

Label Printer iD4 Series User Manual



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Rev.1.3



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Changes Record

Rev.	Date	Description
1.0	2017.04.10	
1.1	2018.08.02	Change the Bluetooth password
1.2	2019.05.05	Change the position of the sensor
1.3	2019.08.27	Change the interface of the tool



Statement

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Warnings

 $^{\infty}$ 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 iDPRT 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 down, 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.

• Pls. switch off the POWER supply when connect/disconnect all the ports or it will cause damage to the printer control circuit.

• Never carry out maintenance or repair work yourself. Always contact a qualified service Technician.

• Keep this User Manual in a place which is easily accessible at all times.



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.



Note: The packing materials are actually based on the order.



1.2 Appearance and Components

Front View





Inside View



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



1.3 Dimension

Take printer iD4P as example.













Chapter 2 Specifications

14	2	(2/1)	
Item			
		iD4P	
Resolution	STD 203dpi,OPT 300dpi		
May Printing Speed	5 ips (203dpi)	8 ips (203dpi)	
	4 ips (300dpi)	6 ips (300dpi)	
Max.Printing Width	108mm(203dpi),106mm(300dpi)		
Max.Pringting Length	2,286mm(203dpi),1,524mm(300dpi)		
RAM	128MB		
Flash	256MB		
nguage	ZPL-II,EPL-II,DPL		
	Print Frame Open Detect,	Paper Out Detect, TPH	
Sensor	Over Heating Detect, 2 Fixe	ed Position See-through	
	sensor, Full Range Reflective Sensor		
T. ve e e	Continuous Paper, Gap, Black Mark, Punched Hole		
Types	Label		
Width	1''(25.4)-4.65''(118mm), include the liner		
Thickness	0.002''(60um)-0.01''(250um)		
Label Roll Diameter	5''(127mm) Max		
Core Diameter	0.5''(12.7mm), 1''(25.4mm). 1.5''(38mm)		
Label Decign Coffuero	DDDT Partondor I Iltralita		
Label Design Software	IDPRT Bartender Ultralite		
Duinea	Windows 7,8,10, Server 200	08,2012	
Driver	CUPS for Linux and MAC OS		
	6, 8, 12, 16, 32, OCR A	& B. 90°, 180°, 270°	
Bitmap fonts	rotatable and 10 times expandable in horizontal		
	and vertical directions		
	Monotype CG Triumvirate	™. 0°, 90°, 180°, 270°	
I IF TONTS	rotatable		
Ditation forst-	90°, 180°, 270° rotatable a	nd 10 times expandable	
Bitmap fonts	in horizontal and vertical d	irections	
	16x16, 24x24. Traditiona	al Chinese, Simplified	
	Chinese, Japanese, Korean, 90°,180°,270°, rotatable		
Asian fonts	and 8 times expandable in	horizontal and vertical	
	directions		
TTF fonts	90°, 180°, 270° rotatable		
	Max.Pringting Length RAM Flash Tguage Sensor Sensor Vidth Thickness Label Roll Diameter Core Diameter Label Design Software Driver Bitmap fonts TTF fonts Bitmap fonts	iD4SPrinting MethodDirect thermalResolutionSTD 203dpi,OPT 300dpiMax.Printing Speed5 ips (203dpi)Max.Printing Width108mm(203dpi),106mm(30)Max.Pringting Length2,286mm(203dpi),1,524mmRAM128MBFlash256MBrguageZPL-II,EPL-II,DPLPrint Frame Open Detect, SensorOver Heating Detect, 2 Fixe sensor, Full Range Reflectiv Continuous Paper, Gap, Bla LabelWidth1"(25.4)-4.65"(118mm), incTypesContinuous Paper, Gap, Bla LabelWidth1"(25.4)-4.65"(118mm), incThickness0.002"(60um)-0.01"(250um)Label Roll Diameter5"(127mm) MaxCore Diameter0.5"(12.7mm), 1"(25.4mm).DriverWindows 7,8,10, Server 200 CUPS for Linux and MAC ODriver6, 8, 12, 16, 32, OCR A rotatable and 10 times ex and vertical directionsTTF fontsMonotype CG Triumvirate rotatableBitmap fonts90°, 180°, 270° rotatable a in horizontal and vertical directionsAsian fonts16x16, 24x24. Traditiona Chinese, Japanese, Korean, and 8 times expandable in directions	





