

# Apollo/Apollo Pro User Manual



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Rev.1.0



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# **Changes Record**

Rev.	Date	Description
1.0		

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# Statement

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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.



arsigma 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.

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#### 3. Other Precautions

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#### 4. WEEE (Waste Electrical and Electric Equipment)



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

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

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



## **Chapter 1 Introduction**

## 1.1 Packing List



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.





AC Adapter





Label Roll



Power Cord



**Ribbon Spindles** 



**USB** Cable





Ribbon

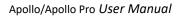
**Empty Ribbon Core** 

CD



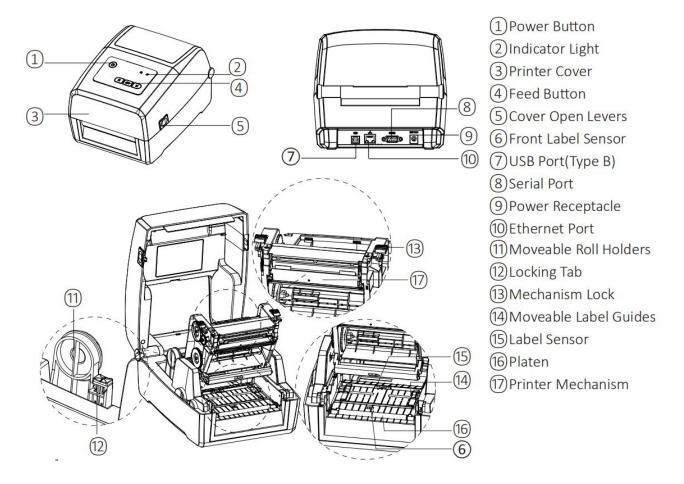
Quick Start Guide

Note: The packing materials are based on the order.





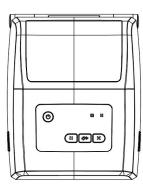
## **1.2 Appearance and Components**



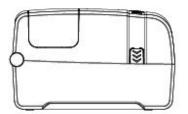
Note: The views above are for your reference. Ports vary by your choice.

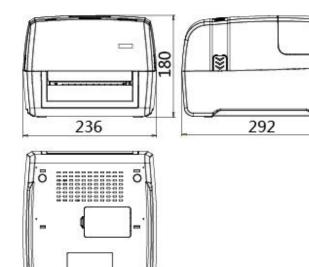


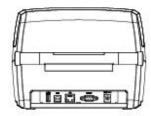
## 1.3 Dimension



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# **Chapter 2 Specifications**

Item		Parameter		
Туре		Apollo	Apollo Pro	
Printing Method		Thermal transfer/Direct thermal		
Printing	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		
Memory	Flash	128MB		
Programmi	ng Language	ZPL,TSPL,DPL,EPL		
Detection	Sensor	Out of Paper Sensor,Gap Mark Sensor,Ribbon Sensor, Black Mark Sensor, Cover Opening Sensor		
	Types	Folding Paper, Reel type, Black Mark, Punched Hole Label		
	Width	1 inch(25.4mm) – 4.33 inches(110 mm)		
Media	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)	
	Туре	Wax,Wax/Resin,Resin		
Ribbon	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.		
	Driver	CUPS for Linux and MAC OS		
Resident	Bitmap fonts	6, 8, 12, 16, 32, OCR A & B. 90°, 180°, 270° rotatable and 10 times expandable in horizontal and vertical directions		
Fonts	TTF fonts	Monotype CG Triumvirate <sup>™</sup> , 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 Pan	el	Power switch button, FEED button, Pause button, Cancel button,2 indicating LED	
Power Supp	ly	Input: AC 100-240V, 50/60HZ Output:DC 24V/2.0A	
Fauiroamaa	Operation	41°F (5°C)-104°F (40°C),30%-85% non-condensing	
Environmen	Storage	-4°F(-20°C)-122°F(50°C), 10%-90% non-condensing	
Physical	Dimension (L*H*W)	308*250*180 mm	
Characteristi	Weight	About 2.9 kg	
Options & Accessory		Peeler Module, Cutter Module, Hob Module	
Printing RFID label		Support	
Agency Approval		CE,FCC,CB	

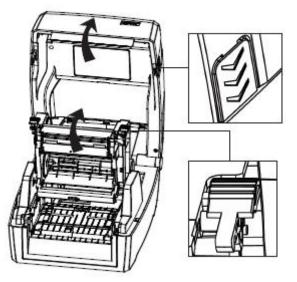


# **Chapter 3 Installation & Usage**

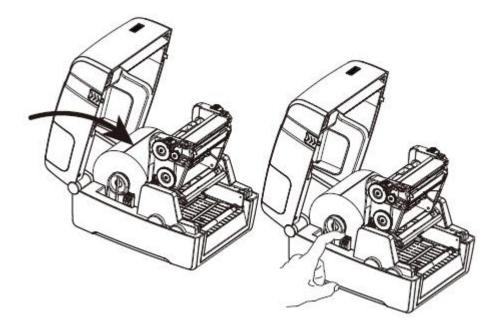
## 3.1 Media Loading

## 3.1.1 Loading the Roll

1. Press to open the printer cover and mechanism.

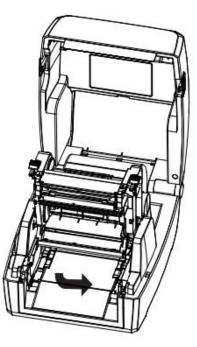


2.Pull the roll holders open and place the roll between them. And press down the locking tab.





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

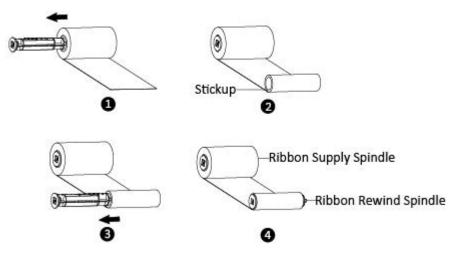


Note: If your printer is under Thermal Line Printing Method, press down the printer cover until it snaps closed. Otherwise, continue the procedure in chapter 3.1.2.

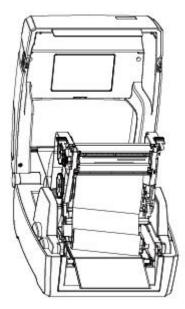


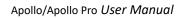
## 3.1.2 Loading the Ribbon

1.Install the ribbon module.



