

BP4206e & BP4304e

Desktop Barcode Printer



User Manual



Contents

Important Safety Instructions	2
Chapter 1 Introduction	5
1.1 Packing List	5
1.2 Appearance and Components	6
1.3 Dimension	
Chapter 2 Specifications	9
Chapter 3 Usage & Installation	
3.1 Media Loading	
3.2 Power Connection	17
3.3 Interface Cable Connection	
3.5 Operation Panel	
3.6 Basic Operation	
Chapter 4 Interface	
4.1 USB Interface	
4.2 Ethernet Port	21
Chapter 5 Maintenance & Adjustment	22
5.1 Cleaning Thermal Print Head	
5.2 Cleaning Sensor, Platen and Paper Path	
Chapter 6 Printer Utility Tool Instructions	24
6.1 Installation Preparation	
6.2 Usage	24
Chapter 7 Seagull Windows Driver Instructions	
7.1 Introduction	
7.2 Windows Driver Preparation	
7.3 Driver Installation	34
7.4 Usage	
Chapter 8 BarTender Ultralite Instructions	48
8.1 Introduction	
8.2 Installation Preparation	
8.3 Installation	
8.4 Usage	53



Statement

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

1.0 Version

WARNING

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

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

Special Reminder

Due to continuous improvement of the products, the specifications, accessories and procedures described in

the manual are based on actual machines. And it may be changed without prior notice.



Important Safety Instructions

Before using the printer, please read carefully the following safety consideration.

1.Safety warning

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

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

2.Instructions

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

- 1) Do not insert several plugs into a multi hole power outlet at the same time.
 - This can cause overheating and fire.
 - If the plug is wet or dirty, please dry or wipe it before use.
 - If the plug does not match the power outlet, do not plug it in.
 - Only standardized multi hole power sockets can be used.

2) You can only use the adapters supplied in this package.

- Using other adapters is dangerous.
- 3) Do not pull the plug by pulling on the connecting wire.
 - This can damage the connecting wires, causing a fire or machine malfunction.

4) Do not plug or unplug the power plug when your hands are wet.

• This can cause an electric shock.

5) Do not bend the connecting wire forcefully or place it under a heavy object.

• Damage to the connecting line may cause a fire.

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

1) If you observe a strange smoke, odour or noise from the printer, unplug it before taking following Rev: 1.0 2



- Switch off the printer and unplug the set from the mains.
- After the smoke disappears, call the dealer for repairs.

2) Install the printer on the stable surface.

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

3) Use only approved accessories and do not attempt to disassemble, repair, or modify yourself.

• If you need these services, please contact your dealer by phone.

4) Do not let water or other foreign objects drop into the printer.

• If such an event occurs, please shut down and unplug Printer. Then contact the dealer.

5) Do not use the printer when it is out of order. This can cause a fire or an electrocution.

• Switch off and unplug the printer before calling your dealer.

6) Other considerations:

- Leave enough space around printer for operation and maintenance.
- Do not expose the printer to high temperatures, direct sunlight or dust.
- Do not use and store this product in places with high temperatures, high humidity, and severe pollution.
- Avoid placing this product in a place with vibration and shock.

• Connect the power adapter of this product to a suitable grounded socket to avoid using the same socket as large motors or devices that can cause fluctuations in power supply voltage.

- Switch off the printer POWER supply when it's not in use for a long time.
- To ensure print quality and product life, it is recommended to use recommended or equivalent quality paper.
- Please switch off the POWER supply when connect/disconnect all the ports or it will cause damage to the printer control circuit.
- Keep this User Manual in a place which is easily accessible at all times.



3. Other precautions

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

4.WEEE (Waste Electrical and Electric Equipment)



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

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

Warning: Operation of this equipment in a residential environment could cause radio interference.



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. Make sure you own all parts as follows, if not, do contact the seller.





The second second





Printer

Power Adapter

Power Cord

USB Cable Ribbon Spindles



Label Roll

Quick Start Guide



Empty Ribbon Core

Ribbon

Empty Kit







1.2 Appearance and Components

Power Port

USB Port-

Front View



^LSerial Port (Optional)

Ethernet Port



Inside View



Description of some components:

• Power LED and Status LED

The power LED is a single color indicator, and the status LED is a three-color indicator, which inform the user

of the printer status through different combinations, as described in Section 3.5 Operation Panel.

• External Roll Paper Entry Slot

BP 4206e&BP 4304e supports an external large paper roll. The external large paper roll feeds paper through

the external roll paper entry slot.

Release Latch

Press the left and right release latch with both hands simultaneously and lift the printing head.

Media Guides

Pass the paper through media guides and adjust media guides according to the paper width.



1.3 Dimension





-200	J. 10	00

П	
-	



0	
0	0
0,	 10



Chapter 2 Specifications

Table 2-1 Specifications

(1/3)

	Item	Parameters
	Printing Method	Thermal Transfer
Printing	Resolution	203 dpi/300 dpi
	Printing Width	108mm (203 dpi)/106mm (300 dpi)
	Printing Speed	6 ips (203 dpi), 4 ips (300 dpi)
	Print Length	51"(1200mm)
CPU		32-bit RISC CPU
RAM		64MB
Memory	Flash	128MB
	6	Out-of-paper Sensor, Gap Sensor, Ribbon Sensor, Black Mark Sensor, Cover
Detection	Sensors	Opening Sensor
	Туре	Black mark label, punched hole label, folding or rolling die cutting label
	Label Width	20mm– 112mm
Supplies/Paper	Label Height	8mm– 250mm
roll	Label Thickness	60mm– 200mm
	Roll Paper Diameter	Max. 127mm
	Core Diameter	0.5inches(12.7mm),1inch(25.4mm),1.5inches(38mm)
	Туре	Wax, Wax/Resin, Resin
Dibbon	Width	40mm– 110mm
KIDDON	Length	Max. 300m
	Core Diameter	0.5/1inches

Table 2-1 Specifications (continued)



