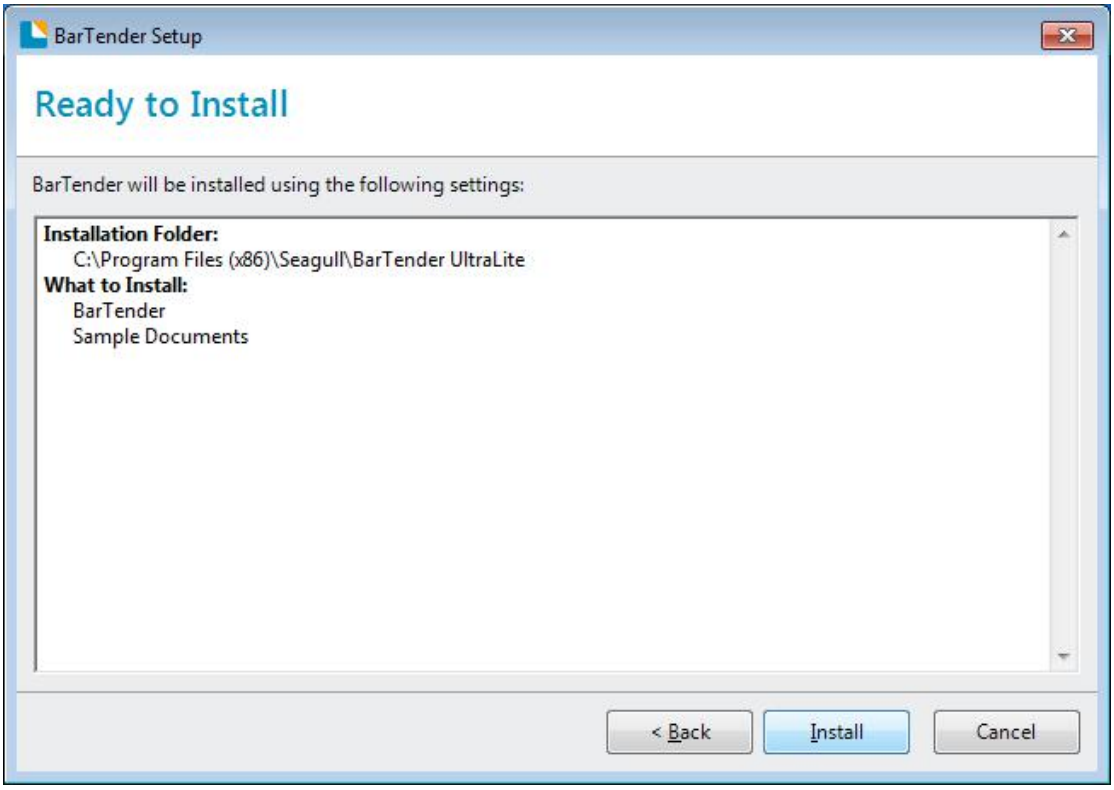
5.Read and accept the license agreement, then click "Next".

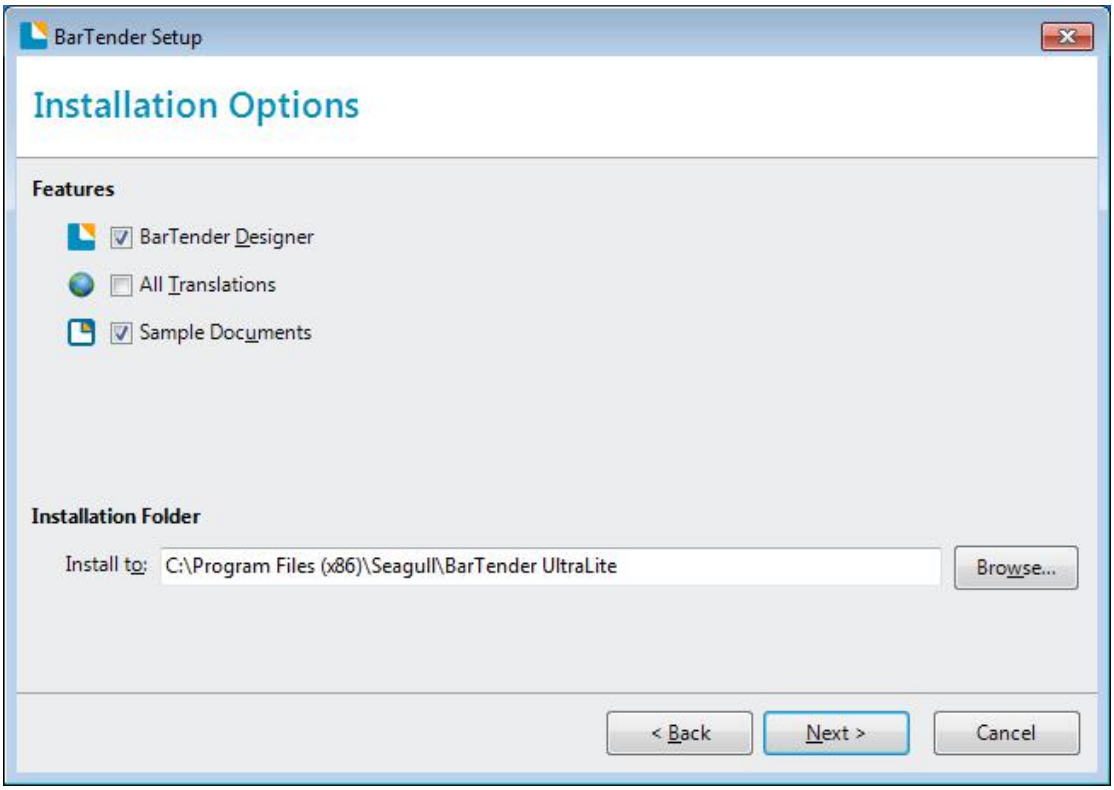


6.Select "Features" and installation location, then click "Next".