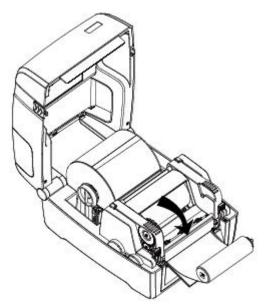
2. Insert the left part of supply spindle and then the right part.







3. Press down the printer mechanism.

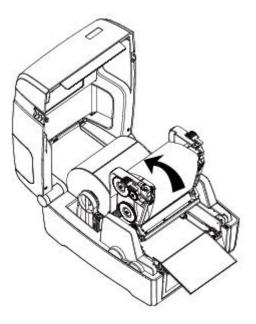


4. Insert the left part of rewind spindle and then the right part.

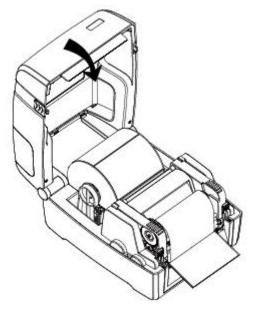




5. Wind the core 2~3 circles until the ribbon is pulled tightly.



6.Fix the mechanism and close the cover.

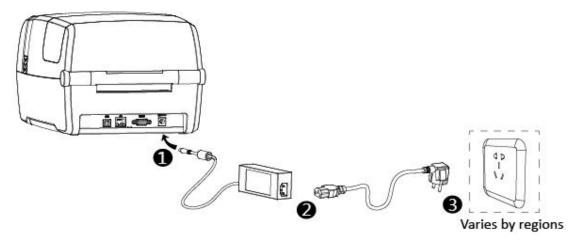




## **3.2 Power Connection**

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.



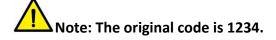
## **3.3.2 Bluetooth Connection**

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.





## **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.

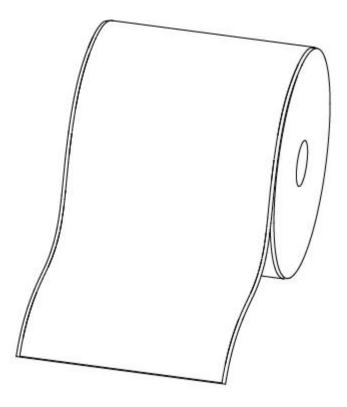


Figure 1 (Continuous Paper)



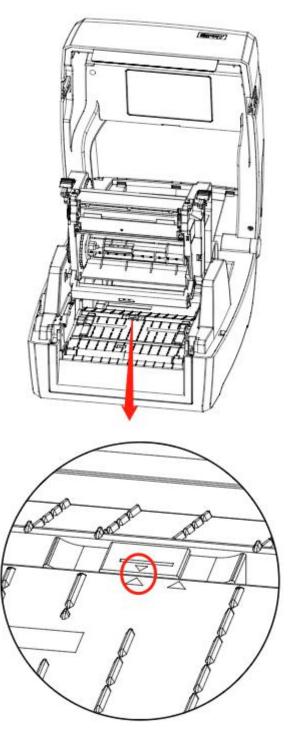


Figure 2 (Left)



## 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.

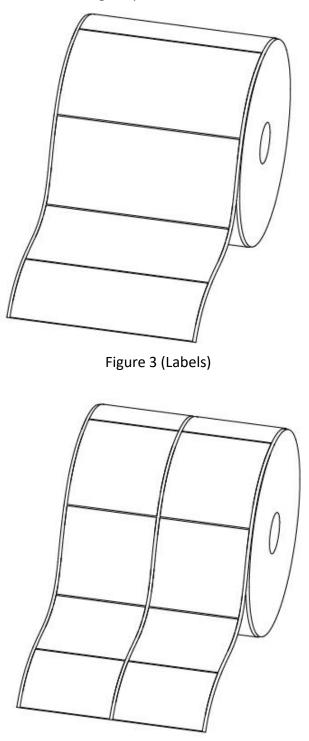


Figure 4 (Double-row Labels)



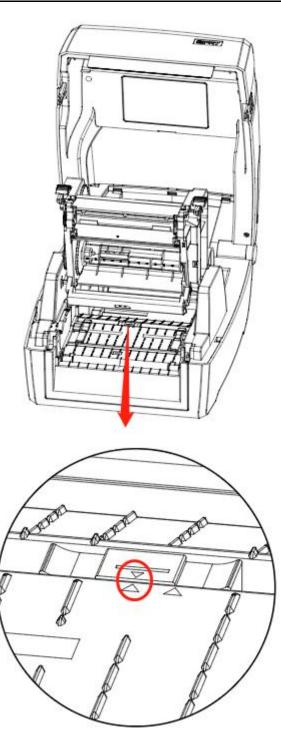


Figure 5 (Left)



## 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).

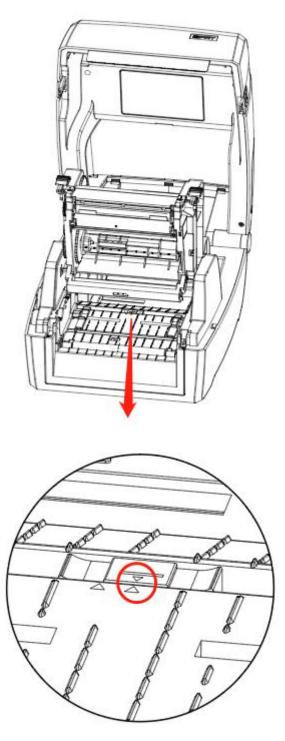


Figure 6 (Right)





## 3.4.4 Blackmark Paper

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

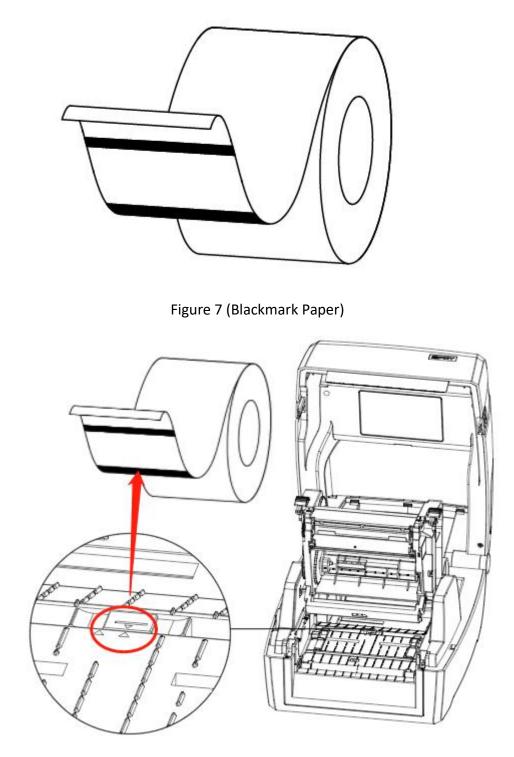


Figure 8 (aimed at blackmark's position)



## **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



Quick flash  $\rightarrow$  0.2 second / every cycle Slow flash  $\rightarrow$  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

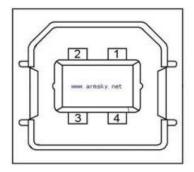
- 1) Install the BarTender Ultralite program.
- 2) Edit a new label and print it.
- 3) Please refer to "Chapter 8 BarTender Ultralite Instructions" for more detailed information.