			(2/2)	
	ltem	Parai	neter	
1D Barcodes			odabar, Code 128 (subset A, B, lepen, GS1 DataBar, Standard 2	
	2D	PDF417, Data matrix code, QR code, Micro PDF417, Aztec code		
Code Page		850, 852, 437, 860, 863, 865, 857, 861, 862, 855, 866, 737, 851, 869, WINDOWS 1250, 1251, 1252, 1253, 1254, 1255, 1257, UTF-8, UTF-16BE, UTF-16LE, DBCS 932 (JIS), 936(GBK), 949 (Koran), 950(BIG5)		
Graphics		Resident graphic file types are BMP and PCX, other graphic formats are converted by the software download		
Intorfaces	Standard	USB	USB,USB HOST, RS232,Ethernet	
Interfaces	Optional	RS232,Ethernet,Wi-Fi, Bluetooth	Parallel, Wi-Fi, Bluetooth	
Control Panel		Power switch button, FEED button, 2 indicating LEDs		
LCD Display		Not Support	2.4" TFT LCD with Navigation Button	
RTC Function Power Supply		Not Support External AC/DC switching power adapter, AC 100V-240V/DC 24V/2A/48W,Peak 5A	Standard External AC/DC switching power adapter, AC 100V-240V/DC 24V/2.5A/60W,Peak 9A	
	Operation	5 to 50°C@ humidity 25% to	85% non-condensing	
Environment	Storage	-40 to 60°C@ humidity 10% t	to 90% non-condensing	
Physical	Dimension(L*H*W)	247*210*177mm		
Characteristic	Weight	About 1.8 kg		
Options & Accessory		Peeler Module, Cutter Module, External Label Roll Holder		
Agency Approval CE EMC (EN 55022 Class B), FCC EMC (Class A), CCC		CC EMC (Class A), CCC, RoHS		



Chapter 3 Installation & Usage

3.1 Media Loading

3.1.1 Loading the Roll

1.Pull and lift the cover. (eg:iD4P)



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





3.Press down the locking tab.



4. Pass the labels through label guides and adjust label guides to label's width.





5. Press the lock and close the cover slightly.



6.Press down the cover until it snaps closed.



iDPRT

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.





- 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 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 iD4P or iD4S 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).







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.Directional Pad (only for printer iD4P)



It is included by up arrow button, down arrow button, menu button and enter button.

- Up Arrow Button: Common uses are to scroll through choices, navigating to the left or the previous choice.
- Down Arrow Button: Common uses are to scroll through choices, navigating to the right or the next choice.
- Menu Button: Common uses are to back to the previous menu or to cancel the settings.
- Enter Button: Common uses are to navigate to the sub-menus, change the values or to save the settings.



4. Display (only for printer iD4P)

It is divided into idle display, home menu display, sub-menu displays and operating displays.



Idle Display

- When the printer is power on, the idle display will appear.
- It contains printer's name, version number of the firmware, time and menu.



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Home Menu Display

- When the printer is ready, press menu button for three seconds, and printer will come into home menu.
- User can operate the printer by display in home menu.





- Sub-menu Display
- There are numerous sub-menu displays and user can switch them by menu button and enter button.



Operating Display

• When operating display appears, it means that printer is carrying the command that user has sent. After finishing the task, printer will return to the sub-menu display.



① The item with red frame: When the item is white, the relevant values could be changed both by display operation and software instructions. When the item turns yellow, the relevant values have been protected and can only be changed by display operation.

② User can change the item into another status by clicking the corresponding value.



3.5.2 Display Operation



- The display operation of printer iD4P is controlled by directional pad.
- The highlighted item represents that user has chosen the item needed.

In the following instructions, the example will be taken to show user how to operate the printer.

Changing the speed of the printer:

1. Press the power button to open the printer's power.

2.Press the menu button for three seconds to enter the home menu, then choose the "Setting" item.



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3.Enter the setting menu, then choose the "Printer Setup" item.





4.Enter the "Printer Setup" menu.

Х	Printer Setup		
	int [⊗] hod	🖲 DT	ОΠ
Pr Spe	int [®] ∋ed	4 ips	+
	int [®] ness	10	+

5. Move the selection highlight to "Print Speed" item by down arrow button

change it into the value needed by enter button igslash

\times	Printer Setup			>
	int [©] hod	💿 DT	0	Π
	int [®] eed	6 ips		+
	int [©] ness	10		+



6.Press the tick to save the values that have been changed.



Finishing the above operation, user has changed the speed of the printer successfully.



- Much more detailed information of display menu needed, please refer to the appendix in the end.
- Pictures above are for your reference, and the display shows as the real printer does.

3.5.3 Indicator Instructions

1.Power light

Color	Action	Indicating Status
x	х	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 A)



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

2.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.