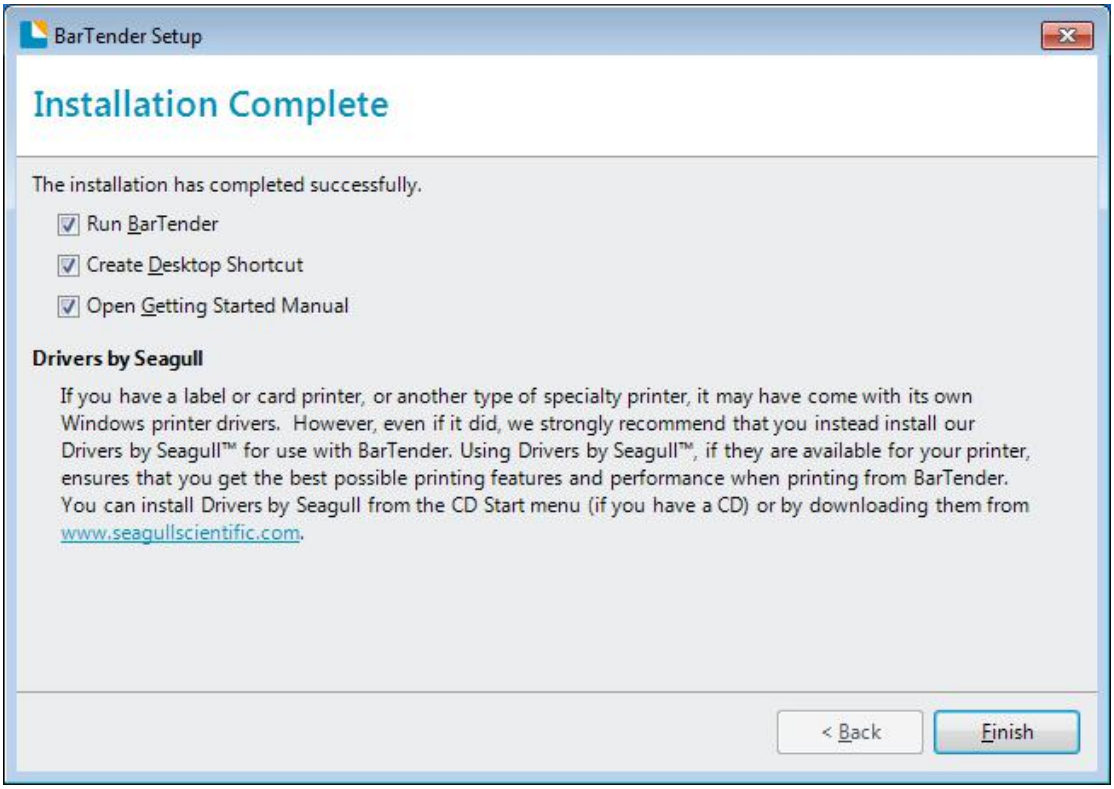


7.Click "Install".





8.Click "Finish".

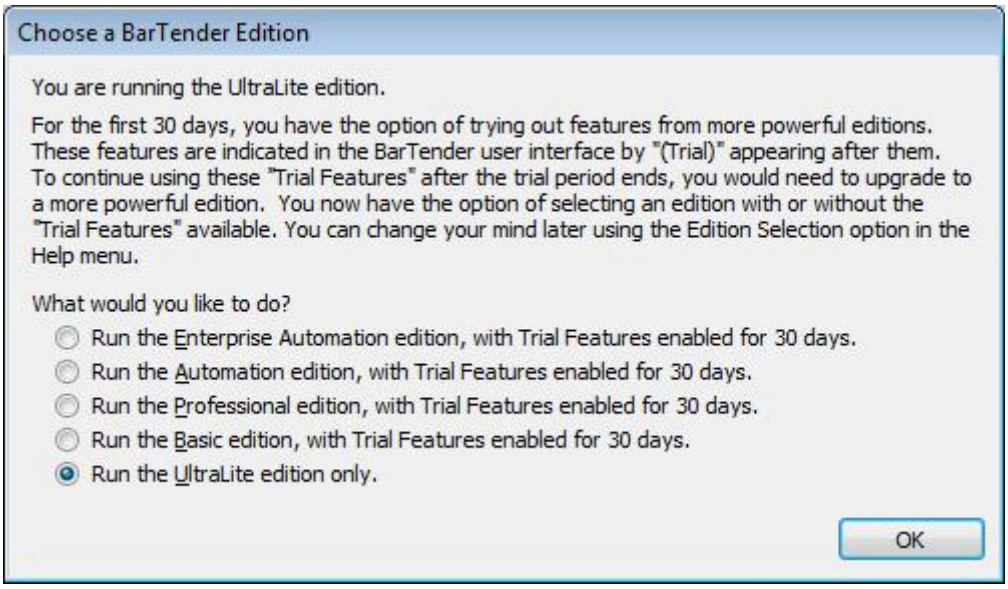


9.Back to desktop, and you will see the icon of BarTender Ultralite. Double click it and get down to use.