# **Chapter 4 Interface**

## 4.1 USB Interface

1.USB (Type B)

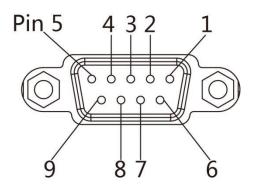


PIN	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
4	



## 4.2 Other Optional Interfaces

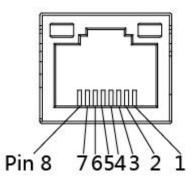
## Serial Port



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.



- 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 Apollo as example.

1.Install "HPRTPrinterUtility.exe", then open it.

Printer Utility V1.0.0.14		_ <b>_</b> ×
Settings Fonts Sto	Image     Function Test     Command Test     Firmware     System	
Interface Printer: Apollo  USB  Ito Configure USB Pc  Printer Information Version: Serial Number: Cutting Counter:	Common       ZPL       DPL       RS-232       Bluetooth       Ethernet       WIFI       Smart print variables       Other Settings         Ribbon Mode: <ul> <li>After Printed:</li> <li>After Power On:</li> <li>After TPH Close:</li> <li>Protocol:</li> <li>Paper Type:</li> <li>Sensor Select:</li> <li>Buzzer Volume:</li> <li>Maximum Length:</li> <li>mm</li> </ul> mm	
Mileage: m Get Printer Information Printer Status	Tear Off:     -120 ~ +120 dots       Print Speed:     ips       Density:     0 to 30       Reprint When Error:	
Get Status	Set Get Load Save	



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

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

Printer Utility V1.0.0.14		_ <b>_</b> ×
	Image Function Test Command Test Firmware System	
Interface	Common ZPL   DPL   RS-232   Bluetooth   Ethernet   WIFI   Smart print variables   Other Settings	
Printer: Apollo 🔻	Ribbon Mode:	
USB 🔻 Ito Configure USB Pc	After Printed:	
USB COM prmation	After Power On:	
LPT		
ETH	After TPH Close:	
Serial Number:	Protocol:	
	Paper Type:	
	Sensor Select:	
Cutting Counter:	Buzzer Volume:	
	Maximum Length: mm	
Mileage:	Tear Off: -120 ~ +120 dots	
m	Print Speed:	
Get Printer Information	Density: 0 to 30	
Printer Status	Reprint When Error:	
	Set Get Load Save	
Get Status	RTC Setting	
Get Status	RTC Setting	





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

Printer Utility V1.0.0.14		3
	prage Function Test Command Test Firmware System	
Interface	Common ZPL DPL RS-232 Bluetooth Ethernet WIFI Smart print variables Other Settings	
Printer:	Ribbon Mode:	
USB  vito Configure USB Pc	After Printed:	
Printer Information	After Power On:	
Version:	After TPH Close:	
V20.00.6	Protocol:	
Serial Number:	Paper Type:	
XXXXX		
	Sensor Select:	
Cutting Counter:	Buzzer Volume:	
0	Maximum Length: mm	
Mileage:	Tear Off: -120 ~ +120 dots	
34.33 m	Print Speed:	
Get Printer Information	Density: 0 to 30	
	Reprint When Error:	
Printer Status		
-	Set Get Load Save	
Get Status	RTC Setting	



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

Printer Utility V1.0.0.14		×
the second s	prage Function Test Command Test Firmware System	
Interface		ner Settings
	Ribbon Mode:	
USB	After Printed:	
Printer Information	After Power On:	
Version:	After TPH Close:	
V20.00.6	Protocol:	
Serial Number:		
XXXXX	Paper Type:	
	Sensor Select:	
Cutting Counter:	Buzzer Volume:	
0	Maximum Length: mm	
Mileage:	Tear Off: -120 ~ +120 dots	
34.33 m	Print Speed:	
Get Printer Information	Density: 0 to 30	
	Reprint When Error:	
Printer Status		
Normal!		
	Set Get Load Save	
Get Status	RTC Setting	



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

Printer Utility V1.0.0.14			
🍄 Aa 🛛			
Settings Fonts Sto	prage Function Test		nware System
Interface Printer:	Common Common ZPL DPL Ribbon Mode:	RS-232     Bluetooth     Ethernet       OFF	WIFI Smart print variables Other Settings
USB 🔻 Ito Configure USB Pc	After Printed:	Tear off 🔹	
Printer Information	After Power On:	None 🔹	
Version:	After TPH Close:	None	
V20.00.6	Protocol:	ZPL 🔻	
Serial Number:		Gap 👻	
XXXXXX	Paper Type:		
	Sensor Select:	Transmissive	
Cutting Counter:	Buzzer Volume:	Standard 🔹	
0	Maximum Length:	220	mm
Mileage:	Tear Off:	0	-120 ~ +120 dots
34.33 m	Print Speed:	5	ips
Get Printer Information	Density:	15	0 to 30
	Reprint When Error:	ON 🔻	
Printer Status		·	
	Set Get	Load Save	
Get Status	RTC Setting		





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

🔅 Printer Utility V1.0.0.14			_ <b>_</b> ×
	Î 🗏	> CMD > _	
		Command Test Firmware System	
Interface Printer:	Common Common ZPL DPL	RS-232 Bluetooth Ethernet WIFI Smart print variables	Other Settings
	Baud Rate:	115200 -	
USB	Data Bits:	8 🗸	
Printer Information	Parity:	None	
Version:	Flow Control:	RTS/CTS -	
V20.00.6	Stop Bits:		
Serial Number:	Sup bis.	<u> </u>	
Cutting Counter:			
Mileage:			
34.33 m			
Get Printer Information			
Printer Status			
	Set Get	Load Save	
Get Status	RTC Setting		