- 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: iDPRTUtility.exe

6.2 Usage

Note: The screen may vary slightly by different operating systems and models. Take printer iD4P as example. Please refer to printer iD4P when using printer iD4S.

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

Printer Utility V1.0.0.3		
Aa		
Settings Fonts		re System
Printer: iD2X -	Common RS-232 Bluetooth Ethernet	
	Ribbon Mode:	
USB Config	After Printed:	
Printer Information	After Power On:	
Version:	After TPH Close:	
Serial Number:	Protocol:	
	Paper Type:	
Cutting Counter:	Sensor Select:	
Mileage:	Buzzer Volume:	
m m	Maximum Length: mm	
Get Printer Information	Tear Off: -120 ~ +12	20 dots
Get Printer Information	Print Speed: vips	
Printer Status	Density: 0 to 30	
	Reprint When Error:	
	Heat Adjust:	
	Load Save Set	Get
Get Status	RTC Setting	



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

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

Drinter Utility V1.0.0.3		
Aa		Ę
Settings Font	s Storage Function Test Command Test Firmware	System
Interface	Common ZPL DPL RS-232 Bluetooth Ethernet WIFI	
Printer: iD4P 🔻	Ribbon Mode:	
USB Config	After Printed:	
ICOM rmation	After Power On:	
ETH	After TPH Close:	
Serial Number:	Protocol:	
	Paper Type:	
Cutting Counter:	Sensor Select:	
Mileage:	Buzzer Volume:	
m	Maximum Length: mm	
Get Printer Information	Tear Off: -120 ~ +120 dot	ts
Get Printer Information	Print Speed:	
Printer Status	Density: 0 to 30	
	Load Save Set	Get
Get Status	RTC Setting	





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

🔅 Printer Utility V1.0.0.3		
🔅 Aa		L
Settings Fonts	Storage Function Test Command Test Firmware	System
Interface Printer: iD4P USB Config Printer Information Version: V10.02.11 Serial Number: ID4P0018180081 Cutting Counter: 1 Mileage: 976.55 m Get Printer Information Printer Status	Common ZPL DPL RS-232 Bluetooth Ethernet WIFI Ribbon Mode:	
Get Status	Load Save Set	Get



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

Printer Utility V1.0.0.3			
🌣 Aa	المتا الأكا ا	> CMD > _	
Settings Fonts	Storage Function	Test Command Test	Firmware System
Interface Printer: D4P	Common ZPL DPL RS-232 Bluetoot	h Ethernet WIFI	
	Ribbon Mode:]
USB Config	After Printed:		
Printer Information	After Power On:	-	
Version:	After TPH Close:		
V10.02.11	Protocol:		
Serial Number: ID4P0018180081	Paper Type:		
Cutting Counter:	Sensor Select:		
1	Buzzer Volume:		1
Mileage:		•	
976.55 m	Maximum Length:		mm
Get Printer Information	Tear Off:		-120 ~ +120 dots
	Print Speed:	•	ips
Printer Status	Density:		0 to 30
Idle!			
	Load Save		Set Get
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 V1.0.0.3			
Aa	است التنا	> CMD > _	
Settings Fonts		Fest Command Test	Firmware System
Interface Printer: iD4P	Common ZPL DPL RS-232 Bluetoot	h Ethernet WIFI	
USB Config	Ribbon Mode:	ON -	
	After Printed:	Tear off 🔹 🔻	
Printer Information	After Power On:	None	
Version: V10.02.11	After TPH Close:	None	
Serial Number:	Protocol:	AUTO 🔻	
ID4P0018180081	Paper Type:	Gap 🔻	
Cutting Counter:	Sensor Select:	Transmissive 👻	
1	Buzzer Volume:	Low	
Mileage:		500	
976.55 m	Maximum Length:		mm
Get Printer Information	Tear Off:	0	-120 ~ +120 dots
	Print Speed:	8	ips
Printer Status	Density:	15	0 to 30
Idle!			
	Load Save		Set Get
Get Status	RTC Setting		



