XP-T261B Product Spec

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V1.0/draft	HeXinXiang	Danny		

Contents

Directory

1 Document introduction

This document describes the specifications of the product and the corresponding supporting instructions.

1.1 Purpose of the documentq

The narrative description used to standardize the product itself and product matching plays a guiding role in the packaging, publicity and sale of the product.

1.2 Document scope

This document is applicable to the product department, marketing department, pre-sales and after-sales support, testing department, business department.

1.2 Readers

The above department members and agents and customer groups.

1.3 Use information

If the use of this manual information and suffer losses, we do not bear any responsibility. Our company and its branches shall not be liable for the damage, loss, cost or expenditure caused by the user or third party 's modification, maintenance or modification of the product without authorization.

Note : Due to the continuous improvement of the product, the specifications and accessories described in the document should be based on the real machine. If there is a change, no notice is required.

2 Product introduction

Product Name : Hot Transfer Printing Barcode Printer

Product Model : XP-T261B

Derived Model : 4B-2082TA Product Features :

- 8 inches / second high-speed printing (speed has a certain influence on the printing effect)
- Support IAP online upgrade
- Supports printing concentration adjustment
- Paper warehouse design
- Thermosensitive / thermal transfer dual-mode printing
- Seagull printing drive

3 Product usage

It is widely used in printing scenes such as product labels, clothing tags, etc., and can also be used in catering, retail and other fields.
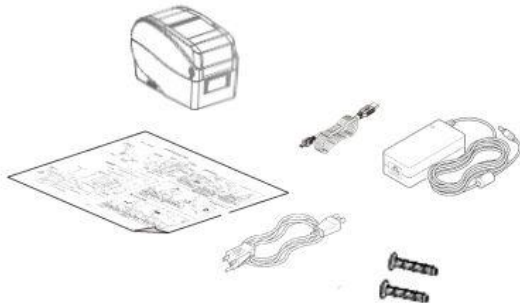
4 Products Showcase

4.1 Outer box packaging

Large outer box size	Packing number	packaging material	Filling material
585X345X455mm (l×w×h)	6	K=A Reinforcement	Bubble bag

4.2 Inner box packaging

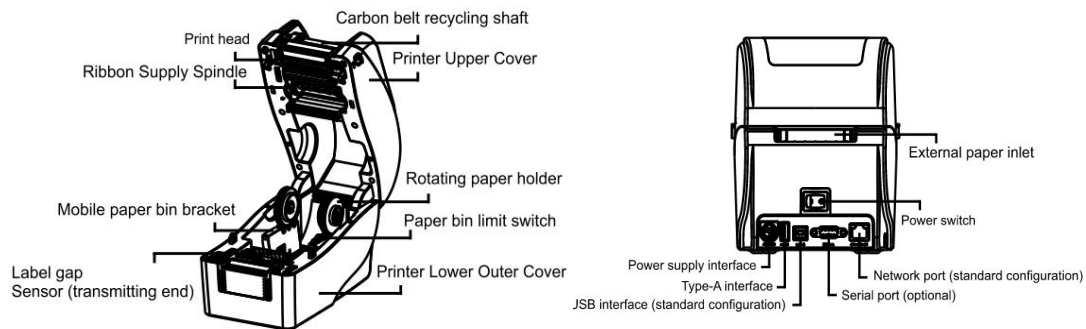| Single box size	Weight	packaging material	Filling material
325X185X212mm((l×w×h)	3.95kg	K=A Reinforcement	Bubble bag

4.3 Accessories display

- A bar code printer

- A user 's manual
- A power line
- Power supply one
- USB signal transmission line
- Carbon belt roller 2

4.4 Physical appearance display

4.5 Component display

5 Product technical parameters

	Aircraft type Item	XP-T261B
Print	Print mode	Thermal transfer printing and direct thermal sensitivity
	Printing resolution	203dpi
	Print speed	203mm (8") / s
	Print width	25.4-56mm
	Print length	10-1778mm
Resources and Instruction Sets	Processor	32 RISC CPU
	Programming language	TSPL、ZPL、EPL、DPL
	RAM	8MB
	FLASH	8MB
Structure and sensor	Sensor	Gap sensor, open cover sensor, black mark sensor, carbon strip sensor
	Paper loading method	Put the paper into the paper warehouse, rotate and clamp the paper seat.
Consumables	Type	Roller label paper, sheet paper (blue or white Grasing lining paper), black label paper (black label paper on non-printing surface, black label reflectivity ≤ 10 %, printing a whole strip) · Coated paper
	Width range	25.4 ~ 60mm (1.0" ~ 2.3")
	Thickness	0.06 ~ 0.254 mm (2.36 ~ 10 mil)
	diameter of the paper rolls	Max127 mm
	Core inner diameter	25.4 ~ 76.2 mm (1 "~ 3 ")
thermal transfer ink ribbon	Type	Wax base / mixed base / resin
	Width range	60mm
	length	110m
	Core inner diameter	12.7mm
bundled	Tag design	BarTender