BP 4206e&BP 4304e User Manual

	Item	Parameters				
Emulator/Program ZPL, TSPL, DPL, EPL ming Language		Emulator/Programming Language				
	Label Design	iDPRT BarTender Ultralite				
Software	Driver	Windows7,8,10,11Server 2012/2016/2018,Seagull Driver				
		8, 12, 16, 24, 32 and OCR A & B				
Desident Fonts	Bitmap Fonts	90°, 180°, 270° rotatable. 10 times maximum expandable in horizontal and				
Resident Fonts		vertical directions.				
	TTF Fonts	Monotype CG Triumvirate™ scalable true type font, Simplified Chinese				
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				
		Code 39, Code 93, Code 128UCC, Code 128 subset A, B, C, Codabar, Interleave				
	1D	2 of 5, EAN-8, EAN-13, EAN-128,				
Barcodes		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				
1	Standard	USB, Ethernet				
Interfaces	Optional	Bluetooth 4.0/BLE,WiFi				
		Monochrome status LED: Power LED				
User Interface		Three-color status LED: status LED				
		Control key: Feed, Calibration				

Table 2-1 Specifications (continued)

(3/3)

Item	Parameters



Power Adapter		switching power adapter Input: AC100-240V, 50/60Hz Output: DC 24V/2A		
Environment	Operation	41°F (5°C)-104°F (40°C), 30%-85%(non-condensing)		
Environment	Storage	-4°F (-20°C)-122°F (50°C), 10%-90%(non-condensing)		
Physical Characteristics		Dimension(L*H*W)		
		Weight		
Options & Accessories		External 8-inch label roll holder		
		Peeler module, cutter module		
		Label Peeler Module		
Approvals/Certification	ation	CCC,CE,CB,FCC		



Chapter 3 Usage & Installation

3.1 Media Loading

3.1.1 Opening the Print Cover

Press the left and right cover open lever with both hands simultaneously and lift the print cover.



3.1.2 Opening the Printer Mechanism

Press the left and right release latch with both hands simultaneously and lift the printer mechanism.





3.1.3 Roll and Ribbon Loading

Lift the top cover. According to the paper roll size, adjust the direction of paper roll shaft. Put the paper roll into the paper roll shaft. This printer can support two kinds of paper roll. There are instruction on the paper roll shaft.



Loading the Roll(accroding to inner diameter)

2) Load the roll assembly into the printer from top to bottom.





3) Release and lift the printer mechanism. Then pass the labels through label guides and adjust label guides

to label's width.



4. After putting the ribbon into spindle, insert the right part of supply module into supply wheel, and then

insert the left part into the groove below.





5. After putting empty ribbon core into spindle, insert the right part of rewind module into rewind wheel,

and then insert the left part into the groove above.



6. Pull up the ribbon and stick it to the empty ribbon core. Wind the core 2~3 circles until the ribbon is pulled

tightly.



7. Fix the mechanism and then close the cover.





3.1.4 External Paper Roll Loading

- 1) Assemble the external paper roll bracket group and connect it to the bottom of the printer.
- 2) Fix the paper roll on the bracket.
- 3) Feed the paper from the external roll paper entry slot into the printer.
- 4) Lift the printer mechanism. Pass the paper through paper guides and adjust paper guides according to the paper width.

5) Press down the printing group and fix it, then close the printer cover. (refer to the installation instructions for the built-in paper roll for specific instructions).



Note: When installing the side panel, the folded edge must face outward.





3.2 Power Connection

Connect the printer power supply as shown in the following figure.



- 1. Make sure the printer's power switch is in the off position.
- 2. Confirm whether the voltage of the AC adapter matches the voltage of the power supply.
- 3. Connect the AC adapter to power receptacle.
- 4. Connect the power cord to AC adapter.
- 5. 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 Interface Cable Connection

Connect the interface cable as shown in the following figure.





3.5 Operation Panel



1)Power LED and Status LED

Notify users of printer information through different indicator colors and status.

2)FEED Button

Pressing FEED button, printer will feed paper to the specified position according to the paper type. When using continuous paper, pressing FEED button once will feed a fixed distance. When using label paper, pressing FEED button once will feed a whole label paper.

Press the FEED button, while printing, and the current page will pause after printing; Pressing the FEED button again will continue printing.

Note: If the label paper cannot be positioned correctly, please follow the instructions in section 3.6.3 for quick calibration.

Power	Status	Description
Green	х	Ready
Green	Slowly flash red	Out of paper
Green	Red	The upper cover is not closed
Green	Fast flash red	Off label
Green	Fast flash red	Paper Jam, Abnormal label
		calibration
Green	Fast flash green	Data being received
Green	Slowly flash yellow	Pause of printing
Fast flash green	Fast flash red	Overheat of printhead
Green	Slowly flash yellow	Program upgrading
Green	Yellow	Out of ribbon

Description of indicator status:



3.6 Basic Operation

3.6.1 Power on/Power off

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

3.6.2 Feed

Pressing FEED button, printer will feed paper to the specified position according to the paper type. When

using continuous paper, pressing FEED button once will feed a fixed distance. When using label paper,

pressing FEED button once will feed a whole label paper.

3.6.3 Quick Calibration

Note: In the following two situations, users must carry out the calibration under the conditions below:

- 1 The first time to use the printer since installation.
- ② Change a new printing mode (switching the thermal and ribbon printing mode).

Calibration method:

1. Carry out the calibration manually:

Press and hold the FEED button in the ready state until the printer indicator flashes green twice before

releasing the button; The calibration is invalid in continuous paper mode

2. Complete the calibration through printer tool software (see "Chapter 6 Printer Utility Tool Instructions"

for details)

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



3.6.4 Printing Self-test Page

Users can print the self-test page in the following way, and the content of the self-test page can help

users check the status of the printer and confirm whether it is working properly.

Printing Manually

- 1) Make sure the roll is loaded properly. Then turn on the printer.
- 2) Make sure the printer is in the "off" position.

3) When the printer is ready, press and hold the FEED button, turn on the power, wait for the READY indicator to turn yellow and green, then release the FEED button, and the printer starts to print the self-test page.

Printing by Windows Driver Program

1) Install the Windows Driver program. Please refer to "Chapter 7 Windows Driver Instructions" for

more detailed information.

2) Please set the "Interface" as the type you use.

Use the Windows Driver Program to print out the "Self-test page".





Chapter 4 Interface

4.1 USB Interface



Figure 4-1

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

4.2 Ethernet Port



Figure 4-2

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



Chapter 5 Maintenance & Adjustment

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

※ CAUTION

1) Make sure to turn off the printer prior to cleaning.

2) As the print head gets hot during printing, if intending to clean the print head, turn the printer off and wait approximately 2~3 minute before commencement. If intending to clean the print head, turn the printer off and wait approximately 2~3 minute before commencement.