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

Printer Utility V1.0.0.3		
Settings Fonts		
Interface	Common ZPL DPL RS-232 Bluetooth Ethernet WIFI	are system
Printer: iD4P USB Config	Baud Rate: 115200 Data Bits: 8	
Printer Information Version:	Parity: None	
V10.02.11 Serial Number: ID4P0018180081	Flow Control:	
Cutting Counter:		
Mileage: 976.55 m		
Get Printer Information		
Printer Status Idle!		
	Load Save Set	Get
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 V1.0.0.3		_ _ ×
Settings Fonts		System
Interface	Common ZPL DPL RS-232 Bluetooth Ethernet WIFI	-
Printer: iD4P -	Bluetooth Name: ID4 (<=16 characters)	
USB 🔻 Config	Password: 0000 (4 characters)	
Printer Information Version:	Mac address: : <t< td=""><td></td></t<>	
V10.02.11		
Serial Number: ID4P0018180081		
Cutting Counter:		
1		
Mileage:		
976.55 m		
Get Printer Information		
Printer Status		
Idle!		
	Load Save Set	Get
Get Status	RTC Setting	



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

🔅 Printer Utility V1.0.0.3		– – ×
Settings Fonts		System
Interface	Common ZPL DPL RS-232 Bluetooth Ethernet WIFI	
Printer: ID4P USB Config	DHCP:	
	IP Address: 10 0 18 22	
Printer Information Version:	Subnet Mask: 255 255 255 0	
V10.02.11	Default Gateway: 10 0 18 1	
Serial Number:	Mac address: AC _ DE _ 48 _ FF _ FF _ FF	
ID4P0018180081		
Cutting Counter:		
1		
Mileage:		
976.55 m		
Get Printer Information		
Printer Status		
Idle!		
	Load Save Set	Get
Get Status	RTC Setting	



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

Printer Utility V1.0.0.3	
Settings Fonts	
Interface	Common ZPL DPL RS-232 Bluetooth Ethernet WIFI
Printer: iD4P USB Config	SSID: ID4 Password: 12345678 (>=8 characters)
Printer Information Version:	Work Mode: AP DHCP: OFF
V10.02.11	
Serial Number:	IP Address:
ID4P0018180081	Subnet Mask:
Cutting Counter:	Default Gateway:
Mileage:	Mac address:
976.55 m	
Get Printer Information	
Printer Status	
ldle!	
	Load Save Set Get
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:	2019	Get System DateTime
Month:	8	
Date:	27	
Hour:	15	Setup
Minute:	28	Setup
Second:	02	Close



- 1 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 V1.0.0.3		x
Settings Fonts		
Interface	Common ZPL DPL RS-232 Bluetooth Ethernet WIFI	
Printer: iD4P 🔻	SSID: ID4	
USB 🔻 Config	Password: 12345678 (>=8 characters)	
Printer Information		
Version:	Work Mode:	
V10.02.11	DHCP:	
Serial Number:	IP Address:	
ID4P0018180081	Subnet Mask:	
Cutting Counter:	Default Gateway:	
1		
Mileage: 976.55 m		
976.55 m		
Get Printer Information		
Printer Status		
Idle!		
	(1) (2)	
	Load Save Get	
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	ce286,790,656B.					
Graphics	Label Form	Auto Label Form				
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. . .

.

File Type: Graphics Magnification: 1.0	
File Name:	 Download
Free space: 119, 401, 472B; Uses space 286, 790, 656B.	

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 🔹	e: Graphics Magnification: 1.0						
File Name: C:\Users\Administrator\De	me: C:\Users\Administrator\Desktop\1.bmp Download						
Free space:286,790,656B;Uses space	119,401,472B.						
Graphics	Label Form	Auto Label Form					
ÎÏÅ£.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) You can set a magnification of the graphic as needed.

Download File							
File Type: Graphics 🔹	Magnification: 1.0						
File Name: C:\Users\Administrator\De	File Name: C:\Users\Administrator\Desktop\1.bmp 1.0 Download						
	2.0 2.5 3.0 3.0						
Free space: 286, 790, 656B; Uses space	119,401,472B. 3.0						
Graphics	Label Form	Auto Label Form					
ÎΣ.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.

torage: FLASH	Select Font:			Download
ree space: Storage	119,401,472B;Uses spaceB. Fonts File Name		Input test text:(Length<2	56)
]		
	Delete Delete All Fonts			Print Text

(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\Administra	tor\Desktop\Fonts\Fonts\cour.ttf Download
Downloadi	ing: 788 KB/788KB.	
Free space	::1,069,056B;Uses space1,00	3,520B.
Storage	Fonts File Name	Input test text:(Length<256)
FLASH	COUR.TTF	abc123
FLASH	CYR.TTF	
-		
	Delete	Printable Width: 30 (10-108)mm
		Printable Height: 30 (10-210)mm
	Delete All Fonts	



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

🔅 Printer Utility V1.0.0.3					_ D _ X
Settings Fonts	Storage	Function Test	> CMD >_ Command Test	Firmware	System
Interface					
Printer: iD4P					
USB Config	Media Sensor Ca	libration	Restore Factory Default		
Printer Information	L				
Version:					
V10.02.11 Serial Number:	Configuration	Page	Media Sense Waveform Printi	ng	
ID4P0018180081					
Cutting Counter:	Pattern Print T	esting	Advance Media Sensor Calibra	tion	
1	Fatterrint	esung	Auvance media Sensor Calibra	John	
Mileage:					
976.55 m	Cutter Cut Te	esting	Buzzer Function Testing	_	
Get Printer Information					
Printer Status					
Get Status					



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



Chapter 7 Seagull 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 Seagull Windows Driver application program in CD.