| software	Drive	Seagull driver, Windows system supported
	APPs and Tools	Xprinter
Interface	USB	Find
	Bluetooth（version）	–
	Bluetooth compatible software	–
	WiFi	–
	Parallel	–
	Com port	–
Support fonts		Eight bitmap fonts / Windows fonts can be downloaded through software
Font coding		–
Support bar code type	One-dimensional code	1D bar code: Code 39, Code 93, Code 128UCC, Code 128 subsets A, B, C, Codabar, Interleaved 2 of 5, EAN-8,EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, GS1 DataBar, Code 11
	Two-dimensional code	2D bar code: PDF-417, Maxicode, DataMatrix, QR code, Aztec
Font and bar code rotation		0°, 90°, 180°, 270°
Reliability		The whole machine for 1 year, printing head, rubber roller and other accessories 30 km or 1 year first to the main
Power adapter （input / output）		Input: AC 100-240V, 1.5A, 50-60Hz Output: DC 24V, 2.5A
environmental parameter	Work	5 ~ 40°C (41~104°F), Humidity（non-condensation）25 ~ 85%
	Memory	-40 ~ 60°C (-40~140°F), Humidity（non-condensation）10 ~ 90%
Physical parameter	Size （l*W*H）	245mm (D) x 145mm (W) x 170mm (H)
	Weight	3.95kg
Noise level		60dB <
Options and Accessories		①Windows volume mark editing software, driver and ; ② Quick installation guide ; ③USB transmission line ; ④ Power cord ; ⑤External voltage automatic switching power supply ; ⑥Carbon tape reel x2 ; optional : ①External reel and paper shaft ; ②Extended plate for external frame ; ③ cutter ; ④ Stripping
Certification		CCC、CE、FCC、CB、Rohs；Wireless needs to comply with SRRC.

6 Accessories and Interfaces

6.1 Printer power cord

National standard three plug power line (national standard headline tail line length of 1.2 meters)

6.2 Printer Power Adapter

24V / 2.5A AC to DC power adapter (mouse line 1 meter long)
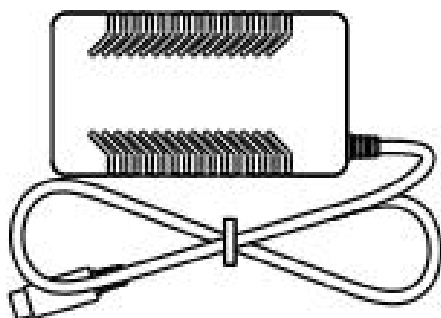
6.3 Printer data line

USB cable (1.2 m long)

6.3 Operation Guideline

6.4 Power Interface

Input DC 24V/2.5A

6.5 USB interface seat
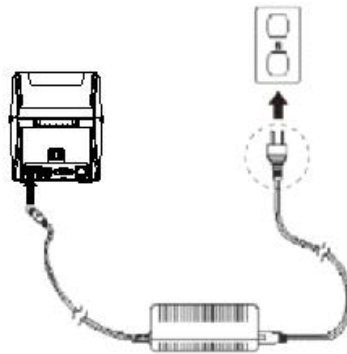
Type B USB interface socket

7 Product installation

7.1 Installing Printer

1.Please place the printer on a smooth surface and confirm that the power supply is turned off ;

2. The two ends of the USB data line are connected to the printer and the computer host respectively.

3. Insert the power cord into the power slot behind the printer, and then insert the other end into the AC electrical socket.
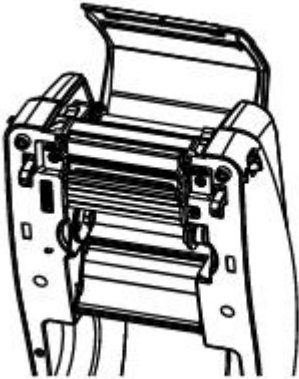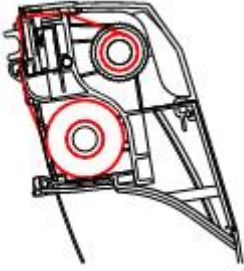
7.1 Install carbon belt

|	
	1.Both hands lift the switch handles on the left and right sides in the direction of the left arrow. Open the printer cover.