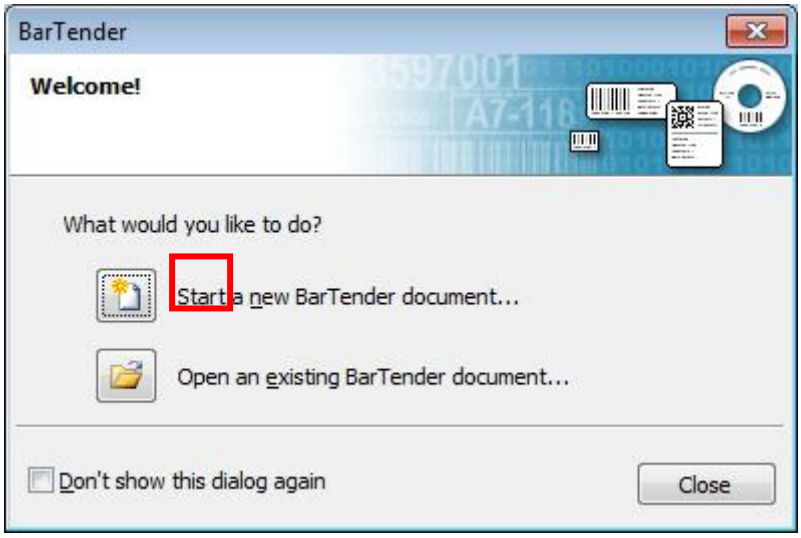
8.4 Usage

8.4.1 Page Settings

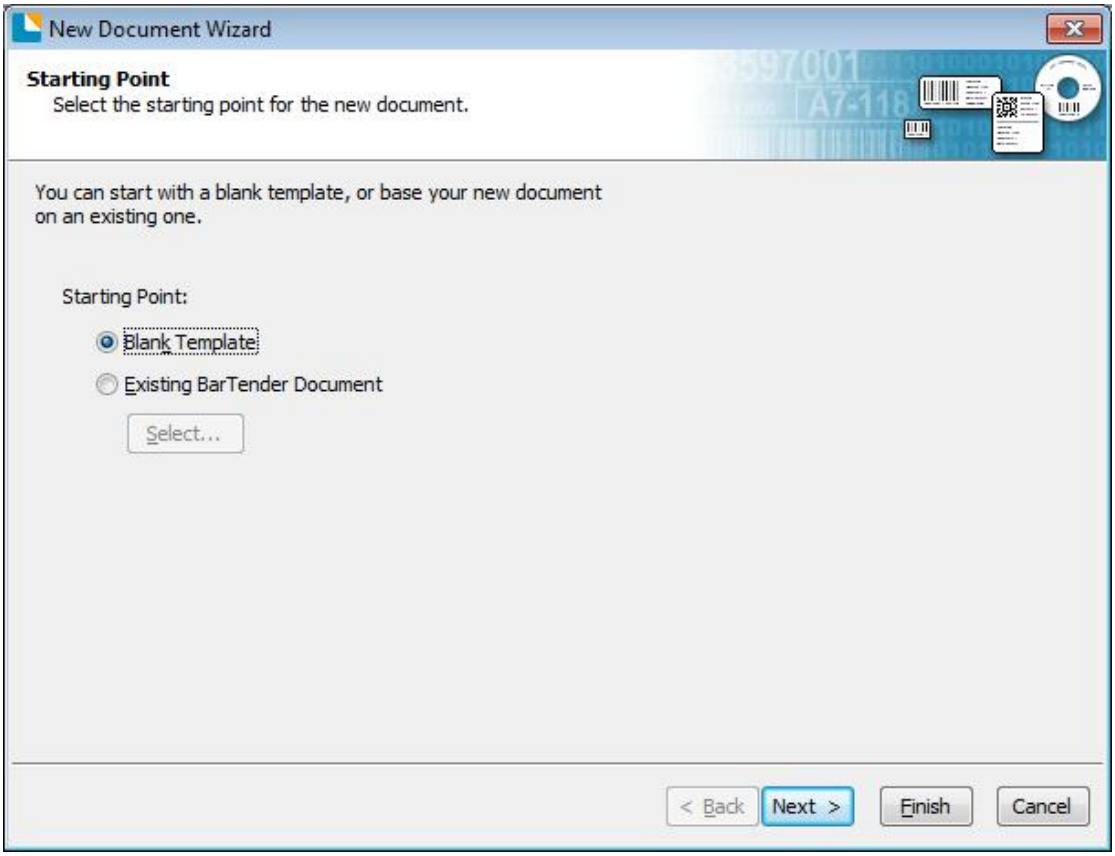
1.Double click the icon, then choose the edition. Click “OK”. (The edition may be changed according to different needs.)



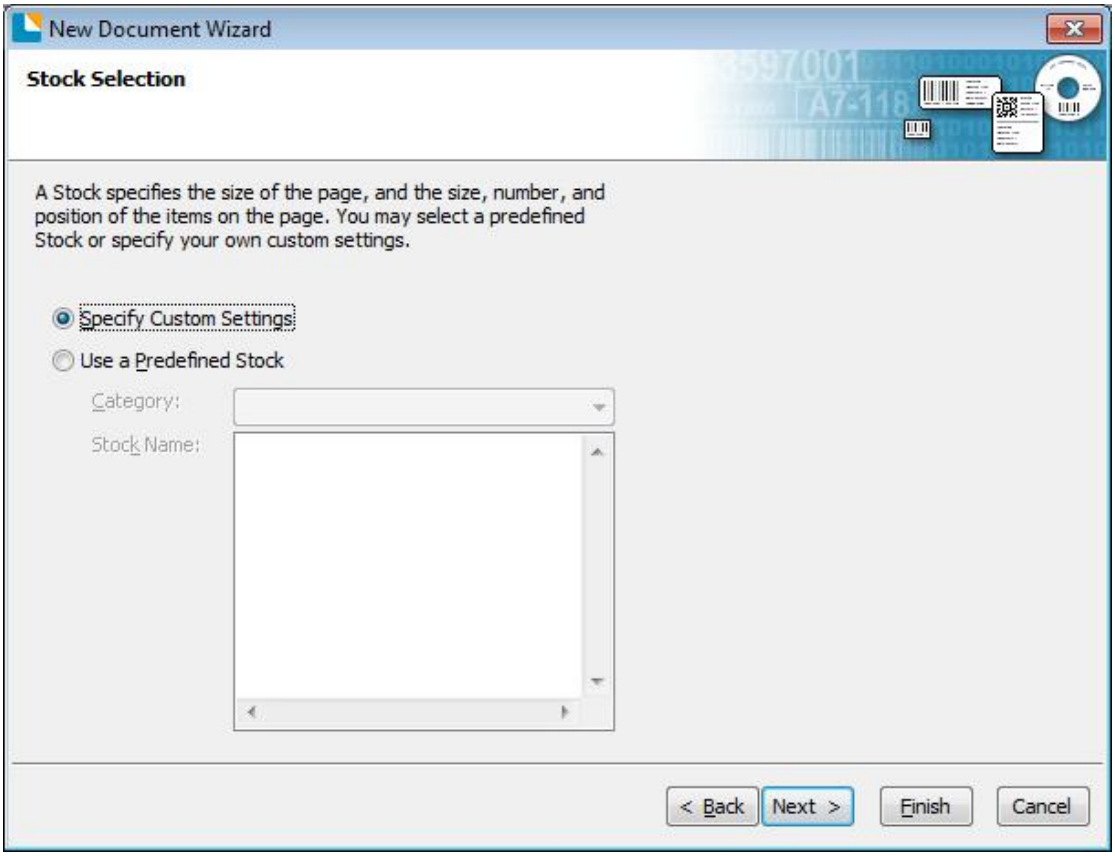
2.Click “Start a new BarTender document”.



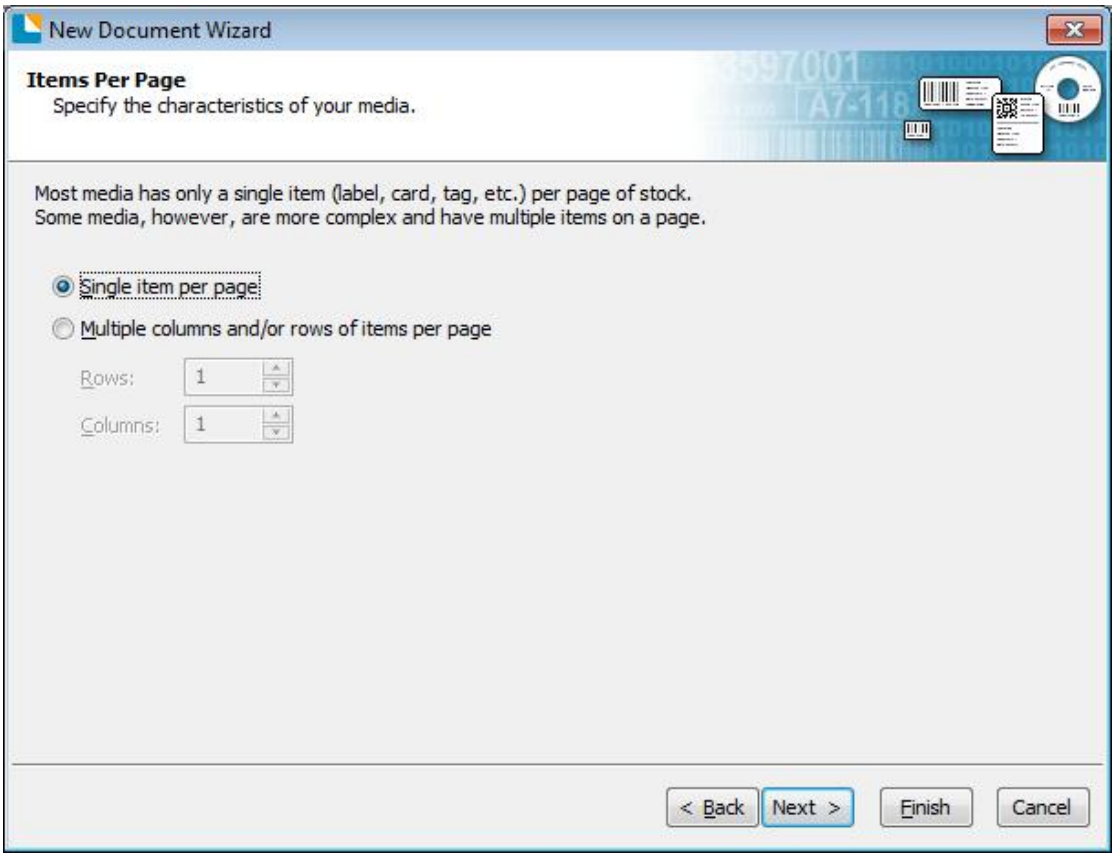
3.Choose “Blank Template”, then click “Next”.