3) When cleaning the print head, take care not to touch the heated portion of the print head in case

that print head is susceptible to damage from static electricity, etc.

4) Take care not to allow the print head become scratched and/or damaged in any way.

5.1 Cleaning Thermal Print Head

1) Open the Printer Cover and then use the cleaning pen (or cotton swab with diluted alcohol or isopropanol) to clean the head in the direction from the center of the head to two sides.

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



5.2 Cleaning Sensor, Platen and Paper Path

- 1) 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.
- % Clean the parts whenever print quality or paper detection degraded.



Chapter 6 Printer Utility Tool Instructions

6.1 Installation Preparation

Download the printer utility application in the CD. For example, BOXP PrinterUtility VX.X.X.X.

6.2 Usage



- Under different operating system, the screen has slight difference. The following example is based on the Windows 10 operating system.
- It is recommended to close the relevant security protection software before installation to avoid affecting the installation of the application.
- 1. Open the printer utility tool and select the corresponding printer model.

Printer Utility V1.0.0.0							-		×
🌣 Aa 🛛			> CMD > _					Q	
Settings Fonts Sto	Common 1/2 Common	ION Test	Command Te	st Firm	ware	Built-In Fo	nts	system	
Printer: BP 4304e V USB V Ito Configure USB Pc Printer Information	Ribbon Mode: After Printed: After Power On:				~ ~ ~				
Version:	After TPH Close:				~				
V1.1.0	Protocol:		AUTO		~				
Serial Number:	Paper Type:				~				
Cutting Counter:	Sensor Select: Buzzer Volume:				~ ~				
47	Maximum Length	:			mm				
Mileage:	Tear Off:				-120	0 ~ +120 dots			
270.20 m	Print Speed:				 ✓ ips 				
Get Printer Information	Density:				0 to	30			
Printer Status	Reprint When Err	or:			~				
					C	urrent read	Curre	nt settings	
	Set	Get	Load	Save					
Get Status									



2.Click "Parameter Settings".

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

Aaa Image: Control Serial Number: Villo Serial Number: Villo Protecci: After Printed: After Printed:<	Printer Utility V1.0.0.0						\times
Interface Common 1/2 Common 2/2 ZPL Bluetooth Ethernet Wi-Fi Other settings USB to Configure USB PE Ribbon Mode: USB to Configure USB PE After Printed: After Power On: LPT After Printed: Serial Number: X000X Paper Type: Sensor Select: Buzzer Volume: Mileage: -120 ~ +120 dots 270.20 m print Speed: Printer Status 0 to 30 Pernet Withe Error: Current read Set Get Load Save	Settings Fonts Stu	orage Function Test	> CMD >_ Command Test Fi	rmware B	uilt-in Fonts	System	
Printer: BP 4304e USB to Configure USB PC USB After Printed: USB After Power On: LPT After Power On: LPT After TPH Close: V1.1.0 Protocol: Serial Number: Paper Type: XXXXXX Paper Type: Sensor Select: Image: 270.20 m Get Printer Information Print Speed: Printer Status Image: Printer Status Image: Set Get	Interface	Common 1/2 Common 2/2 ZPI	L Bluetooth Ethernet Wi-Fi	Other settings			
USB to Configure USB Pe ISB After Printed: USB Trantion UPT After Power On: After TPH Close: ~ Protocol: AUTO Serial Number: Paper Type: NOCOX Paper Type: Sensor Select: ~ Buzzer Volume: ~ Buzzer Volume: ~ Printer Information Print Speed: Printer Status	Printer: BP 4304e V	Ribbon Mode:		~			
ISB COM LPT ETH V1.1.0 Serial Number: VXXX Paper Type: XXXX Paper Type: Sensor Select: Buzzer Volume: 47 Mileage: 270.20 m Get Printer Information Prints Status Printer Status Set Get Load Save	USB 🗸 Ito Configure USB Pc	After Printed:		~			
LPT After TPH Close: ETH Protocol: Autro Paper Type: XXXXX Paper Type: Sensor Select: Buzzer Volume: Mileage: 270.20 m Get Printer Information Printer Status Printer Status Set Get Load Save	USB COM semation	After Power On:	-				
VI. 1.0 After IPH Close: Serial Number: Protocol: XXXXXX Paper Type: XXXXXX Sensor Select: Buzzer Volume: Image: 47 Maximum Length: Mileage: -120 ~ +120 dots 270.20 m Get Printer Information Print Speed: Density: 0 to 30 Reprint When Error: Image: Set Get Load Save	LPT	After TOUCH on the		-			
Serial Number: XXXXXX Paper Type: Sensor Select: Buzzer Volume: 47 Mileage: 270.20 m Get Printer Information Print Speed: Density: Current read Current settings	V1.1.0	After IPH Close:		~			
VXXXXX Paper Type: Image: 47 Buzzer Volume: Image: 47 Maximum Length: Image: 270.20 m Tear Off: -120 ~ +120 dots Print Speed: Image: Image: Image: Printer Status Density: Image: Image: Set Get Load Save	Serial Number:	Protocol:	AUTO	~			
Cutting Counter: Sensor Select: Image: 47 Buzzer Volume: Image: 270.20 m Tear Off: -120 ~ +120 dots 270.20 m Image: -120 ~ +120 dots 270.20 m Image: Image: 270.20 m Image: Image: Printer Information Print Speed: Image: Image: Printer Status Image: Image: Image: Image: Set Get Load Save Current settings	XXXXXX	Paper Type:		~			
Cutting Counter: Buzzer Volume: mm 47 Maximum Length: mm Mileage: -120 ~ +120 dots 270,20 m -120 ~ +120 dots Print Speed: ips Density: 0 to 30 Reprint When Error: Current read Set Get Load Save Save		Sensor Select:		~			
47 Maximum Length: mm Mileage: 270.20 m Get Printer Information Print Speed: -120 ~ +120 dots Printer Status 0 to 30 Reprint When Error: Current read Set Get Load Save Save	Cutting Counter:	Buzzer Volume:		~			
Mileage:	47	Maximum Length:		mm			
270.20 m Get Printer Information Print Speed: Printer Status 0 to 30 Reprint When Error: Current read Set Get Load Save	Mileage:	Tear Off:		-120 ~	+120 dots		
Get Printer Information Density: 0 to 30 Printer Status Current read Current settings Set Get Load	270.20 m	Print Speed		ins			
Printer Status Printer Status Set Get Load Save	Get Printer Information	Densibu					
Printer Status Printer Status Reprint When Error: Current read Current settings Set Get Load Save		Density:		0 to 30			
Set Get Load Save	Printer Status	Reprint When Error:		~			
Set Get Load Save				Curr	ent read	Current settings	
		Set Get	Load Save				
Get Status	Get Status						