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

Printer Utility V1.0.0.14		×
	Image       Function Test       Command Test       Firmware       System         Common       Common       ZPL       DPL       RS-232       Bluetooth       Ethernet       WIFI       Smart print variables       Other Settings	
Printer:	Bluetooth Name:     (<=16 characters)	
V20.00.6 Serial Number: XXXXX Cutting Counter:		
Mileage: 34.33 m Get Printer Information Printer Status		
	Set Get Load Save	
Get Status	RTC Setting	



## (7) Click "Ethernet", then click "Get" to gain the relevant values.

Printer Utility V1.0.0.14			
Settings Fonts Sto	Common Common ZPL DPL	Command Test Firn RS-232 Bluetooth Ethernet	NWARE System
Printer:	DHCP:		
USB 🔻 Ito Configure USB Pc	IP Address:		
Printer Information Version:	Subnet Mask:		
V20.00.6	Default Gateway:	0 0 0 0	
Serial Number:	Mac address:	12 : 23 : 45 : 78	: A0 : 15
Cutting Counter:			
Mileage:			
34.33 m			
Get Printer Information			
Printer Status			
	Set Get	Load Save	
Get Status	RTC Setting		



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

Printer Utility V1.0.0.14		
	Function Test	> CMD       Image: Command Test       Firmware       System         RS-232       Bluetooth       Ethernet       WIFI       Smart print variables       Other Settings
Printer:	SSID:	
USB 🔻 Ito Configure USB Pc	Password:	12345678
Printer Information	Work Mode:	AP 🔹
Version:	DHCP:	ON 🔹
Serial Number:	IP Address:	172 168 1 1
XXXXX	Subnet Mask:	255 255 0
	Default Gateway:	172 168 1 1
Cutting Counter:	Mac address:	00 : 00 : 00 : 00 : 00 : 00
0		
Mileage:		
Get Printer Information		
Printer Status		
	Set Get	Load Save
Get Status	RTC Setting	





(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.

💮 RTC Setu	р	
Year:	2022	Get System DateTime
Month:	12	
Date:	5	Get
Hour:	15	Setup
Minute:	11	
Second:	26	Close



- 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 V1.0.0.14		
Settings Fonts Sto		Command Test Firmware System
Interface Printer:	Common Common ZPL DPL	RS-232 Bluetooth Ethernet WIFI Smart print variables Other Settings
USB	SSID:	12345678
Printer Information	Password:	
Version:	Work Mode:	AP 🔻
V20.00.6	DHCP:	
Serial Number:	IP Address:	172 168 1 1
XXXXX	Subnet Mask:	255 255 255 0
	Default Gateway:	172 168 1 1
Cutting Counter:	Mac address:	00 : 00 : 00 : 00 : 00 : 00
0		
Mileage:		
m		
Get Printer Information		
Printer Status		
	Set Get	Load Save
Get Status	RTC Setting	
	] (	



#### 3. Click "Storage" to print image.

Download File		
File Type: Graphics	Magnification: 1.0	
File Name:		Download
Free space:119,401,472B;Uses spa aphics	ce 286, 790, 656B.	Auto Label Form
apriles		
List All Graphics	List All Forms	List Auto Form
Print Selected Graphic	Print Selected Form	Print Auto Form
Delete Selected Graphic	Delete Selected Form	Delete Auto Form
Delete All Graphics	Delete All Forms	Enable Auto Form

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

Type: Gr	aprileo	Magnification: 1.0	2
Name:			 Download
ame.			Dominoud

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.

Download File		
File Type: Graphics	Magnification: 1.0	-
File Name: C:\Users\Administr	Users\Administrator\Desktop\1.bmp	Download
Free space: 286, 790, 656B; Use	s space 119, 401, 472B.	
raphics	Label Form	Auto Label Form
ÎΣ.bmp <u>16èyY.bmp</u> 1.bmp		
List All Graphics	List All Forms	List Auto Form
Print Selected Graphic	Print Selected Form	Print Auto Form
Delete Selected Graphic	Delete Selected Form	Delete Auto Form
Delete All Graphics	Delete All Forms	Enable Auto Form



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

Download File		
File Type: Graphics 🔹	Magnification: 1.0	<b>-</b>
File Name: C:\Users\Administrator\	1.5	Download
Free space: 286, 790, 656B; Uses spa	2.0 2.5 3.0 3.0	
Graphics	Label Form	Auto Label Form
ÎΪ£.bmp ¼òμ¥.bmp 1.bmp		
List All Graphics	List All Forms	List Auto Form
Print Selected Graphic	Print Selected Form	Print Auto Form
Delete Selected Graphic	Delete Selected Form	Delete Auto Form
Delete All Graphics	Delete All Forms	Enable Auto Form

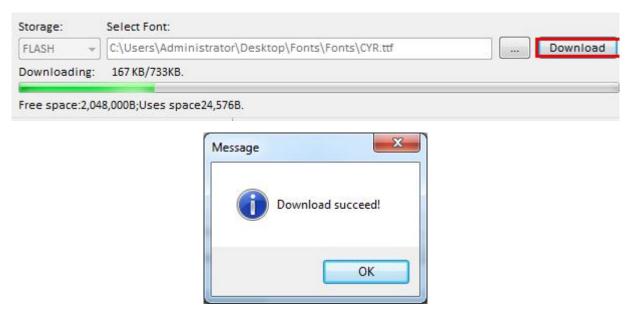


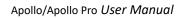
#### 4.Click "Download Vector fonts".

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

	119,401,472B;Uses spaceB.	Toront back back ( another 2000)
torage	Fonts File Name	Input test text:(Length<256)

(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".