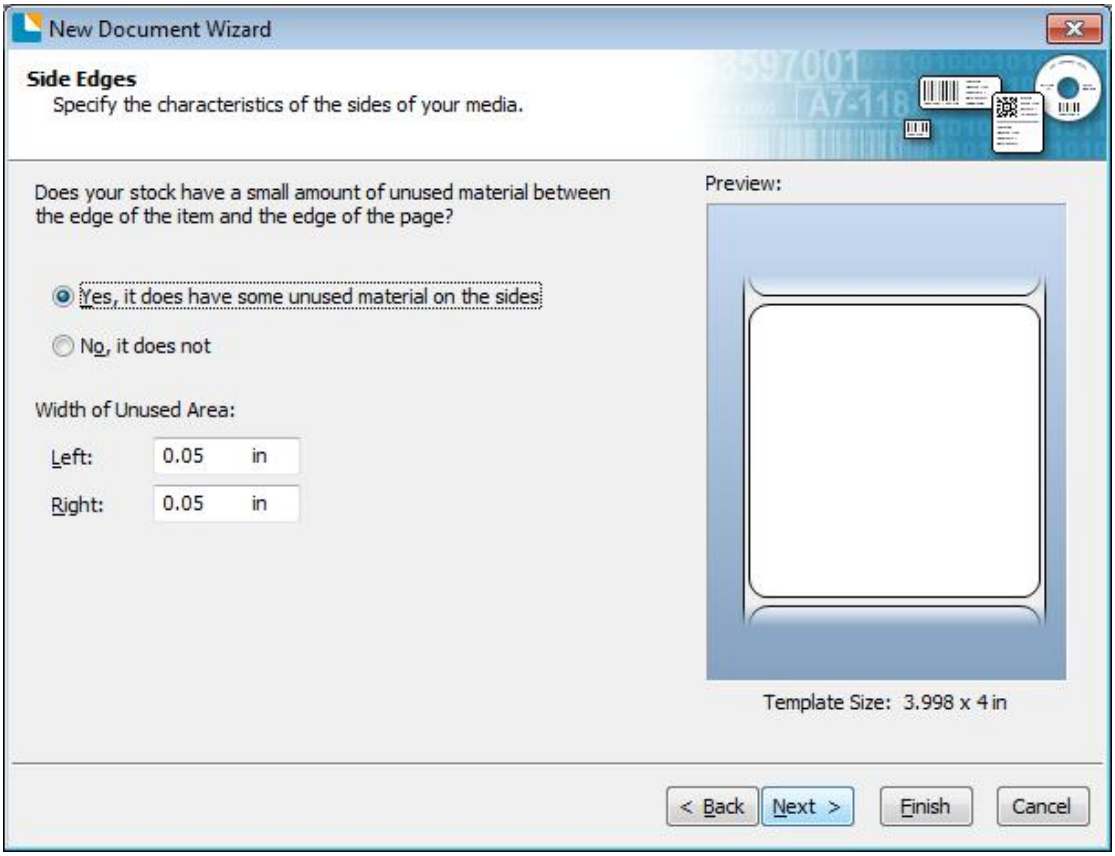
4.If the predefined stocks don't meet your need, tick "Specify Custom Settings". Then click"Next".



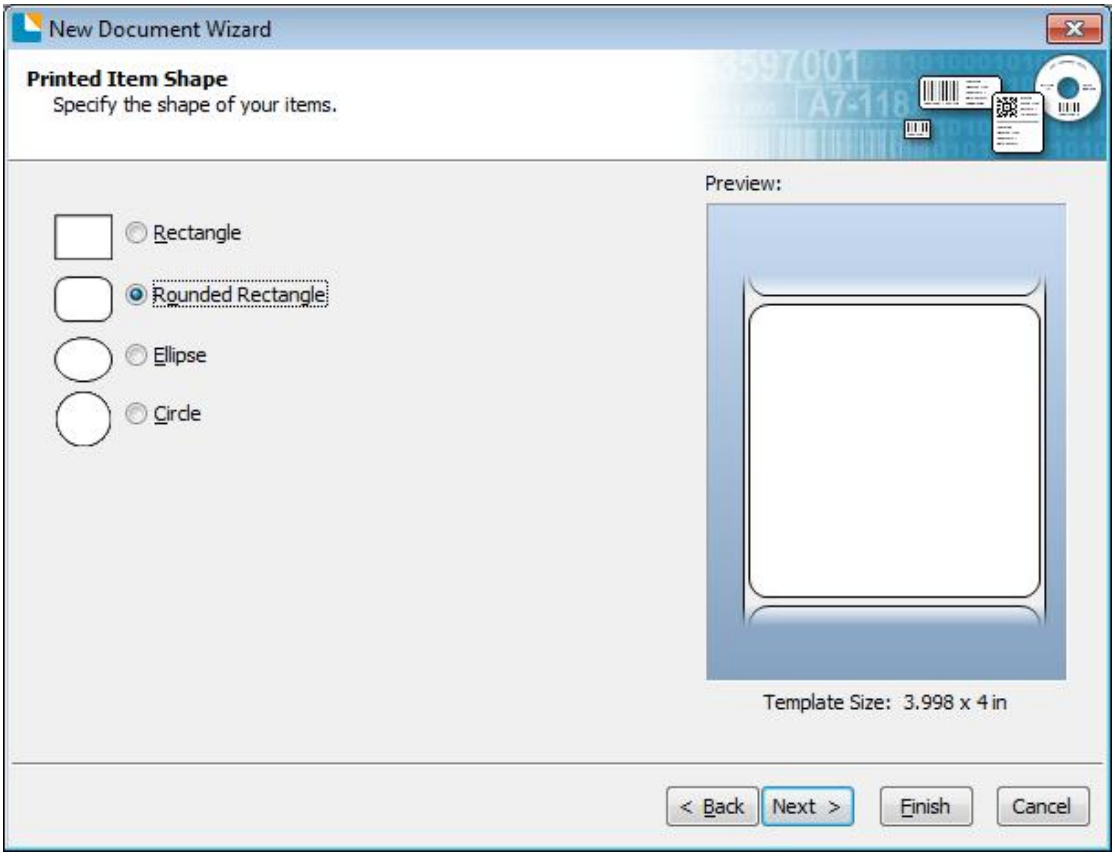
5.Tick “Single item per page”, then click “Next”. (If you print multiple labels, tick “Multiple columns and/or rows of items per page”.)