7.3 Installation



- Under different operating systems, the screen may be slightly different. Take Windows 7 as example.
- Take printer iD4P as example. Please refer to printer iD4P when using printer iD4S.
- 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 Seagull Windows Driver

4.Read and agree the license agreement. Then click "Next".

Windows Printer Drivers	×
License Agreement Please read the following license agreement carefully.	ULL
WINDOWS PRINTER DRIVER LICENSE AND LIMITED WARRANTY	•
Seagull Scientific, Inc. ("Seagull") grants you a non-exclusive license to use the accompanying Windows Printer Driver(s) and related documentation ("Seagull Software"), subject to the following provisions. You assume full responsibility for selection of the Seagull Software to achieve your intended results, and for the installation, use, and results obtained from the Seagull Software.	the
Both the software and the related material are Copyrighted and are protected by la Title to and all rights and interests in the Seagull Software, wherever resident and whatever media, are and shall remain the property of Seagull. Furthermore, by using the property of Seagull.	on _
 I accept the terms in the license agreement I do not accept the terms in the license agreement 	
< <u>B</u> ack <u>N</u> ext >	Cancel



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

Windows Printer Drive	ers	— ×			
Installation Directory Please select the directory to unpack the software.					
	npacked to the directory listed below. To unp bath or click Browse to select a different direc				
Installation Directory:	C:\Seagull	Browse			
	Space required on drive:	43.6 MB			
	Space available on selected drive:				
	< <u>B</u> ack	lext > Cancel			

6.Click "Finish".

Windows Printer Drivers	— ×
Installation Information Follow the instructions below to install the software.	SEAGULL
 Instructions After the drivers are unpacked, install them using the Drivers 	ver Wizard.
Options Run <u>D</u> river Wizard after unpacking drivers Read installation instructions (contained in "Installation")	Instructions.html")
< <u>B</u> ack	Finish Cancel



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



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



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

Seagull I	Seagull Driver Wizard			
Plug and Play Printer Detection New Plug and Play printers are automatically detected for installation.				
Selec	t the printer driver to install.			
۲	Install a driver for a Plug and Play printer			
	Printer Model	Port		
	iDPRT iD4P (203 dpi) - ZPL	USB001		
Install a driver for another printer				
		< <u>B</u> ack Next	> Cancel	

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

	d 🛛 🕹		
Specify Printer Name Names are used to identify the printer on this computer and on the network.			
Enter a name for t	his printer.		
Printer name:	iDPRT iD4P		
🔽 Use this printer	as the default printer		
	r not you want to share this printer with other network users. When provide a share name.		
Oo not share to be a share	nis printer		
Oo not share the share the share the share name:	ibprt_iD4P_(203_dpi)ZPL		
	-		
	-		



10.Click"Finish".





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



12. 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" \rightarrow "Devices and Printers". Right click icon and choose "Printing preferences".





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

iDPRT iD4P Printing Preferences			
Page Setup Stock <u>N</u> ame:	Graphics Stock Options About USER (4.00 in x 4.00 in)		
Preview	Orientation		
	Portrait Mirror Image		
ALE	◎ Landscape Negative		
	Portrait 180°		
	Land <u>s</u> cape 180°		
Preset -			
N <u>a</u> me:	N <u>a</u> me:		
Ad <u>v</u> anced Options			
© 1998-2016 Seagull Scientific, Inc., Authors of the BarTender® label software.			
(OK Cancel Apply Help		



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

iDPRT iD4P Printing Preferences				
Page Setup Graphics Stock Options About				
Stock	Stock			
2	JSER (4.00 in x 4.00 in) 2 x 4 (2.00 in x 4.00 in)			
	4 x 4 (4.00 in x 4.00 in) 4 x 6 (4.00 in x 6.00 in)			
	Ortrait	Mirror Image		
ALE	Landscape	Negative Negative		
	O Portrait 180° O Landscape 180°			
Preset	Preset			
N <u>a</u> me:	N <u>a</u> me: <default settings=""> <u>M</u>anage </default>			
Ad <u>v</u> anced Options				
© 1998-2016 Seagull Scientific, Inc., Authors of the BarTender® label software.				
OK Cancel Apply Help				





•Click "New Stock", and set up a new stock.