Storage:	Select Font:	
FLASH	- C:\Users\Administ	rator\Desktop\Fonts\Fonts\cour.ttf Download
Downloadi	ng: 788 KB/788KB.	
Free space	:1,069,056B;Uses space1,	003,520B.
Storage	Fonts File Name	Input test text:(Length<256)
FLASH	COUR.TTF	abc123
FLASH	CYR.TTF	
-		
L		
	Delete	Printable Width: 30 (10-108)mm
	Delete All Fonts	Printable Height: 30 (10-210)mm



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

Printer Utility V1.0.0.14			
Settings Fonts Storage	Function Test	> CMD >- Command Test Firmware	System
Interface Printer:	Media Sensor Calibration	Restore Factory Default	
Printer Information Version:	Configuration Page	Media Sense Waveform Printing	
Serial Number:	Pattern Print Testing	Advance Media Sensor Calibration	
Cutting Counter:	Cutter Cut Testing	Buzzer Function Testing	
Mileage: 34.33 m	Auto Learn With Paper	Auto Learn Without Paper	
Get Printer Information Printer Status	BalckMark Learn	Label Learn	
Get Status			



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

Printer Utility V1.0.0.14			
	Function Test	CMD CMD Command Test Firmware System	<b>P</b> ystem
Interface	and a second second second		
Printer:	Language		
USB	English 简体中文	About	Help
Printer Information	■10年中文 繁體中文		
Version:	English Español		
V20.00.6	Русский	HPRT	
Serial Number:			
XXXXXX	r	Your Future, Printed	
0.000	System Options	HPRT is a brand new series that	at provides bishes
Cutting Counter:		performance barcode printers those	
Mileage:		desktop label/barcode printer solut	ions.With our standalone
34.33 m		function\ user-friendly interface\sear	
		resolution\varies 1D & 2D barcode\ software\completely compatible prin	
Get Printer Information		your needs for easy installation and	
Printer Status		to professional level.	
Get Status			



# **Chapter 7 Windows Driver Instructions**

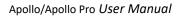
## 7.1 Introduction

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



- 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".

1	Setup - HPRT Label Derivative Printer Windows Driver v2.7.2.0
	License Agreement Please read the following important information before continuing.
	Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
	CAREFULLY READ THE FOLLOWING LEGAL AGREEMENT. THE SOFTWARE PROVIDED WITH THIS AGREEMENT (THE "SOFTWARE") IS LICENSED AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS BELOW. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, PROMPTLY DESTROY THE SOFTWARE AND DOCUMENTATION.
	1. LICENSE GRANT 
	I accept the agreement
	I do not accept the agreement
	Next > Cancel



5. Choose "Install printer driver", then click "Next".

🔂 Setup - HPRT Label Derivative Printer Windows Driver v2.7.2.0
Select operation of install Please select the operation as you need.
<ul> <li>Install printer driver</li> </ul>
Please connect your printer to the PC and turn it on.
< Back Next > Cancel

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

	1
USB001 TPVM: Cloud TCP/IP Port SHRFAX: COM2: COM3:	Printer Model: HPRT Apollo(20:  Default Printer Pre-install Driver Name: HPRT Apollo(203dpi)
COM4: FILE: LPT1: LPT2: LPT3: XPSPort:	Baud Rate:     9600     The Parity:     NONE       Data Bits:     8     The Stop Bits:     1
nul: COM1:	Flow Control: NONE



#### 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"  $\rightarrow$  "Devices and Printers".





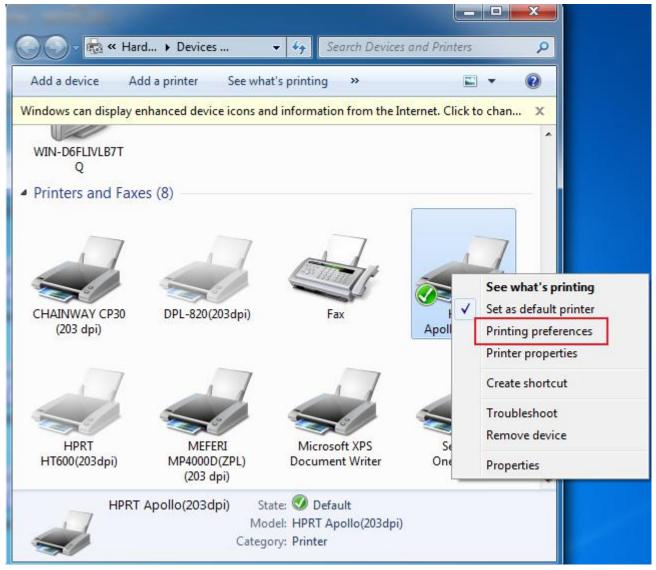
- If you have already installed the driver (No matter what kind of ports), it will generate a USB port automatically when connecting the printer to computer.
- Any problems exist, please use our utility tool in CD.



## 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.

age Water	mark H	alftone Abou	t
Paper			
Paper Na	ame:	Custom(101.	5mm * 152.4mm) 🔹
		-13 	Custom
Paper Form	at		
) inch		⊚ cm	() mm
Offset			
Horizontal	0.00	mm	Vertical: 0.00 mm
Preview		Rotate	Effect
IPRT		● 0°	Mirror
	6.0	© 90°	Inverse
		180° 270°	Scale: 100 🌉 9
Copies	: 1		Advanced
Reverse	Print O	rder	Advanced



•Click "Paper"  $\rightarrow$  "Name", and choose the paper type.

age Watermark	k Halftone About
Paper	
Paper Name:	Custom(101.6mm * 152.4mm)
	Custom(101.6mm * 152.4mm) 4.00"x6.00"(10.16cm x 15.24cm)
Paper Format	1.25"x2.25"(3.18cm x 5.71cm)
2010 1998 1998 1999 1999 1999 1999 1999 1	1.50"x0.50"(3.81cm x 1.27cm) 1.50"x1.00"(3.81cm x 2.54cm)
) inch	1.50 X1.00 (3.81cm x 2.54cm)
	2.00"x0.50"(5.08cm x 1.27cm)
Offset	2.00"x1.00"(5.08cm x 2.54cm) 2.00"x1.25"(5.08cm x 3.18cm)
Horizontal: 0	2.00 X1.25 (5.08cm X 5.18cm)
	2.00"x5.50"(5.08cm x 13.97cm)
Preview	2.25"x0.50"(5.71cm x 1.27cm) 2.25"x1.25"(5.71cm x 3.18cm) □
	2.25"x4.00"(5.71cm x 10.16cm)
PRT	▲ 2.25"x5.50"(5.71cm x 13.97cm)
	2.38"x5.50"(6.04cm x 13.97cm) 2.50"x1.00"(6.35cm x 2.54cm)
	2.50 x1.00 (0.55cm x 2.54cm)
	2.75"x1.25"(6.99cm x 3.18cm)
	3.00"x1.00"(7.62cm x 2.54cm) 3.00"x1.25"(7.62cm x 3.18cm)
	3.00"x2.00"(7.62cm x 5.08cm)
Copies	3.00"x3.00"(7.62cm x 7.62cm)
Copies:	— 3.00"x5.00"(7.62cm x 12.70cm) 1 3.25"x2.00"(8.26cm x 5.08cm)
Copica.	3.25"x5.00"(8.26cm x 12.70cm)
Reverse Pri	nt Or 3.25"x5.50"(8.26cm x 13.97cm)
	3.25"x5.83"(8.26cm x 14.81cm) 3.25"x7.38"(8.26cm x 18.75cm)



•Click "Custom"-->"New ", and set up a new stock.