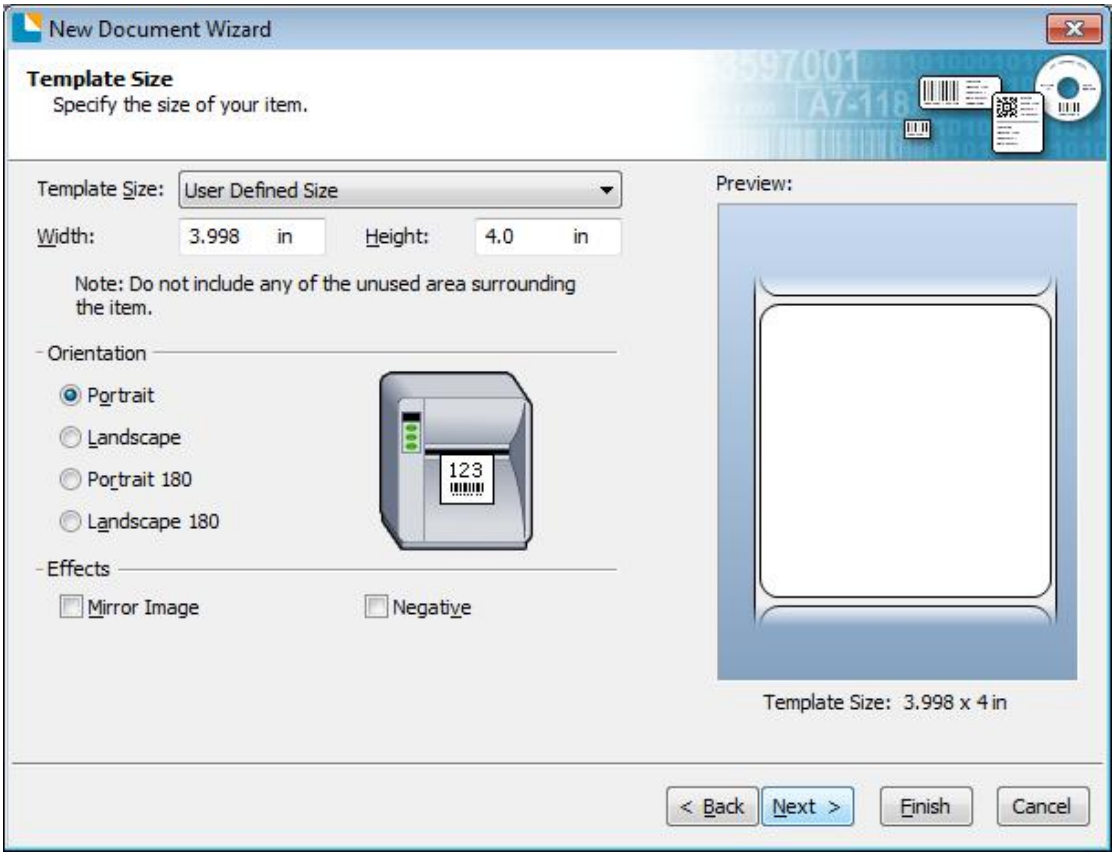
6.Edit the side edges, then click “Next”.



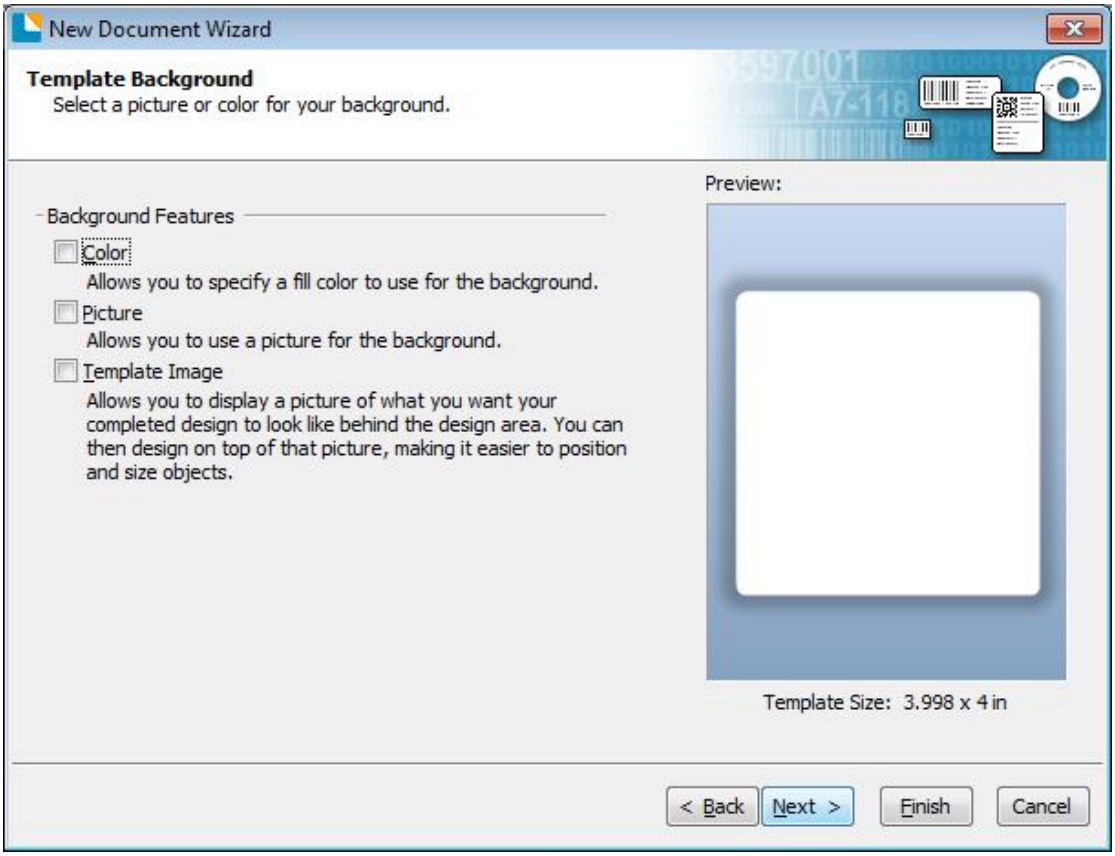
7.Choose the item shape, then click “Next”.