选择一	2.Install the carbon belt into the carbon belt roller in the first way as shown in the left diagram.
	3.The carbon belt is loaded into the roller in the second way as shown in the left figure.
	4.Pull the gap sensor board down as shown in the left image.
	5. Open the cover of the carbon belt silo as shown in the figure.

|	
	6、The left side of the supply shaft (hexagonal end) is pressed into the carbon belt supply runner, and then the right side is loaded.

	7.Around the print head, the carbon tape is pasted flatly on the carbon tape recovery shaft (empty paper roll).

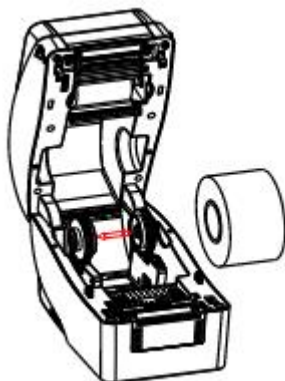|	8.Rotate the carbon belt recovery wheel in the direction of the arrows in the following figure until the black area of the carbon belt covers the print head and rolls the carbon belt tightly so that there are no wrinkles on the carbon belt. Cover the carbon belt bin and close the printer cover.

- Carbon tape installation path
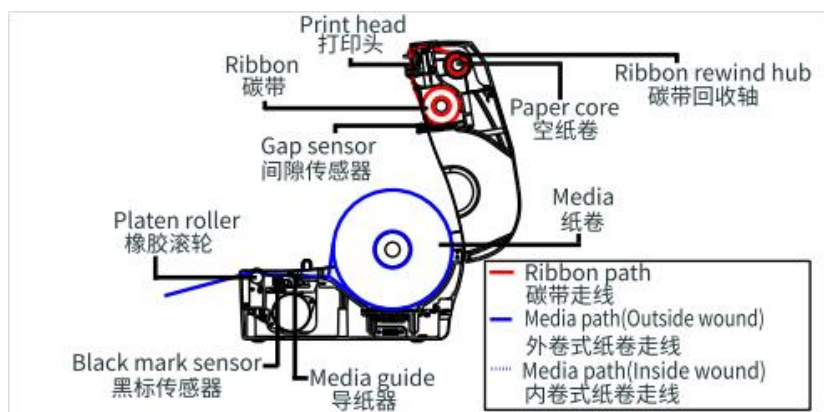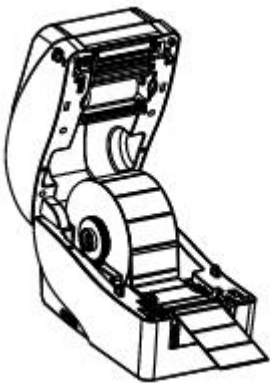

7.2 Installation paper
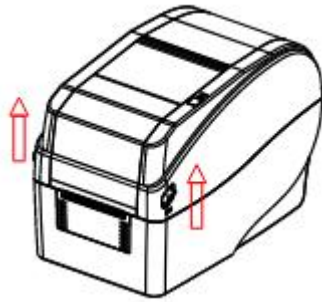
|	
	1. hands in accordance with the direction of the left arrow on the left and right sides of the switch handle, open the printer cover
	2.According to the left figure, the rotatable paper warehouse is moved to the left to the right position.
	3, the paper rolls placed on the rotatable paper warehouse rack on both sides of the clamp can be (can print one side up)

	4.Pull the paper along the paper clip limit block to pull the paper out more than the cardboard.
	5.As shown in the left diagram, the paper warehouse limit switch is pushed forward to lock the rotatable paper holder.
	6.Press down with both hands at the left arrow, close the upper cover of the printer, and the paper installation is completed.