Custom Paper List				
				New
				Edit
				Delete
Custom Paper Options				
Paper Name:				Save
Paper Width:	5.00	•	[ 5.00 - 104.	00 mm ]
Paper Length:	5.00	•	[ 5.00 - 2286	.00 mm ]
Margin Top Margin	0.00	A 7	mm	
Bottom Margin	0.00		mm	
Left Margin	0.00	<b>A</b>	mm	
Right Margin	0.00		mm	



•Click "Edit", and edit the stock.

Custom Paper List		
		New
		Edit
		Delete
Custom Paper Options		
Paper Name:	1	Save
Paper Width:	<b>5.00</b> ( 5.00 - 104)	00 mm ]
Paper Length:	5.00	5.00 mm ]
<b>Margin</b> Top Margin	0.00 🔺 mm	
Bottom Margin	0.00 🔺 mm	
Left Margin	mm 💉 00.0	
Right Margin	0.00 🗼 mm	

•Click "Delete", and delete the stock.





•Choose "Rotate" or "Effects", showed in the "Preview".

ge Watermark	Halftone About	t
Paper		
Paper Name:	Custom(101.6	imm * 152.4mm) 🔻
		Custom
Paper Format		
) inch	🔘 cm	() mm
Offset		
Horizontal: 0.0	0 🌲 mm	Vertical: 0.00 🚔 mm
Preview	Rotate	Effect
	● 0°	Mirror
		Inverse
	© 180°	Scale: 100 🚔 9
	© 270°	Scale: 100 🚔 🤊
Copies		
Copies:	1	Advanced
Reverse Print	Order	0



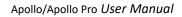
•Click "Advanced", and change the settings.

Test	Medi	a Handling	Media Type	Print Method
Save Pape	er	Density	Speed	Compression
None				
🔘 Тор				
Bottor	n			
○ Top E	Bottom			



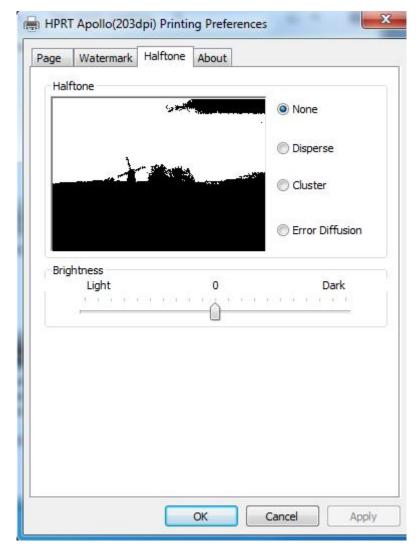
3. Click "Watermark", and edit the pictures.

Preview Size			
Horizontal Vertical	Preview		
🔘 Left 💿 Top		t to toot o	
		🔘 Left	🔘 Тор
C Right O Bottom		🔘 Right	) Bottom





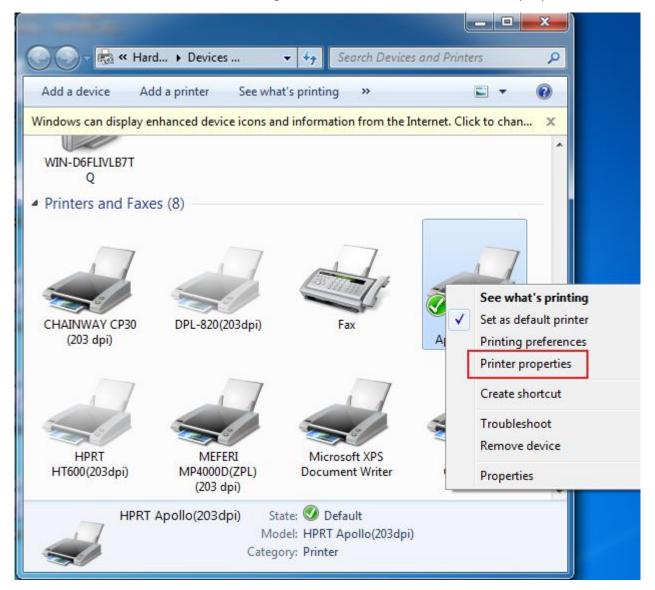
4.Click "Halftone".





#### 7.4.2 Printer Properties

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





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

General Shar	ing Ports	Advanced C	Color Management	Security	About
-	HPRT A	vpollo(203dpi)			
Location:					
Comment:					
Model:	HPRT A	pollo(203dpi)			
Features Color: No			Paper available	<b>.</b> .	
LOIOP INC	Double-sided: No Staple: No Speed: Unknown Maximum resolution: 203 dpi		Custom 4.00"x6.00"(10	2004	15.24cm)
Double-s Staple: N Speed: Ur	o nknown	: 203 dpi	1.25"x2.25"(3. 1.50"x0.50"(3. 1.50"x1.00"(3.	18cm x 5. 81cm x 1.	.71cm) .27cm)



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

Print to the f checked port	ollowing port(s). Doc t.	uments will print t	to the first free	
Port	Description	Printer		
<ul> <li>LPT3:</li> <li>COM2:</li> <li>COM3:</li> <li>COM4:</li> <li>COM1:</li> <li>FILE:</li> </ul>	Printer Port Serial Port Serial Port Serial Port Serial Port Print to File	MEFERI MF	24000D(ZPL) (203 dp	H
USB001	USB 虚拟打印机端	HPRT Apol	llo(203dpi), HPRT H	-
Add P	Port	Delete Port	Configure Port	

## 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



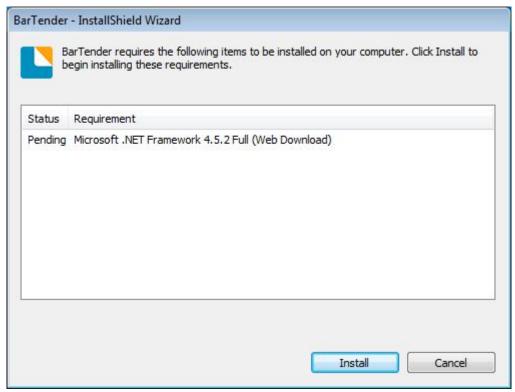
- Under different operating systems, the screen may be slightly different. Take Windows 7 as example.
- Take printer iT4E as example.
- To avoid the prevention, recommend to close the security software before installation.