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

Printer Utility V1.0.0.0			- 🗆 ×
Settings Fonts		> CMD >_	Built in Fonts
Interface	Common 1/2 Common 2/2 ZPL	Bluetooth Ethernet Wi-Fi Other set	ttings
Printer: BP 4304e V USB v Ito Configure USB Pc	Ribbon Mode: After Printed:	~	
Printer Information	After Power On:	~	
Version:	After TPH Close:	~	
V1.1.0 Serial Number:	Protocol:	AUTO ~	
XXXXXX	Paper Type:	~	
	Sensor Select:	~	
Cutting Counter:	Buzzer Volume:	~	
47	Maximum Length:		mm
Mileage:	Tear Off:		-120 ~ +120 dots
270.20 m	Print Speed:	~	ips
Get Printer Information	Density:		0 to 30
Printer Status	Reprint When Error:	~	
			Current read Current settings
	Set Get	Load Save	
Get Status			



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

Printer Utility V1.0.0.0			– 🗆 X
Settings Fonts Str	Function Test	> CMD >_ Command Test Firmware	Built-in Fonts System
Interface	Common 1/2 Common 2/2 ZPL	Bluetooth Ethernet Wi-Fi Other se	ttings
Printer: BP 4304e V	Ribbon Mode:	~	
USB 🗸 Ito Configure USB Pc	After Printed:	~	
Printer Information	After Power On:	~	
Version:	After TPH Close:		
V1.1.0	Dratarali		
Serial Number:		AUTO ~	
XXXXX	Paper Type:	~	
	Sensor Select:	~	
Cutting Counter:	Buzzer Volume:	~	
47	Maximum Length:		mm
Mileage:	Tear Off:		-120 ~ +120 dots
270.20 m	Print Speed:	~	ips
Get Printer Information	Density:		0 to 30
	Reprint When Error:		0.0050
Printer Status			Current and Current estimat
ivo paper!			Current settings
	Set Get	Load Save	
Get Status			
	2		

(4) Select "Settings" and then click "Get" to obtain the basic settings information of the current printer. You can change the paper type, protocol, print speed, and density.

Printer Utility V1.0.0.0			– 🗆 X
Settings Fonts Sto	rage Function Test C	> CMD >_ ommand Test Firmware	Built-in Fonts System
Interface	Common 1/2 Common 2/2 ZPL	Bluetooth Ethernet Wi-Fi Other s	ettings
Printer: BP 4304e V	Ribbon Mode:	ON Y	
USB 🗸 ito Configure USB Pc	After Printed:	Tear off	
Printer Information	After Power On:	None	
Version:	After TPH Close	None	
V1.1.0	Arter IPI Gose.	None	
Serial Number:	Protocol:	ZPL	
XXXXX	Paper Type:	Continous V	
	Sensor Select:	Reflective ~	
Cutting Counter:	Buzzer Volume:	Disable 🗸 🗸	
47	Maximum Length:	400	mm
Mileage:	Tear Off:		-120 ~ +120 dots
270.20 m	Duint Counds	0 	
	Print Speed:	6 ×	φs
Get Printer Information	Density:	30	0 to 30
Printer Status	Reprint When Error:	ON ×	
No paper!			Current read Current settings
	Set Get	Load Save	
Get Status			



(5) Click "Ethernet" to read Ethernet information or set Ethernet.

Printer Utility V1.0.0.0					– 🗆 X
🌣 Aa 🛛	Î II	> CMI > _			
Settings Fonts Sto	Common 1/2 Common 2/2 7	Command Rhistorth El	Hernet Wiss	nware Built-In Fo	onts System
Printer: BP 4304e V	DHCP:	ON	×		
USB 🗸 Ito Configure USB Po	IP Address:	0 :0	:0:0		
Printer Information	Subnet Mask:	0 : 0	:0 :0		
Version:	Default Gateway:	0:0	:0:0		
VI.I.U	Mac address:	80 : 35	: 13 : 83	: 30 : 20	
XXXXXX					
Cutting Counter: 47					
Mileage:					
270,20 m					
Get Printer Information					
Printer Status					
No paper!				Current read	Current settings
	Set Get	Load	Save		
Get Status					

(6) Click "Wi-Fi" to set the wireless SSID and password, etc.

💮 Printer Utility V1.0.0.0		- 🗆 🗙
Sotting Fonts Sta		Command Test Eirmware Built in Eents System
Interface	Common 1/2 Common 2/2 ZPL	Bluetooth Ethernet Wi-Fi Other settings
Printer: BP 4304e V	SSID:	RP 4304el
USB 🗸 ito Configure USB Pc	Password:	12345678
Printer Information	Work Mode:	AP 🗸
Version:	DHCP	ON Y
V1.1.0	TD Addresse	
Serial Number;	IP Address;	
XXXXX	Subnet Mask:	
	Default Gateway:	192 : 168 : 1 : 1
Cutting Counter:	Mac address:	
47		
Mileage:		
270.20 m		
Get Printer Information		
Printer Status		
No paper!		Current read Current settings
	Set Get	Load Save
Get Status		



Note: ① Finishing all the settings, user can click "Set" to save the values changed.

(2) Click "Get", and the tool gets information about the current settings of the printer.

Printer Utility V1.0.0.0		- 🗆 X
🌣 Aa 🛛		> CMD >_
Settings Fonts Sto	brage Function Test	Command Test Firmware Built-in Fonts System
Printer: BP 4304e V		Duetoon Einemet with Other setungs
USB v Ito Configure USB Pc	SSID:	DP 4304e
	Password:	12345678
Printer Information	Work Mode:	AP \checkmark
Version:	DHCP:	ON 👻
V1.1.0	IP Address:	192 : 168 : 1 : 1
Serial Number:		
^^^^	Subnet Mask:	
	Default Gateway:	
Cutting Counter:	Mac address:	
47		
Mileage:		
270.20 m		
Get Printer Information		
Printer Status		
No paper!	1 2	Current read Current settings
	Set Get	Load Save
Get Status		

3.Click "Fonts".