Note : The Blackmark sensor of this series of machines is movable. Please make sure that

the gap (or black mark) of the paper passes through the sensor.
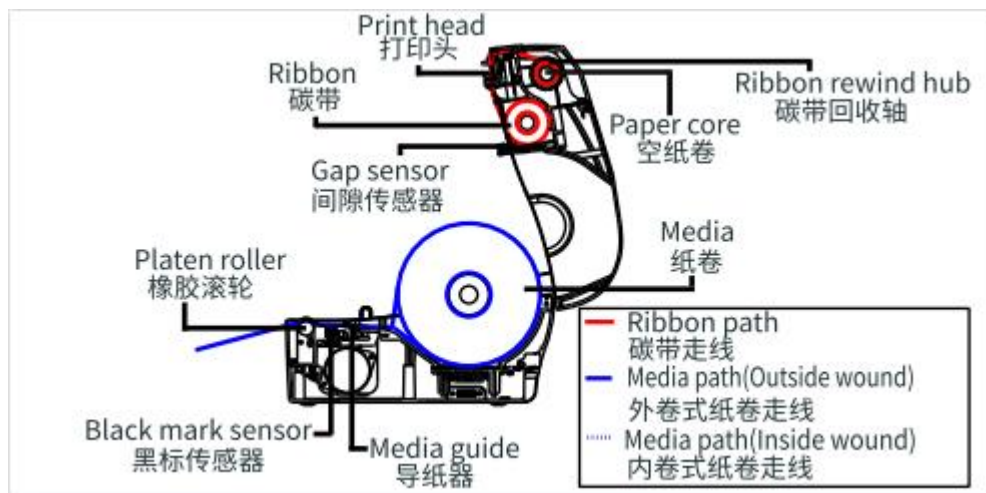
gap sensor	Blackmark Sensors
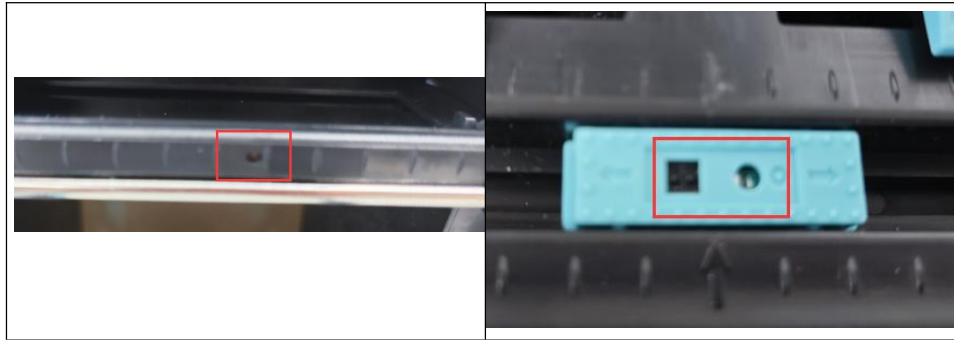
Note :

It is recommended that you replace the different types of label paper, please do a sensor correction again

●Paper installation path

8 Product interaction

The printer has a button and a two-color light, press the button or power switch, can let the printer to start a number of functions,

such as : paper, pause the printer action, print from the inspection page, etc., please see below。

8.1 LED indicator light

LED Indicator light color	Explanation

Blue (fixed)	The power starts, the printer is on standby to perform printing, and the printer is clearing the data.
Blue (blinking)	The printer is downloading data or the printer is paused.
Red(fixed)	Upper cover open, cutter error
Red(blinking)	Printing errors, such as : paper depletion, cardboard or memory errors...

8.2 key function

8.2.1 Feeding paper

When the printer is ready (LED blue fixed), click the button, will advance to the front of the next label paper.

8.2.2 Printing operation suspended

Printer In the print, clicking the button will make the print pause. At this time, the power indicator flashes blue. As long as you click the button again, the print job will return to normal.

8.2.3 Printing operation suspended

Press the button on the lid and then turn on the printer until the red and blue lights flash three times after the release.