Edit Stock	—
Stock <u>Name: New Stock</u> Type: Die-Cut Labels	Preview
Label Size <u>Wi</u> dth: 4.00 in Height 4.00 in	
Exposed Liner Widths Left: 0.05 in Right: 0.05 in	
	OK Cancel Help



• Click "Edit Stock", and edit the stock.

Edit Stock								×
Stock <u>N</u> ame:	USER			Preview				
Туре:	Die-Cut Labels		•					7
- Label Si			4.00 -	ſ				
<u>W</u> idth:		Height	4.00 in					
Exposed	Liner Widths 0.05 in	<u>R</u> ight:	0.05 in					
				Ļ				
					ок	Cancel	Help	

•Click "Delete Stock", and delete the stock.





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

iDPRT iD4P Printing Preferences			
Page Setup Stock <u>N</u> ame:	Graphics Stock Options About USER (4.00 in x 4.00 in) New Edit Delete		
Preview -	Orientation Portrait Landscape Portrait 180° Landscape 180°		
Preset Name: Advanced Options			
© 1998-2016 Seagull Scientific, Inc., Authors of the BarTender® label software.			
(OK Cancel Apply Help		



iDPRT iD4P Printing Preferences	×			
Page Setup Graphics Stock Options Stock	*			
Ne <u>w</u>	Edit			
Preview Orientation I JJA UNUUU UNUU UNUU UNUU UNUU UNUU UNUU	CEffects ✓ Mirror Image Negative			
Preset Name: <current settings=""></current>	✓ <u>M</u> anage Advanced Options			
© 1998-2016 Seagull Scientific, Inc., Authors of the BarTender® label software. OK Cancel <u>Apply</u> Help				





•Click "Preset" \rightarrow "Name", and back to the default settings.

🖶 iDPRT iD4P Printing Preferences		
Page Setup Graphics Stock Options About Stock		
Preview Orientation Effects J_A Landscape Portrait 180° Landscape 180° Effects Migror Image Negative 		
Preset Name: <current settings=""> <current settings=""> <current settings=""> <default settings=""> Adyanced Options</default></current></current></current>		
© 1998-2016 Seagull Scientific, Inc., Authors of the BarTender® label software. OK Cancel <u>A</u> pply Help		



•Click "Manage", and change the settings.

Presets	—
Presets allow you to save your prin quickly switch between different of	nt settings with a name so that you can configurations.
Preset List Current Settings>	Preset Information Name: Current Settings>
<default settings=""></default>	Description:
~	This preset contains this driver's current settings.
Preset Management	Delete
ОК	Cancel Help




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

iDPRT iD4P Printing Preferences
Page Setup Graphics Stock Options About
Resolution: 203 dpi x 203 dpi 🗸
Dithering
○ None
Halftone
Ordered
Error Diffusion
Device Dithering
Color Adjustment Dithering Setup
Color Control: Monochrome
Color <u>M</u> atching:
Color Registration Color <u>S</u> etup
OK Cancel <u>Apply</u> Help



4.Click "Stock".

iDPRT iD4P Printing Preferences		
Page Setup Graphics Stock Options About		
Media Settings Print Method: Use Current Printer Setting		
Media <u>Type</u> : Use Current Printer Setting		
Feed Mode		
Mode: Use Current Printer Setting Pause After Cut		
Pause: No Pause Interval: 1		
Feed Options Set Top Adjustment: Set Rest Position Adjustment:		
OK Cancel Apply Help		



•Set up the print method.

iDPRT iD4P Printing Preferences
Page Setup Graphics Stock Options About
Media Settings
Print Method: Use Current Printer Setting
Media Type: Use Current Printer Setting Direct Thermal
Feed Mode
Mode: Use Current Printer Setting Pause After Cut
Pause: No Pause
- Food Ontigen
Feed Options
Set Rest Position Adjustment:
OK Cancel Apply Help





•Set up the media type.