(1) Click "Select Font" icon to select the desired vector font.

Printer Utility V1.0.0.0							×
Settings Fonts Sta	Drage Fu	inction Test	> CMD >_ Command Test	Firmware	Built-in Fonts	System	
Interface Printer: BP 4304e ~ USB ~ ito Configure USB Pc	Storage: FLASH	Select Font:				Downloa	ad be
Printer Information Version:	Free space:	100,513,792B;Uses	space 16, 795, 648B.				
V1.1.0	Storage	Fonts File Name		Input test tex	kt:(Length<256)		
Serial Number:							
XXXXX							
Cutting Counter: 47							
Mileage:							
270.20 m	-						
Get Printer Information							
Printer Status							
No paper!		Dele	te	Code Page:	Double-byte Asia	an encoding	~
		Delete Al	Fonts		Print T	ext	
Get Status		Check	Font				



(2) Click "Download" (note: font file names must be in English or numbers).

Storage:	Select Font:		
FLASH	C:\Users\test\Desktop\CALIBRI.TTF		Download
Free space:	100,376,576B;Uses space16,932,864B.		
	Message	×	
	j Downloz	d success	
	[ОК	

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

Printer Utility V1.0.0.0		- 🗆 X
Settings Fonts Std	Drage Function Test Command Test	Firmware Built-in Fonts System
Interface Printer: BP 4304e V USB V uto Configure USB PC	Storage: Select Font: FLASH V C:\Users\test\Desktop\CALIBRI.TTF	Download
Printer Information Version:	Free space: 100,489,2168;Uses space 16,820,2248.	
V1.1.0	Storage Fonts File Name	Input test text:(Length<256)
Serial Number:	FLASH CALIBRI.TTF	abcd123
XXXXX	FLASH INKFRE0.TTF	
Cutting Counter: 47		
Mileage:		
270.20 m		
Get Printer Information		
Printer Status		
No paper!	Delete	Code Page: Double-byte Asian encoding V
	Delete All Fonts	Print Text
Get Status	Check Font	



4. Click "Storage", this setting is used to print graphics/label form/auto label form. Taking printing graphics as

an example, the same applies to other settings (the file name can only be English or numeric).

Printer Utility V1.0.0.0			- 🗆 🗙
Settings Fonts St	orage Function Test	> CMD >_ Command Test Firmware	Built-in Fonts System
Interface Printer: BP 4304e V USB V Ito Configure USB Pc Printer Information Version:	Download File File Type: Graphics File Name:	Magnification: 1.0	Download
V1.1.0	Graphics	Label Form	Auto Label Form
Serial Number:			
Cutting Counter: 47			
Mileage: 270.20 m			
Get Printer Information			
Printer Status	List All Graphics	List All Forms	List Auto Form
No paper!	Print Selected Graphic	Print Selected Form	Print Auto Form
	Delete Selected Graphic	Delete Selected Form	Delete Auto Form
Get Status	Delete All Graphics	Delete All Forms	Enable Auto Form

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

	and the second se				
ile Type:	Graphics	\sim	Magnification:	1.0 ~	
	Locate and an and a second			Longer and an and a second sec	 -
					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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

(2) Click "Download".

Download Fi File Type:	le Graphics	~	Magnification: 1.0	~	
File Name:					 Download
			Message	×	
			Download	success	
				ОК	



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

-ile i vpe: Graphics	Magnification: 1.0	
ile Name: C: \Users\test\Desktop)\1.png	Download
ree space:98,701,312B;Uses sp	ace 18,608, 128B.	
Traphics	Label Form	Auto Label Form
1.bmp		
List All Graphics	List All Forms	List Auto Form
List All Graphics Print Selected Graphic	List All Forms Print Selected Form	List Auto Form Print Auto Form
List All Graphics Print Selected Graphic Delete Selected Graphic	List All Forms Print Selected Form Delete Selected Form	List Auto Form Print Auto Form Delete Auto Form

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

File Type: Graphics	✓ Magnification: 1.0 ✓	
File Name: C:\Users\test\Deskt	op\1.png 1.0 1.5	Download
	2.0 2.5	
Free space:98,701,312B;Uses s	space 18,608, 128B.	r.
Graphics	Label Form	Auto Label Form
1.bmp		
List All Graphics	List All Forms	List Auto Form
List All Graphics Print Selected Graphic	List All Forms Print Selected Form	List Auto Form Print Auto Form
List All Graphics Print Selected Graphic Delete Selected Graphic	List All Forms Print Selected Form Delete Selected Form	List Auto Form Print Auto Form Delete Auto Form



4.Click "Function Test", users can print configuration page, cutter cut testing, restore factory settings and

other functions.

Printer Utility V1.0.0.0				- 0	×
Settings Fonts Stora	age Function Test	> CMD >_ Command Test Firmware	Built-in Fonts	System	
Interface Printer: BP 4304e ~ USB ~ Ito Configure USB Pd	Media Sensor Calibration	Restore Factory Default			
Printer Information Version:	Configuration Page	Media Sense Waveform Printing			
V1.1.0					
Serial Number:	Pattern Print Testing	Advance Media Sensor Calibration			
Cutting Counter:	Cutter Cut Testing	Buzzer Function Testing			
47	1				
Mileage:					
270.20 m					
Get Printer Information					
Printer Status					
No paper!					
Get Status					
1					

4. Click "System" and click language to set the language of the tool.

Printer Utility V1.0.0.0						- 0	×
Settings Fonts Std	Drage Fu	nction Test	> CMD > _	Firmware	Built-in Fonts	System	
Interface						-)	
Printer: BP 4304e V	Language		11				
USB 🗸 Ito Configure USB Pc	English		~				
Printer Information Version:							
V1.1.0							
Serial Number:							
XXXXX							
Cutting Counter:			Þ			rm	
Mileage:							
270.20 m							
Get Printer Information					,		
Printer Status							
No paper!							
Get Status							



Chapter 7 Seagull Windows Driver Instructions

7.1 Introduction

The following operating systems are supported for usage.

• Windows 7, Windows 8, Windows 10, and Windows 11iot

7.2 Windows Driver Preparation

Download Seagull Windows Driver application.



7.3 Driver Installation



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

Windows Printer Drivers

License Agreement



х

Please read the following license agreement carefully.