Self-checking the internal set value of the printer	
PRINTER INFO.	Print head view pattern
XP-T451B , Version: 1.033 EZD	Machine model & firmware version
SERIAL NO.: XY2022BW225310025	Machine serial number
MILAGE(m): 2	Mileage of print head
CHECKSUM: 089685F3 XPF	check code
SERIAL PORT: 9600,N,8,1	Serial port setting
CODE PAGE: 1254	character set
COUNTRY CODE: 001	Country code
SPEED: 5 INCH	Print speed
DENSITY: 8.0	print density
SIZE: 4.09 , 3.94	Paper size (width, height)
GAP: 0.00 , 0.00	Black mark or vertical gap (offset)
TRANSPARENCE: 1	Sensor strength
BT: YES	
BT NAME: XY-2022	
BT PIN: 0000	
BT ADDRESS: DC0D3017DAC8	
BT VERSIONS: 9.1.1,FSC-BT826F	
WIFI: NO	
Cloud: NO	
*************************************	
FILE LIST:	
DRAM FILE: 0 FILE(S)	
FLASH FILE: 2 FILE(S)	
TSS24.BF2 1737392 BYTES	
TSS16.BF2 771680 BYTES	
PHYSICAL DRAM: 8192 KBYTES	
AVAILABLE DRAM: 128 KBYTES FREE	
PHYSICAL FLASH: 8192 KBYTES	
AVAILABLE FLASH: 2631 KBYTES FREE	
END OF FILE LIST	
*************************************	

8.2.4 Correction paper

The printer puts the paper away, presses the button on the lid and then turns on until the red light flashes three times.

8.2.5 Printer initialization

Turn off the printer, press and hold the button on the lid and then turn on the machine until the blue light flashes three times after the release.
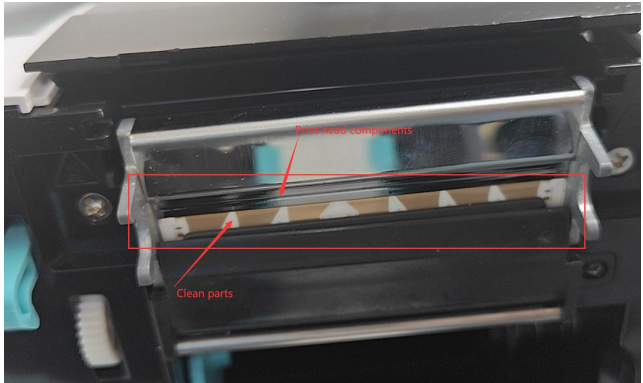
8.3 Printer simple maintenance

This simple printer maintenance program to ensure the quality of the print, but also to extend the life of the printer, the following are some of the maintenance we recommend.

1. Please use the tools listed below to clean and maintain your printer :

- cotton swab
- cotton cloth
- Vacuum cleaner or air brush
- Medical alcohol

2. Cleaning and maintenance steps:

Cleaning section	Procedure	Recommended cleaning frequency
Print Head	1. Please turn off the printer power. 2. Let the print head cool for at least one minute 3. Wipe the surface of the print head with a cotton stick dipped in medical alcohol 	When replacing a new roll of label paper
Rubber roller	1. Please turn off the printer power. 2. Rotating the rubber roller while carefully wiping with cotton cloth or cotton rod stained with medical alcohol.	When replacing a new roll of label paper
Tearing paper Strip paper	Wipe with cotton cloth dipped in medical alcohol	When needed
sensor	Use an airbrush or vacuum cleaner to remove dust from the sensor	Per month
Outside the machine	Wipe with a wet cotton cloth	When needed

Machine internal	Use an airbrush or vacuum cleaner to remove dust from the machine	When needed

Note :
Do not touch the print head directly with your hand. If accidentally touched by hand, please wipe with cotton stick stained with medical alcohol.
Please use medical alcohol. Do not use industrial alcohol, industrial alcohol may damage the print head.
If you have frequent error messages on your printer, please clean your printer's sensors frequently.
The equipment is suitable for safe use in tropical climate conditions.
This is a class A product. In the living environment, the product may cause radio interference. In such cases, it may be necessary for the user to take practical measures against its interference.