iDPRT iD4P Printing Preferences
Page Setup Graphics Stock Options About
Media Settings
Print Method: Use Current Printer Setting
Media Type: Use Current Printer Setting
Use Current Printer Setting Continuous
Feed Mode Non Continuous (Web Sensing)
Mode: Use Current Printer Setting Pause After Cut
Pause: No Pause
Feed Options
Set Top <u>A</u> djustment:
Set Rest Position Adjustment:
OK Cancel <u>Apply</u> Help



iDPRT iD4P Printing Preferences
Page Setup Graphics Stock Options About
Media Settings
Print Method: Use Current Printer Setting
Media <u>Type</u> : Use Current Printer Setting
Feed Mode
Mode: Use Current Printer Setting Pause After Cut
Pause: Use Current Printer Setting Tear Off Peel Off Cut
Feed Options Set Top Adjustment: Set Rest Position Adjustment:
OK Cancel <u>Apply</u> Help

•Click "Feed Mode" \rightarrow "Mode", and choose the method of media handing.



7.4.2 Printer Properties

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





no iDPRT iD4P Properties					
Fonts Tools About				bout	
General	Sharing	Ports Adv	anced	Color Managemen	t Security
	idprt	iD4P			
Location:					
Comment	:				
M <u>o</u> del: Features Color: N	10	D4P (203 dpi) - Z		vailable:	
Double- Staple: I	-sided: No No				*
	Unknown				
	im resolutio	n: 203 dpi			Ŧ
	Pr <u>e</u> ferences Print <u>T</u> est Page				
		ОК	Cancel	Apply	Help

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



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

👌 iDPRT iD4P Properties 🛛 💽							
Fonts		Tools			About		
General S	Sharing Ports		Advanced Cold		Colo	r Management	Security
iD Print to the for checked port		t(s). Do	cument	s will pri	int to	the first free	
Port	Description	n		Printer			*
LPT3:	Printer Por	t					
COM1:	Serial Port						
COM2:	Serial Port						-
COM3:	Serial Port						E
COM4:	Serial Port						
FILE:	Print to File	2					
USB001	Virtual prin	ter por	t for	iDPRT i	D4P		-
Add P	or <u>t</u>		<u>D</u> elete	Port		<u>C</u> onfigure	Port
✓ Enable bid	lirectional su	pport					
Enable printer pooling							
	ner pooning						
L		OK		Cancel		<u>A</u> pply	Help

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 iD4P as example. Please refer to printer iD4P when using printer iD4S.
- To avoid the prevention, recommend to close the security software before installation.

1.Double click the application program \square .

2.Select language, then click "OK".

BarTender - InstallShield Wizard	—
Select the language for the in	stallation from the choices below.
English (United States)	▼
	OK Cancel

3.Click "Install".

BarTender	- InstallShield Wizard
B b	arTender requires the following items to be installed on your computer. Click Install to egin installing these requirements.
Status	Requirement
Pending	Microsoft .NET Framework 4.5.2 Full (Web Download)
	Install Cancel



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 > Cano	el

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

BarTender Setup			
License Agreement			
Please read the following license agreement carefully.			
End User License Agreement			
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 responsibility for the selection of the Seagull Software to achieve your intended results, and for the installation, use, and results obtained from the Seagull Software.			
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			
< <u>B</u> ack <u>N</u> ext > Cancel			



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

BarTender S	etup 💽
Installat	tion Options
Features	
📘 📝 Ba	rTender <u>D</u> esigner
🌖 📃 All	I <u>T</u> ranslations
🕒 👿 Sa	mple 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 <u>N</u> ext > Cancel

7.Click "Install".

BarTender Setup	- ×-
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



8.Click "Finish".

BarTender Setup	×
Installation Complete	
The installation has completed successfully.	
✓ Create <u>D</u> esktop Shortcut	
Open Getting 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 www.seagullscientific.com.	
< <u>B</u> ack <u>Einish</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 Automation edition, 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 Basic edition, with Trial Features enabled for 30 days. Run the UltraLite edition only.
ОК

2.Click "Start a new BarTender document".





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	
<u>S</u> elect	
	< Back Next > Einish Cancel



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

New Document W	ïzard	
Stock Selection		
position of the items of Stock or specify your		
Specify Custom	Settings	
Use a Predefined	d Stock	
<u>⊂</u> ategory;		
Stoc <u>k</u> Name;	*	
		< Back 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 ".)