END USER	LICENSE AGR	EEMENT	^
BY SEAG	JLL SOFTWAR	E, LLC	
THIS END USER LIC BETWEEN SEAGULL US" OR "OUR") AND THE SOFTWARE PRO AS AN END USER ("Y	ENSE AGREEMENT (SOFTWARE, LLC ("SE CUSTOMER TO DOV DUCT (AS DEFINED DU").	"AGREEMENT AGULL" OR " VNLOAD AND BELOW) FOR	") IS WE", USE USE
I accept the terms in the lice	se agreement		



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

Installation	Directory 🗖	BarTende
Select the directory w	where the driver should be unpacked.	
The software will be un either type in the new	npacked to the directory listed below. To unp path or click Browse to select a different direc	back to a different directory ctory.
nstallation Directory:	C:\Seagull\BOXP\2025.1 M-0	Browse
	Space required on drive:	117.1 MB
	Space available on selected drive:	1.8 GB

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

Windows Printer Drivers



Installation Information



Follow the instructions below to install the software.

Options					
Run Driver Wi	zard after unpac	cking drivers			
Read installati	on instructions (contained in 'In	stallation_lr	structions.html)



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

Seagull Driver Wizard		×
	Welcome to the Seagull Driver Wizard This wizard helps you install and remove printer drivers.	
	What would you like to do? Install printer drivers Remove printer drivers	
	Please save all work and close all applications before proceeding. This process may require Windows to be restarted.	
	< Back Next > Cance	4

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".

ted for in	tically detected for	stallation.	
	6		
	Bert		
2	USB002		
Back	< Back		Next >



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

Specify Printer	Name	1
Names are us	sed to identify the printer on this computer and on the network.	C
Enter a name for	this printer.	
Printer name:	BOXP BP 4304e (300 dpi) - DPL	
Use this printe	er as the default printer	
	· · · · · · · · · · · · · · · · · · ·	
Specify whether o sharing, you must	or not you want to share this printer with other network users. When t provide a share name.	
Specify whether of sharing, you must Do not share t	or not you want to share this printer with other network users. When t provide a share name. this printer	
Specify whether or sharing, you must Do not share t Share name:	or not you want to share this printer with other network users. When t provide a share name. this printer BOXP_BP_4304e_(300_dpi)DPL	
Specify whether of sharing, you must Do not share t Share name:	or not you want to share this printer with other network users. When t provide a share name. this printer BOXP_BP_4304e_(300_dpi)DPL	
Specify whether of sharing, you must Do not share t Share name:	or not you want to share this printer with other network users. When t provide a share name. this printer BOXP_BP_4304e_(300_dpi)DPL	
Specify whether of sharing, you must Do not share t Share name:	or not you want to share this printer with other network users. When t provide a share name. this printer BOXP_BP_4304e_(300_dpi)DPL	

10. Click "Finish".





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



12. After installation, the icon will be found in "Start" \rightarrow "Settings" \rightarrow "Devices" \rightarrow "Devices and printers".



Note:

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



7.4 Usage

7.4.1 Printing Preferences

1. Click "Start"→"Settings"->"Devices"->"Devices and printers". Right click icon and choose "Printing preferences".

	See what's printing
~	Set as default printer
	Printing preferences
	Printer properties
	Create shortcut
•	Remove device
	Troubleshoot
	Properties

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

Stock				
Name:	USER (2.00 in x 2.0	00 in)		~
	New	Edit		Delete
Preview	Orientation	n	Effec	ts
	Portrai C Lands O Portrai O Lands O Lands O Lands	t cape t 180° cape <mark>1</mark> 80°		liiror Image legative
Preset				
Name:	<default settings=""></default>		~	Manage
			Advance	ed Options



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

age Setup	Graphics	Stock	Options	About		
Stock						
Name:	USER (2.	00 in x 2.	.00 in)			~
	USER (2.	00 in x 2.	00 in)			
	2 x 4 (2.00 4 x 4 (4.00) in x 4.0) in x 4.0	0 in) 0 in)			
Preview	4 x 6 (4.00) in x 6.0	0 in)			
	_	Portra	iit			Airror Image
ALE) Lands	scape			legative
10101101		O Portra	it 180°			
L 🕇		O Lands	scape 180°			
Preset						
Name:	<default \$<="" td=""><td>Settings></td><td>•</td><td>1</td><td>~</td><td>Manage</td></default>	Settings>	•	1	~	Manage
	10				100	
				Ad	vance	ed Options
© 202	5 SEAGUL	L SOFTV	VARE, LLC	ALL R	GHT	S RESERVED.
	Autho	rs of the	BarTender	Iabel s	oftwa	ire.
	<u> </u>	- 1 C -		1.0		

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

Stock				Preview		
Name:	New Stock					
Type:	Die-Cut Labels		~	E E	 	
Label Siz	e					
Width:	2.00 in	Height:	2.00 in	ac		
Exposed	Liner Widths					
Left:	0.05 in	Right:	0.05 in			



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

				Preview	
Name:	New Stock				
Type:	Die-Cut Label:	S	~		
abel Si	ze				
Width:	2.00 in	Height:	2.00 in		
Exposed	Liner Widths				
.eft:	0.05 in	Right:	0.05 in		

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

New Stock (2.00 in x 2.00 in)

Are you sure you wish to delete this stock?

|--|--|



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



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

dine.	New Stock (2.00 III X	2.00 m		
	New	Edit		Delete
Preview	Orientation		Effec	cts
	Portrait			Airror Image
ALE	O Landsca	pe		legative
	O Portrait 1	O Portrait 180°		
-	O Landsca	pe 180°		
Preset				
Name:	<current settings=""></current>		~	Manage
	<current settings=""></current>			
	<default settings=""></default>		Aduption	nd Ontiona
			Havance	options
-				



• Click "Manage", and change the settings.