1.Double click the application program

2.Select language, then click "OK".

BarTen	der - InstallShield Wizard	×
	Select the language for the installation from the choice	es below.
	English (United States)	•
	ОК	Cancel

3.Click "Install".





#### 4.Click "Next".

BarTender Setup	×
BarTender, 2016	
iDPRT Special Edition BarTender 2016 R3	
Welcome to the BarTender Setup Wizard. This wizard will install BarTender 2016 R3 on your computer.	
< <u>B</u> ack <u>N</u> ext > Canc	:el

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

BarTender Setup	x
icense Agreement	
lease read the following license agreement carefully.	
end User License Agreement	• 11
Seagull Scientific ("Seagull") grants you a non-exclusive license to use the accompanying computer software and related documentation ("Seagull Software"), subject to the following provisions. You assume full esponsibility for the selection of the Seagull Software to achieve your intended results, and for the installation, use, and results obtained from the Seagull Software.	H
Copyrighted Material:	
Only the TRIAL EDITION of Seagull's BarTender software may be copied and distributed freely. All other versions of BarTender are protected under standard copyright law and may not be copied.	
The license granted by this agreement for all non-Trial software is absolutely restricted to you and those acting on your behalf (such as employees or contractors) for your own use. You may make a copy of such Seagull Software only for backup purposes. You shall not: (1) permit any third party to use the Seagull Software; (2) allow access to the licensed software by timesharing; (3) modify the software; or (4) transfer or resell the software, software license, or product key code to another entity without the written	*
I <u>a</u> ccept the terms in the license agreement	
< Back Next > Cancel	_



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

Installa	tion Options	
Features		
📘 🔽 В	BarTender <u>D</u> esigner	
🔵 🗖 A	All <u>T</u> ranslations	
🕒 🔽 Si	ample Doc <u>u</u> ments	
Installation F	older	
	Folder C:\Program Files (x86)\Seagull\BarTender UltraLite	Browse
		Bro <u>w</u> se
		Browse
		Bro <u>w</u> se

#### 7.Click "Install".

BarTender Setup	(	x
Ready to Install		
BarTender will be installed using the following settings:		
Installation Folder: C:\Program Files (x86)\Seagull\BarTender UltraLite What to Install: BarTender Sample Documents		*
	< <u>B</u> ack <u>I</u> nstall Cancel	



BarTender S	Setup 💌
Installa	tion Options
Features	
Sa 🛛 Ba	arTender <u>D</u> esigner
🔘 🗖 A	II <u>T</u> ranslations
🛄 🔽 Sa	ample Doc <u>u</u> ments
Installation Fo	older
Install t <u>o</u> :	C:\Program Files (x86)\Seagull\BarTender UltraLite Browse
	< <u>B</u> ack Cancel

#### 8.Click "Finish".

BarTender Setup
Installation Complete
The installation has completed successfully.
☑ Open <u>G</u> etting Started Manual
Drivers by Seagull
If you have a label or card printer, or another type of specialty printer, it may have come with its own Windows printer drivers. However, even if it did, we strongly recommend that you instead install our Drivers by Seagull™ for use with BarTender. Using Drivers by Seagull™, if they are available for your printer, ensures that you get the best possible printing features and performance when printing from BarTender. You can install Drivers by Seagull from the CD Start menu (if you have a CD) or by downloading them from <u>www.seagullscientific.com</u> .
< <u>B</u> ack <u>Finish</u>



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.)

Choose a BarTender Edition
You are running the UltraLite edition.
For the first 30 days, you have the option of trying out features from more powerful editions. These features are indicated in the BarTender user interface by "(Trial)" appearing after them. To continue using these "Trial Features" after the trial period ends, you would need to upgrade to a more powerful edition. You now have the option of selecting an edition with or without the "Trial Features" available. You can change your mind later using the Edition Selection option in the Help menu.
What would you like to do?
Run the Enterprise Automation edition, with Trial Features enabled for 30 days.
Run the <u>Automation edition</u> , with Trial Features enabled for 30 days.
Run the Professional edition, with Trial Features enabled for 30 days.
Run the Basic edition, with Trial Features enabled for 30 days.
Run the UltraLite edition only.
OK

2.Click "Start a new BarTender document".

BarTender	
Welcome!	
What would you like to o	do? BarTender document
Open an <u>e</u> xi	sting BarTender document
Don't show this dialog ag	jain Close



# 3. Choose "Blank Template", then click "Next".

New Document Wizard		×
Starting Point Select the starting point for the new document.		
You can start with a blank template, or base your new document on an existing one.		
Starting Point:		
Blank Template		
Existing BarTender Document		
Select		
	< Back Next >	Einish Cancel



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

New Document Wi	zard			<b>×</b>
Stock Selection			3597001 A7-1	
A Stock specifies the si position of the items of Stock or specify your of Specify Custom S Use a Predefined	ettings	nd		
Category:	Stock	-		
Stoc <u>k</u> Name:		-		
		*		
			< <u>B</u> ack Next >	Einish Cancel



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

ems Per Page   Specify the characteristics of your media.   Iost media has only a single item (label, card, tag, etc.) per page of stock. ome media, however, are more complex and have multiple items on a page. Image: I	×
<ul> <li>Single item per page</li> <li>Multiple columns and/or rows of items per page</li> <li>Rows: 1</li> </ul>	
Multiple columns and/or rows of items per page       Rows:	
Rows: 1	
<u>C</u> olumns: 1	
< Back Next >	inish Cancel



#### 6.Edit the side edges, then click "Next".

📘 New Do	cument W	/izard		×
Side Edge Specify 1		teristics o	of the sides of your media.	
Does your the edge o	stock have of the item	e a small and the	amount of unused material between edge of the page?	Preview:
© №, it	it does hav : does not Inused Area		inused material on the sides	
<u>L</u> eft: <u>R</u> ight:	0.05	in in		
				Template Size: 3.998 x 4 in
				< <u>Back</u> <u>Next</u> > <u>Finish</u> Cancel