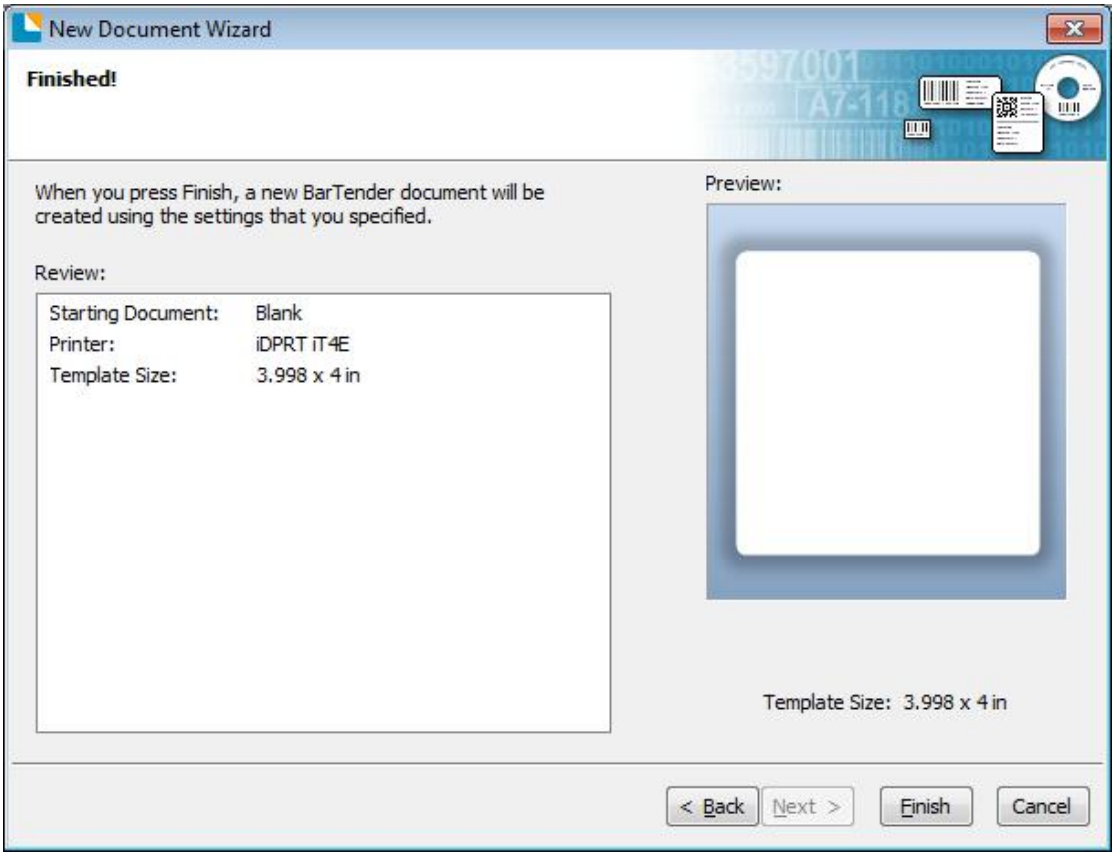
8.Edit the template size, then click “Next”.



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



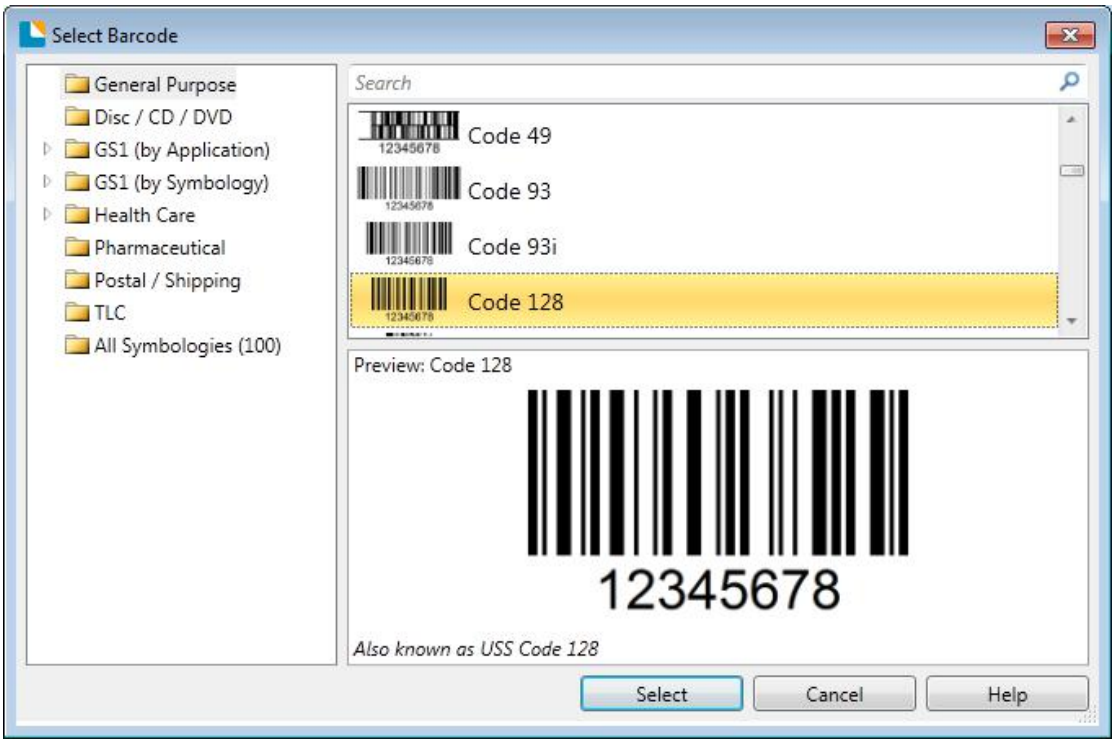
10.Finish the settings, showed in the “Review” and “Preview”. Then click “Finish”.