Preset List	Preset Information		
Current Settings>	Name: <current settings=""></current>		
Default Settings>	Description:		
	This preset contains this driver's current settings.	-	
		~	

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

-			
Resolution:	300 dpi x 300 dpi		3
Dithering			
) None	
-22	🔶 C) Halftone	
h) Ordered	
) Algebraic	
) Error Diffusion	
) Error Diffusion) Device Dithering	
Color A	djustment) Error Diffusion) Device Dithering Dithering Setup	
Color A	djustment) Error Diffusion) Device Dithering Dithering Setup	
Color A Color Color Control:	djustment) Error Diffusion) Device Dithering Dithering Setup	~
Color A Color Color Color Color Color Control: Color Matching	djustment) Error Diffusion) Device Dithering Dithering Setup	×



abel Sensor:	Label Gap	~		
Print Method:	Thermal Tra	n <mark>s</mark> fer ∨		
Gap Height:	0.12 in			
Media Handling				
^o ost-Print Action:	None		\sim	
Occurrence:	(
nterval:	1 🌲			
op Offset:	0.00 in	Stop Offset:	0.00 in]
rint Options				
Double Buffer				

• Set up the print method.

Label Gap)	~		
		12		
Themal T	ransfer	\sim		
Use Currer Direct The Thermal Ti	nt Settings Imal ransfer			
n: None		2	~	
<u>(</u>		0		
1				
0.00 in	Stop	Offset:	.00 in	
er				
f	Inermal I Use Curren Direct The Thermal T 9 0n: None 1 (0.00 in	Inermai Transfer Use Current Settings Direct Thermal Thermal Transfer g on: None 1 1 0.00 in Stop	Use Current Settings Direct Thermal Thermal Transfer g on: None 1 0.00 in Stop Offset: 0 fer	Inermal Transfer Use Current Settings Direct Thermal Thermal Transfer g on: None 1 1 0.00 in Stop Offset: 0.00 in



• Set up the label sensor.

Media Sett	tings					
Label Sen:	sor:	abel Gap	,	~		
Print Meth	od: [Jse Curre)isabled	nt Settings			
Gap Hei <mark>g</mark> h	t: L	abel Gap abel Mar) k			
Media Har	ndling				g2)	
Post-Print	Action: 1	None			~	
Occurrenc	e:				\sim	
Interval:	1					
Top Offset	:).00 in	Sto	p Offset:	0.00 in	
Print Optio	ns					
Double	Buffer					

• Choose the method of media handing.

Media Settings	Label Gap 🗸 🗸	
Print Method:	Thermal Transfer V	
Gap Height:	0.12 in	
Media Handling		
Post-Print Action:	None	~
Occurrence: Interval:	None Tear Off Pause Cut	
Top Offset:	Cut and Pause Peel Off	Din
Print Options		
Double Buffer		



7.4.2 Printer Properties

1. Click "Start"→"Settings"->"Devices"->"Devices and printers". Right click icon and choose "Printing properties".



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

Fonts			Tools	Abou	About		
General	Sharing	Ports	Advanced	Color Management	Security		
	In our						
20	BOXP	BP 4304e (300 dpi) - DPL				
Location:							
Comment:							
Model:	BOXP	BP 4304e (300 dpi) - DPL				
Features							
	0		Paper a	available:			
Color: No	ided: No				~		
Color: No Double-s							
Color: No Double-s Staple: N	0						
Color: No Double-s Staple: N Speed: U	o nknown						
Color: No Double-s Staple: N Speed: U Maximur	o nknown n resolutio	on: 300 dpi			~		
Color: No Double-s Staple: N Speed: U Maximur	o nknown n resolutic	on: 300 dpi			~		
Color: No Double-s Staple: N Speed: U Maximur	o nknown n resolutic	on: 300 dpi	Preferences	Print Test	v Page		



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

To BOXP BP 4304e (300 dpi) - DPL Properties × Tools About Fonts General Sharing Ports Advanced Color Management Security BOXP BP 4304e (300 dpi) - DPL 50 Print to the following port(s). Documents will print to the first free checked port. Port ٨ Description Printer ✓ LPT1: BOXP BP 4304e (300 dpi) - DPL Printer Port LPT2: **Printer Port** LPT3: Printer Port COM1: Serial Port COM2: Serial Port COM3: Serial Port COM4: Serial Port Add Port... **Delete Port** Configure Port... Enable bidirectional support Enable printer pooling OK Help Cancel Apply



Chapter 8 BarTender Ultralite Instructions

8.1 Introduction

The following operating systems are supported for usage:

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

8.2 Installation Preparation

Download BarTender Ultralite application.



8.3 Installation



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



Х

BarTender, 2022 By Seagull Scientific						
Welcome to BarTender 2022 R8						
Select the options that you want, and then click Install to get started with the most trusted software for labels, barcodes and more.						
✓ I accept the terms of the <u>License Agreement</u>						
Specify advanced installation options						

< Back

Install

Cancel



This may take several minutes.

		BY SEAGU	LL SCIENTIFIC			-
Instal	ling BarTende	er				
Please wa	it while the Setup Wi	izard installs BarTe	nder. This may tak	e several min	utes.	
Status:	Copying new files	s				

3. Click "Finish".

BarTender Setup

 \times

Installation Complete

Congratulations, you have successfully installed BarTender.		
The next step is to activate your license.		
When you click Finish, the BarTender Licensing wizard will automatically start.		
	< Back	Finish
	- DOCK	



4. Activate new license or find an existing license and click "Next".

BarTender Licensing Wiza	rd			×
No licenses were found o	cense or Find an Existing n your network.	J License		
	To activate a new license, enter your pro 	oduct key code (PKC):		
	Activation FAQ	< Back Next	Cancel	Help
Select BarTender licensing	server and click "Next".			

5.

BarTender Licensing Wizard

×

Select BarTender Licensing Server

The selected server will manage the activated license.

DESKT	ОР-К <u></u> , ~	Refresh
Specify	a Licensing Server	
Server:		
	Example: MyServerName or 192.168.1.101	
ort:	5160 ‡	Check.