New Document Wizard	••••
Items Per Page Specify the characteristics of your media.	
Most media has only a single item (label, card, tag, etc.) per page of stock. Some media, however, are more complex and have multiple items on a page.	
Single item per page	
Multiple columns and/or rows of items per page	
<u>R</u> ows: 1 ★ <u>C</u> olumns: 1 ★	
< <u>c</u>	<u>Back Next > Finish</u> Cancel



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

New Doc	ument Wizard	×.
Side Edges Specify t	; ne characteristics of the sides of your media.	
Does your s the edge of	stock have a small amount of unused material between f the item and the edge of the page?	Preview:
◙ <u>Y</u> es, it	does have some unused material on the sides	
© №, it	does not	
Width of Ur	nused Area:	
<u>L</u> eft:	0.05 in	
<u>R</u> ight:	0.05 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	
Printed Item Shape Specify the shape of your items.	
	Preview:
 <u>Rectangle</u> <u>Rounded Rectangle</u> <u>Ellipse</u> <u>Circle</u> 	
	Template Size: 3.998 x 4 in
	< Back Next > Einish Cancel



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

New Docum	ent Wizar	d					
Template Size Specify the si		item.					
Template Size:	User Def	fined Size	2		•	F	Preview:
<u>W</u> idth:	3.998	in	Height:	4.0	in		
Note: Do no the item.	e 80 e 180	any of t	Negative	3	ling		
							Template Size: 3.998 x 4 in
						< <u>B</u> a	ack Next > Finish Cancel





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

New Document Wizard	
Template Background Select a picture or color for your background.	
 Background Features Color Allows you to specify a fill color to use for the background. Picture Allows you to use a picture for the background. Template Image Allows you to display a picture of what you want your completed design to look like behind the design area. You can then design on top of that picture, making it easier to position and size objects. 	Preview:
	< Back Next > Einish Cancel



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

New Document Wizard	
Finished!	
When you press Finish, a new BarTender document will be created using the settings that you specified. Review:	Preview:
Starting Document: Blank Printer: iDPRT iD4P Template Size: 3.998 x 4 in	Template Size: 3.998 x 4 in
	< Back Next > Einish Cancel



8.4.2 label Edit

1.Click the icon of code

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

Select Barcode	
 Select Barcode General Purpose Disc / CD / DVD GS1 (by Application) GS1 (by Symbology) Health Care Pharmaceutical Postal / Shipping TLC All Symbologies (100) 	Search Search Code 49 Search Code 93 Code 93 Code 93 Code 128 Preview: Code 128 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
	Select Cancel Help



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.

Barcode Properties			×
Barcode Properties	(***		 Auto Auto Auto Auto Auto
	<u>C</u> olor:	•	Prin <u>t</u> Method
	L		Close Help





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











7.Compose the text.



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

Appendix

Home Menu	Sub-menu	Sub-menu	Value
		Print Method	DT
		Print Speed	2-N ips (varies with different printers)
	Printer Setup	Print Darkness	0-N (ZPL/DPL: N=30 EPL: N=20)
Printer Setup	Printer	Rotation	0 (Default) 90 180 270
		After Printed	None Tear Off (Default) Peeling Cutting
Setting	Label Setup	Stop Position	Default Manually (0-30mm)
Setting		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



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			iD4 Series User Manual
			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 Timeout	0-9
		LCD Brightness	0-9
			English (Default)
			Spanish
	LCD Setup		Portuguese
			France
	LCD	LCD Language	German
	*		Ukrainian
	LCD Setup		日本语
			中文简体
			中文繁体
		Security Password	0000 (Default)
		Standby Display	Ready
		Standby Display	Date/Time
	Int.Device	Buzzer Volume	0-3
			Default: 2
		Date	YYYY/MM/DD
	Int.Device	Time	hh:mm:ss
		THIL	
	RS232 Setup		9600 (Default)
	<u> </u>		14400
		Daudrata	19200
		Baudrate	38400
	RS232		57600
	Setup		



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			1D4 Series User Mariaa
		Data Bits	7-bit 8-bit (Default)
		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 Setup	IP Address	Default: 192.168.1.1
	Serah	Default Gateway	Default: 255.255.255.0
		Subnet Mask	Default: 192.168.1.0
		Bluetooth Switch	OFF (Default) ON
	Wireless Setup	SPP Pairing Code	Default: 0000
	(((?)))	WiFi SSID	iD4P (varies with different printers)
	Wireless Setup	WiFi Switch	OFF (Default) ON
		Networking Mode	AP Mode (Default) Station Mode
	Ext.Device	Keyboard	None (Default) USB Host RS232



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		Keyboard Language	English (Default) Spanish Portuguese France German Ukrainian
		Barcode Scanner	None (Default) USB Host RS232
	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
TI	Cutting Test		Test the cutter
Testing			Enter
	Restore Factory Default		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
G ∎	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 Form	Auto Label Form Switch	OFF (Default) ON
	Delete Auto Label Form	NO (Default) YES