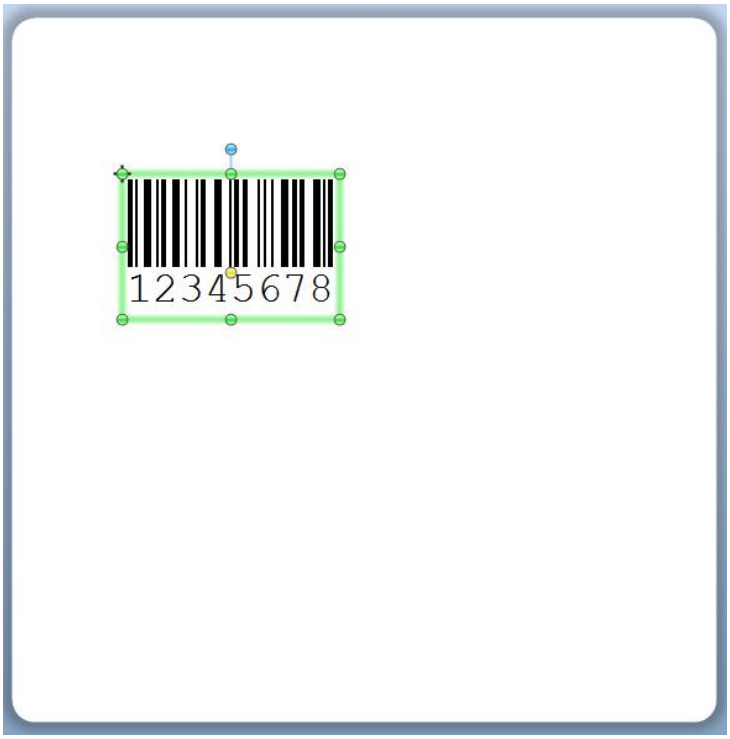
8.4.2 label Edit

1.Click the icon of code .

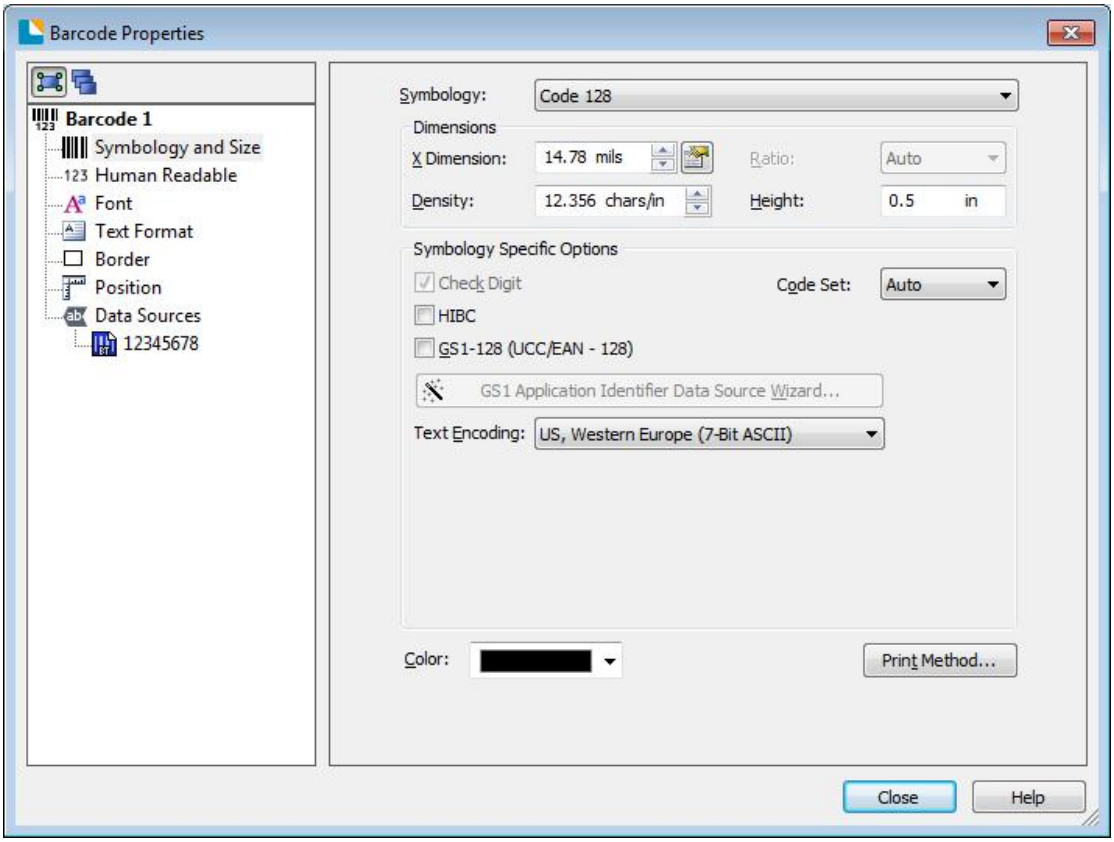
2.Choose the code, then click “Select”.



3.Click the blank, showing the code.