8.4   drive installation instructions

● Open your storage driver location, double-click the printer driver icon, select I accept the terms of the license agreement options, then select the next step ;
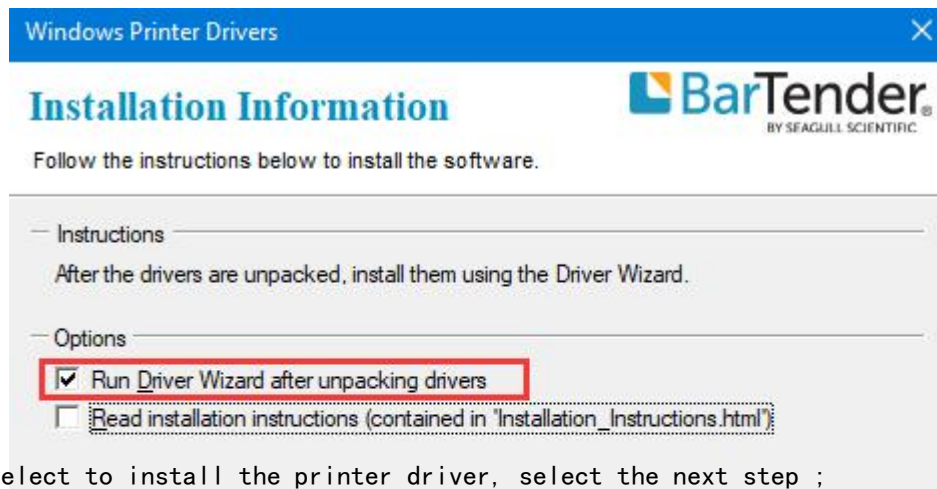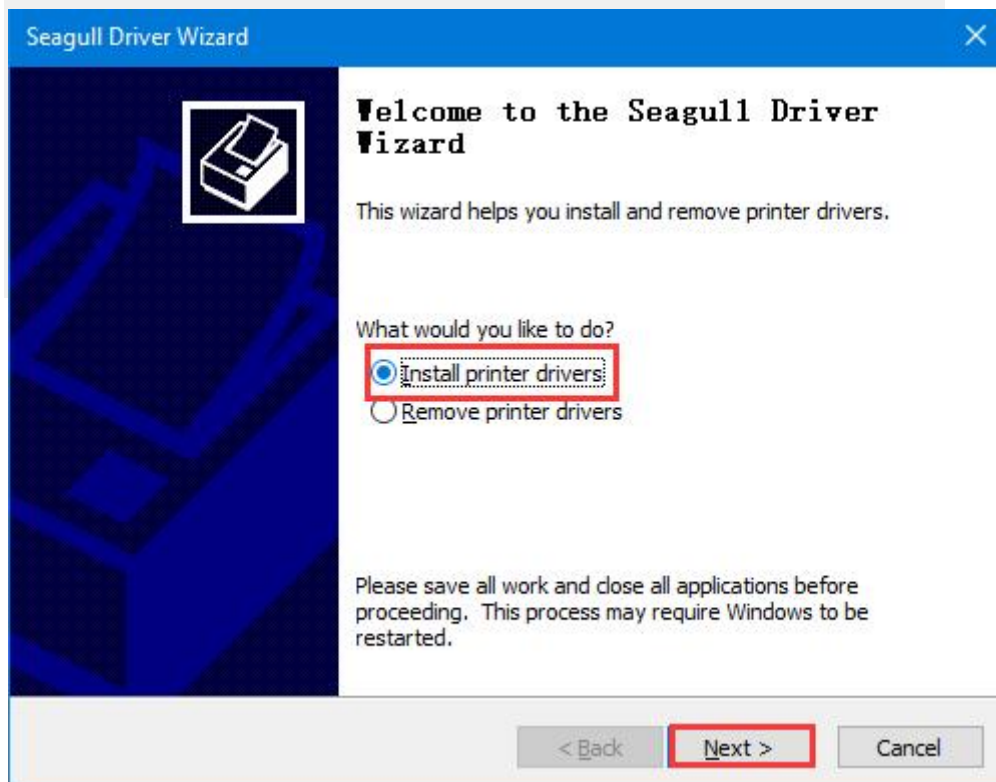
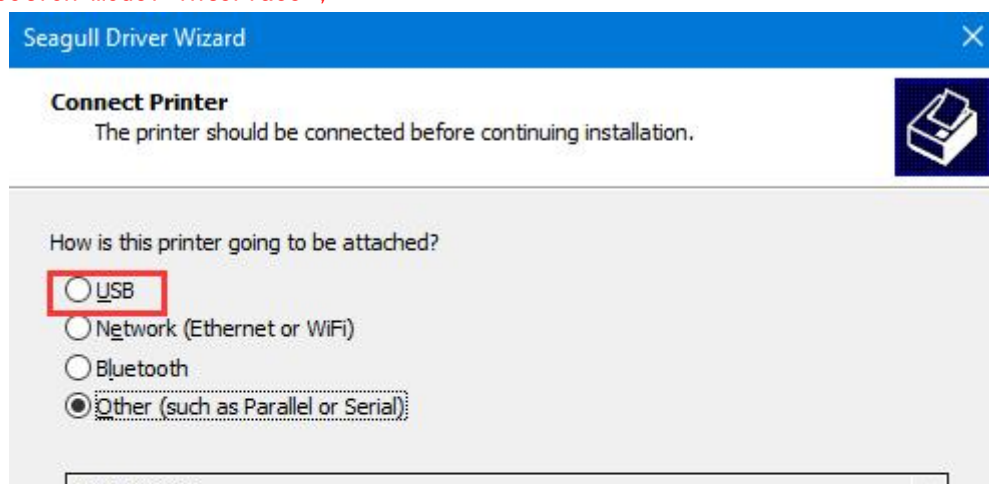- Select the default installation path, select the next step;