6. After successfully activate BarTender, register your BarTender license or skip.

BarTender Licensing Wizard

Activation Successful

X

have successfully activated your copy of the BarTender Suite UltraLite edition.		
	< Back	Next
BarTender Licensing Wizard		
Register Your BarTender License		
Register Your BarTender License		
Register Your BarTender License Register your new software to take full advantage of the benefits of BarTender:		
Register Your BarTender License Register your new software to take full advantage of the benefits of BarTender: Obtain technical support (FREE)		
Register Your BarTender License Register your new software to take full advantage of the benefits of BarTender: Obtain technical support (FREE) Receive notifications of new security and performance updates/patches		
Register Your BarTender License Register your new software to take full advantage of the benefits of BarTender: • Obtain technical support (FREE) • Receive notifications of new security and performance updates/patches • More easily recover and reinstall your software in the event of any system failures		
Register Your BarTender License Register your new software to take full advantage of the benefits of BarTender: Obtain technical support (FREE) Receive notifications of new security and performance updates/patches More easily recover and reinstall your software in the event of any system failures Access a record of your ownership of this software license		
Register Your BarTender License Register your new software to take full advantage of the benefits of BarTender: • Obtain technical support (FREE) • Receive notifications of new security and performance updates/patches • More easily recover and reinstall your software in the event of any system failures • Access a record of your ownership of this software license		
Register Your BarTender License Register your new software to take full advantage of the benefits of BarTender: • Obtain technical support (FREE) • Receive notifications of new security and performance updates/patches • More easily recover and reinstall your software in the event of any system failures • Access a record of your ownership of this software license		
Register Your BarTender License Register your new software to take full advantage of the benefits of BarTender: • Obtain technical support (FREE) • Receive notifications of new security and performance updates/patches • More easily recover and reinstall your software in the event of any system failures • Access a record of your ownership of this software license		
Register Your BarTender License Register your new software to take full advantage of the benefits of BarTender: • Obtain technical support (FREE) • Receive notifications of new security and performance updates/patches • More easily recover and reinstall your software in the event of any system failures • Access a record of your ownership of this software license		
Register Your BarTender License Register your new software to take full advantage of the benefits of BarTender: • Obtain technical support (FREE) • Receive notifications of new security and performance updates/patches • More easily recover and reinstall your software in the event of any system failures • Access a record of your ownership of this software license		
Register Your BarTender License Register your new software to take full advantage of the benefits of BarTender: • Obtain technical support (FREE) • Receive notifications of new security and performance updates/patches • More easily recover and reinstall your software in the event of any system failures • Access a record of your ownership of this software license		



8.4 Usage

After the software is installed, you can edit the label.

8.4.1 Page Settings

1. Run the BarTender software, click "Start a new BarTender document".

BarTender Designer for BOXP		- 🗆	\times
File View Administer Tools Help			
	「つ C 」 k ダ I III・A・\ 全・ S - 日 - 日 - 日 - 」 R の の 座	晋 単	Ŧ
	$ \mathbf{B} \ \mathbf{I} \ \underline{\mathbf{U}} \ \mathbf{S} \ \mathbf{x}_2 \ \mathbf{x}^2 \ \ \underline{\mathbf{A}} \ \mathbf{w}^2 \ \mathbf{w} - \mathbf{E} \ \mathbf$	-	* IIII "
	BarTender X		
	webenet 5970018490000		+⊡ →0
			100 11
			<u>100</u> +0+
	What would you like to do?		+++
	T Start a new BarTender dog ment		
			重
	Open an existing BarTender document		<u>M</u> •
	Open a recently used BarTender document:		重
			0++0
	Documenti		
			50°
			180*
			10 10
	Don't show this dialog again		2
			D.



2. Choose "Blank Template", then click "Next".



3. Specify the printer to use.

New Document Wizard			
rinter Selection Specify the printer to use with this document.			
rinter:			
BOXP BP 4304e (300 dpi) - ZPL	Document Properties		
Fax Fax Microsoft Print to PDF	Printer Properties		
Diference for windows 10 PDF			
	< Back Next > Finish Cance		



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



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

rows of items per page ".)

New Docum	nent W	izard									×
Items Per Pag Specify wheth	e her the r	nedia conta	ins one or	more iten	ns.			9700 A)1 7-11		
Most media has Some media, ho	only a s wever,	single item (are more co	label, card omplex and	i, tag, etc d have mu	.) per pag Iltiple item	e of sto s on a p	ock. Dage.				
Single item	per pa	ge									
O Multiple co	lumns a	nd/or rows	of items pe	er page							
Rows:	1	*									
Columns:	1	-									
							< Back	Next >		Finish	Cancel



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

🕒 New D	ocument V	Vizard	×
Side Edge Specify	es the characte	ristics of the sides of your media.	
Does your the edge o	stock have of the item a	a small amount of unused material between nd the edge of the page?	
● Yes, ○ No, i Width of U Left: Right:	it does have t does not Jnused Area 0.05 0.05	some unused material on the sides	
			Template Size: 4 x 3.3 in
			< Back Next > Finish Cancel

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

New Document Wizard	×
Printed Item Shape Specify the shape of your items.	
 Rectangle Rounded rectangle Ellipse Circle 	



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

New Docun Template Size Specify the siz	nent Wizard ze of your item.				
Template Size:	User Defined Size 🗸				
Width:	4.0 in	Height:	3.3	in	
Orientation — Orientation — Orotrait Landscape Orotrait 18 Landscape Effects — Mirror ima	e 30 e 180 ge	Negativ	123 1000		
					Template Size: 4 x 3.3 in
					< Back Next > Finish Cancel

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





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

New Document W	lizard	
Finished!		
When you press Finish, created using the settir	, a new BarTender document will be ngs that you specified.	
Starting Document: Printer: Template Size:	Blank BOXP BP 4304e (300 dpi) - ZPL 4 x 3.3 in	
		Template Size: 4 x 3.3 in

8.4.2 Label Edit

- 1. Click the icon of code
- 2. Choose the code, then click "Select".





3. Click the blank, showing the code.



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

	Symbology:	Code 93			~
Barcode 1	Dimensions				
Symbology and Size	X dimension:	13.33 mils 🚔 🊰	Ratio:	Auto	~
	Density:	8.333 chars/in	Height:	0.5	in
Auto Fit Auto Fit Position Control Handling Data Sources 12345678	Symbology Sp	ecific Options			

After completing the settings, click "Close".



- 5. Click the icon of character **A**, then enter the text.
- 6. Left click on the blank page, enter the desired text, and set the text format in the status bar.



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

image.

8. Adjust the image size through borders.





9. Move the object and typeset the edited label.



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

Name:	Default (cu	irrently BOXP BP 430	ntly BOXP BP 4304e (300 dpi) - ZPL) 🛛 🗸 🎽				
Status: Driver:	Ready BOXP BP 43	Ready BOXP BP 4304e (300 dpi) - ZPL			Document Properties		
Port:	ort: USB001		Pri	Printer Properties			
Location: Comment:			Prin	Print on both sides			
			Print to file				
Quantit Copies:	y Options	1			-		
Use (database	D	atabase Conne	ction Setup			