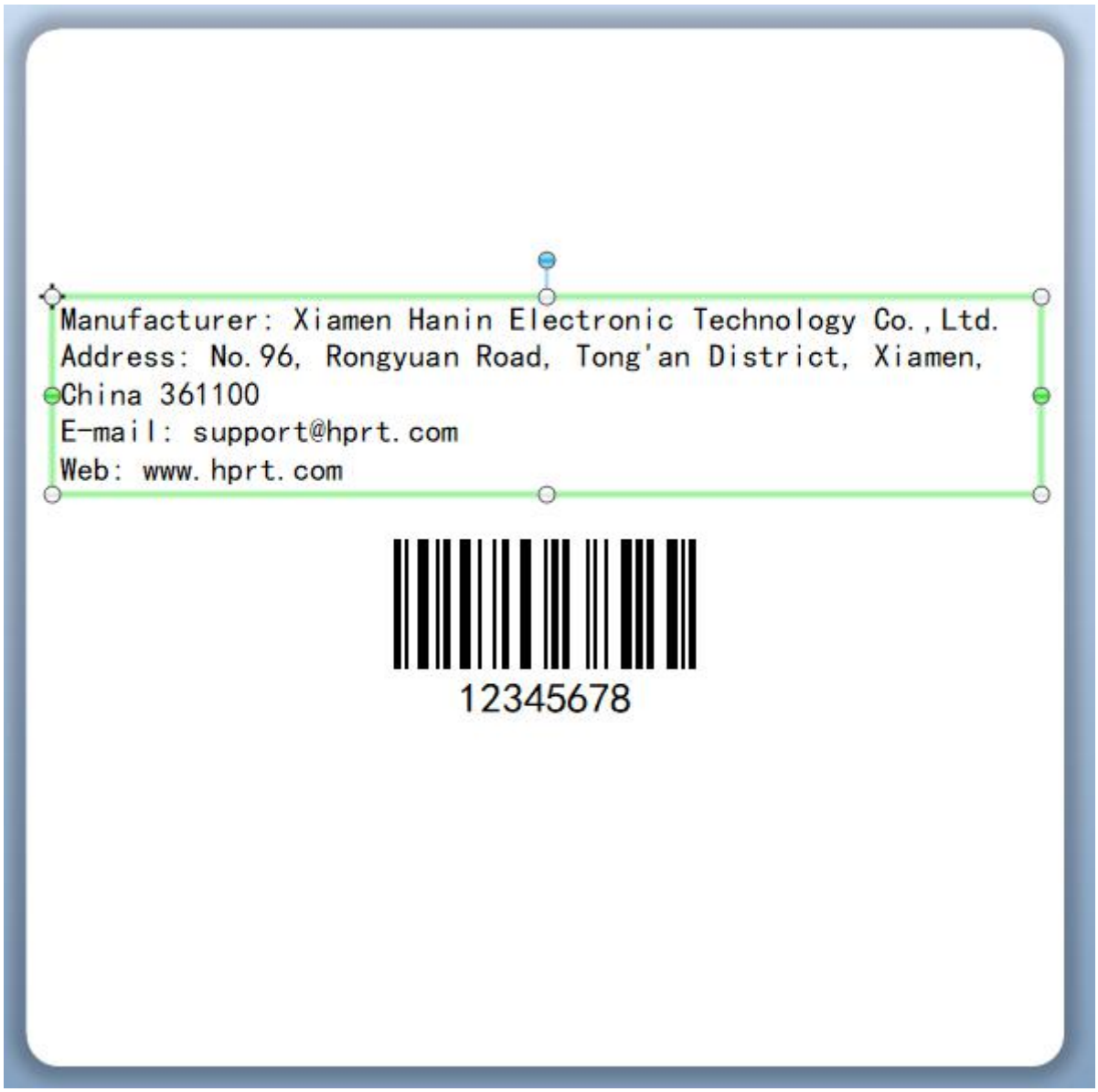


4.Double click the code and edit it. User can set up the size, font, border and so on.



Finishing the change, click “Close”.

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



6.Click the icon of picture , then edit the pictures.

7.Compose the text.

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

Appendix 1 Display Operation

Home Menu	Sub-menu	Sub-menu	Value
Setting	Printer Setup	Print Method	DT TT
		Print Speed	2-N ips (varies with different printers)
		Print Darkness	0-N (ZPL/DPL: N=30 EPL: N=20)
		Rotation	0 (Default) 90 180 270
		After Printed	None Tear Off (Default) Peeling Cutting
		Stop Position	Default Manually (0-30mm)
	Label Setup	Label Type	Gap Label (Default) Black Mark Continuous
		Media Sensor	Auto Sensor (Default) Transmissive Reflective
		PL Simulation	Automatic (Default) ZPL EPL DPL
		Codepage	CP850 (Default) CP852 CP437 CP860 CP863 CP865 CP857 CP861 CP862 CP855 CP866 CP737

			CP851 CP869 Win 1252 Win 1250 Win 1251 Win 1253 Win 1254 Win 1255 Win 1257 UTF-8 UTF-16BE UTF-16LE
		Print Y Offset	+/-120
		Print X Offset	+/-120
	LCD Setup 	LCD Timeout	0-9
		LCD Brightness	0-9
		LCD Language	English (Default) Spanish Portuguese France German Ukrainian 日本语 中文简体 中文繁体
		Security Password	0000 (Default)
		Standby Display	Ready Date/Time
	Int.Device 	Buzzer Volume	0-3 Default: 2
		Date	YYYY/MM/DD
		Time	hh:mm:ss
	RS232 Setup 	Baudrate	9600 (Default) 14400 19200 38400 57600 115200
		Data Bits	7-bit 8-bit (Default)

		Parity	None (Default) Odd Even
		Flow Ctrl	None XON/XOFF Hardware (Default) SW+HW
	Ethernet Setup	Switch	OFF ON
		Address Mode	DHCP Static (Default)
		Port Number	Default: 9100
		IP Address	Default:10.0.3.22
		Default Gateway	Default:10.0.3.1
		Subnet Mask	Default:255.255.255.0
	Wireless Setup	Bluetooth Switch	OFF (Default) ON
		SPP Pairing Code	Default:0000
		WiFi SSID	
		WiFi Switch	OFF (Default) ON
		Networking Mode	AP Mode (Default) Station Mode
	Ext.Device	Keyboard	None (Default) USB Host RS232
		Keyboard Language	English (Default) Spanish Portuguese France German Ukrainian
		Barcode Scanner	None (Default) USB Host RS232
Testing	TPH Printed Mileage		Show the mileages printer has printed
	TPH Bad Not Printing Test		Print the testing page
	Label Calibration		Calibrate the label

	Media Sensor Printing		
	Dump Mode		Receive the data
	Cutting Test		Test the cutter
	Restore Factory Default		Enter Cancel (Default)
	Firmware Update		
	Touch Screen Calibration		
Config Info	Printer Configuration		Print the information of printer's current settings
	Internal Font List		Print all the internal fonts template
	Barcode Lists		Print all the barcodes template
	Internal Flash File List		Print the internal flash file list
	External Memory File List		Print the external flash file list
	LCD Configuration		
Smart Printing	File Management	Internal Flash(A:)	Label Formats Graphic Bitmap Font True Type Database Firmware
		External USB Storage(B:)	Label Formats Graphic Bitmap Font True Type Database Firmware
	Auto Form	Auto Label Form Switch	OFF (Default) ON
		Delete Auto Label Form	NO (Default) YES

FCC-DECLARATION OF CONFORMITY

Product

We, Xiamen Hanin Electronic Technology Co,. Ltd. declare that the product conforms to the following specification: FCC Part 15, Subpart B Class A digital device.

This device complies with Part 15 of the FCC rules. Operation is subject to the following Two Conditions:

- This device may not cause harmful interference;
- This device must accept any interference received, including interference that may cause undesired operation.
- The user is cautioned that any changes or modification not expressly approved in this manual could void the user's authority to operate the equipment. To ensure compliance, this printer must be used with shielded communication cables.
- Use only power supplies listed in this manual and /or recommended and approved in this manual.

EC DECLARATION OF CONFORMITY

Manufacturer certifies that the following designated product

Type of product

Thermal Transfer label/Direct Thermal Label Printer

It is in conformity with the standards

Test standard information
Under the Council Directive: (LVD) Directive 2014/35/EU relating to electrical equipment designed for use within Low Voltage Directive. EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 Under the Council Directive: (EMC) Directive 2014/30/EU relating to Electro Magnetic Compatibility. EN 55032:2015 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3:2013

We declare herewith that as a result of the way in which the device designated below was designed, the type of construction and the devices which, as a result have been brought on to the general market comply with the relevant fundamental regulations of the EC Rules for Safety. And we declare herewith the below mentioned model is conformity with Directive 2014/30/EU and 2014/35/EU. In the event of any alteration which has not been approved by us being made to any device as designated below, this statement shall thereby be made invalid.

The declaration is sole responsibility of the manufacturer

Name of manufacturer
Xiamen Hanin Electronic Technology Co,. Ltd.

Please refer to the attachment for details of FCC certification.