- After selecting the decompression driver unpacking, run the driver wizard to complete the selection（note that the 64-bit system above window7 requires permission authorization）.
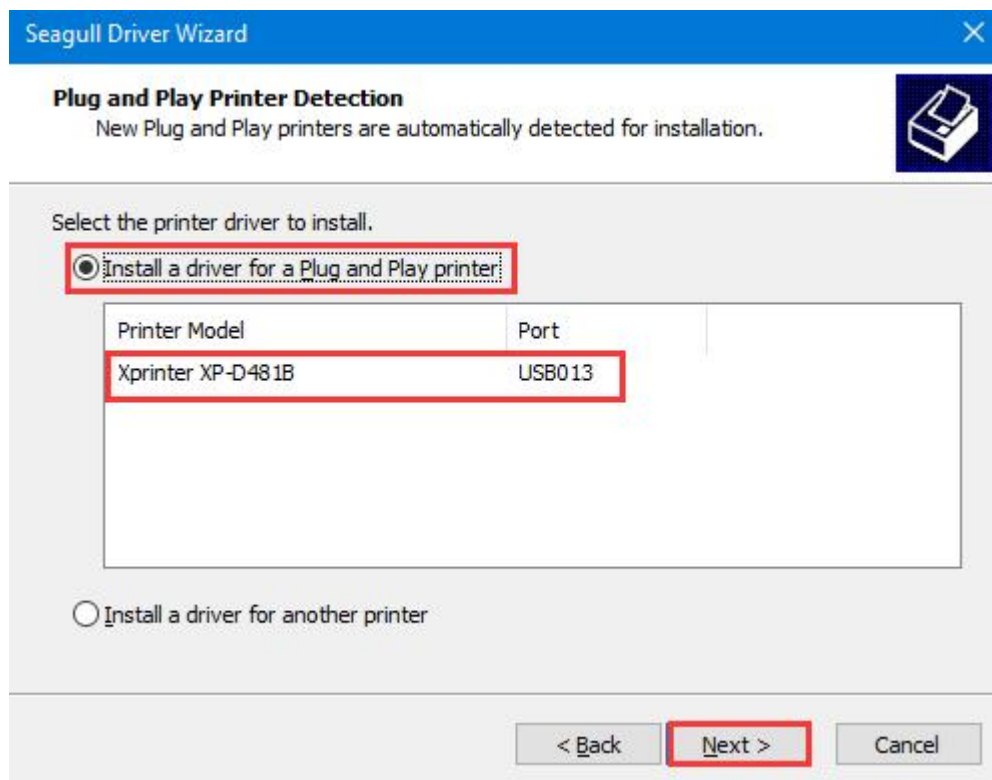
Windows Printer Drivers

Installation Information

BarTender.
BY SEAGULL SCIENTIFIC

Follow the instructions below to install the software.

— Instructions
After the drivers are unpacked, install them using the Driver Wizard.

— Options
☑ Run Driver Wizard after unpacking drivers
☐ Read installation instructions (contained in 'Installation_Instructions.html')

Select to install the printer driver, select the next step ;

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 >   Cancel

- Please confirm that the printer is powered on, please use a dedicated USB cable to connect the printer and the computer side, will automatically enter the selection model interface ;

Seagull Driver Wizard

Connect Printer
The printer should be connected before continuing installation.

How is this printer going to be attached?
◯ USB
◯ Network (Ethernet or WiFi)
◯ Bluetooth
◉ Other (such as Parallel or Serial)

- Select the driver to install the plug-and-play printer, select the printer model （the actual port may be different from the manual ）, click Next ;

- Set the printer name Select Next;

- Make sure the settings are correct Select Complete;

- The printer equipment of the corresponding model is generated in the equipment and printer, and the installation is completed.

Phantom Print to Evernote   SEWOO Label Printer(Z)   Xprinter XP-D481B

attention: The type of installation drive varies according to the model of the machine.