7. Choose the item shape, then click "Next".

New Document Wizard	
rinted Item Shape Specify the shape of your items.	
	Preview:
	Template Size: 3.998 x 4 in



8.Edit the template size, then click "Next".

emplate Size Specify the size		item.							
Template <u>S</u> ize:	User Defined Size					Prev	Preview:		
<u>W</u> idth:	3.998	in	<u>H</u> eight:	4.0	in				
the item. Orientation — Portrait Portrait 1: Landscape Portrait 1: Landscape Effects Mirror Ima	80 e 180		Negatiy	23 (e			Template Siz	re: 3,998 x 4	4 in
						< <u>B</u> ack	Next >	Einish	Cance



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

New Document Wizard	
emplate Background Select a picture or color for your background.	
	Preview:
Background Features	
<ul> <li>Color</li> <li>Allows you to specify a fill color to use for the background.</li> <li>Picture         <ul> <li>Allows you to use a picture for the background.</li> <li>Template Image</li></ul></li></ul>	Template Size: 3.998 x 4 in



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

zard	
, a new BarTender document will be ngs that you specified.	Preview:
Blank	
3.998 x 4 in	
	Template Size: 3.998 x 4 in
	a new BarTender document will be ngs that you specified. Blank iDPRT iT4E



#### 8.4.2 label Edit

1.Click the icon of code

2. Choose the code, then click "Select".

🔁 General Purpose	Search
Disc / CD / DVD	Code 49
<ul> <li>GS1 (by Application)</li> <li>GS1 (by Symbology)</li> </ul>	12349078 Code 93
Health Care	12345078 Code 93
Dharmaceutical	12345678 Code 93i
Postal / Shipping	Code 128
All Symbologies (100)	12345078
	Preview: Code 128
	12345678
	12345678

3. Click the blank, showing the code.





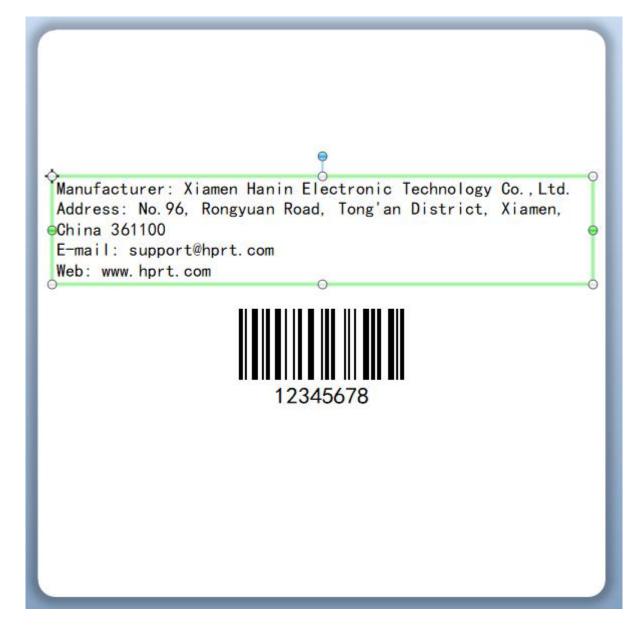
4. Double click the code and edit it. User can set up the size, font, border and so on.

	Symbology:	Code 128			•
Barcode 1	Dimensions				•
123 Human Readable	X Dimension:	14.78 mils 🚔 🚰	<u>R</u> atio:	Auto	*
Aª Font	Density:	12.356 chars/in	<u>H</u> eight:	0.5	in
Text Format      Border	Symbology Specific Options				
Position	✓ Check Digit		Code Set:	Auto	-
Data Sources	HIBC				
12345678	GS1-128 (UCC/EAN - 128)				
	GS1 A	Application Identifier Data S	ource <u>W</u> izard	Ĩ	
	Text Encoding	: US, Western Europe (7-E		J	
	rext Encoung	US, Western Lurope (71	ASCII)	<u> </u>	
	845				
	<u>C</u> olor:			Print Me	thod
	<u>C</u> olor:	•		Prin <u>t</u> Me	thod
	<u>C</u> olor:	•		Prin <u>t</u> Me	thod

Finishing the change, click "Close".



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





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

੨੮ਃ Manufacturer: 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 12345678



#### 7.Compose the text.

Manufacturer:	a construction of the second se
web. www.nprt.	12345678

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
	Printer Setup 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)
Setting	Label Setup	Label Type	Gap Label (Default) Black Mark Continuous
Setting		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



Apollo/Apollo Pro User Manual

			Apollo/Apollo Pro <i>User Manual</i>
			CP851 CP869 Win 1252 Win 1250 Win 1251 Win 1253 Win 1254 Win 1255 Win 1255 Win 1257 UTF-8 UTF-16BE UTF-16LE
		Print Y Offset	+/-120
		Print X Offset	+/-120
		LCD Timeout	0-9
		LCD Brightness	0-9
	LCD Setup	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
	e.	Date	YYYY/MM/DD
	Int.Device	Time	hh:mm:ss
RS232 Setup	RS232	Baudrate	9600 (Default) 14400 19200 38400 57600 115200
	Setup	Data Bits	7-bit 8-bit (Default)

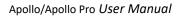


Apollo/Apollo Pro User Manual

			Apollo/Apollo Pro User Manual
		Parity	None (Default) Odd Even
		Flow Ctrl	None XON/XOFF Hardware (Default) SW+HW
		Switch	OFF ON
	Ethernet Setup	Address Mode	DHCP Static (Default)
		Port Number	Default: 9100
	Ethernet	IP Address	Default:10.0.3.22
	Setup	Default Gateway	Default:10.0.3.1
		Subnet Mask	Default:255.255.255.0
		Bluetooth Switch	OFF (Default) ON
	Wireless Setup	SPP Pairing Code	Default:0000
	(((@)))	WiFi SSID	
	Wireless Setup	WiFi Switch	OFF (Default) ON
		Networking Mode	AP Mode (Default) Station Mode
		Keyboard	None (Default) USB Host RS232
	Ext.Device Ext.Device	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
Testing	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		
	Printer Configuration		Print the information of printer's current settings
Config Info	Internal Font List		Print all the internal fonts template
Ċ.	Barcode Lists		Print all the barcodes template
Config Info	Internal Flash File List		Print the internal flash file list
	External Memory File List		Print the external flash file list
	LCD Configuration		
Smart Printing 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 Label Form Switch	OFF (Default) ON
	Auto Form	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.