# Cloud Printing
# PlatformUser Manual

<p align="center">Contents</p>

# 1. Function brief introduction:

## 1.1 Introduction to cloud printing

Cloud printing (Cloud Printing) is a technology that sends a printing task to a remote printer over the Internet. It allows users to send documents, pictures, or other files through a cloud service to a printer connected to a cloud printing network, without the need to physically connect to a printer or within the same LAN. This technology allows users to send printing tasks from anywhere, on any device, with an Internet connection, a is for the future.
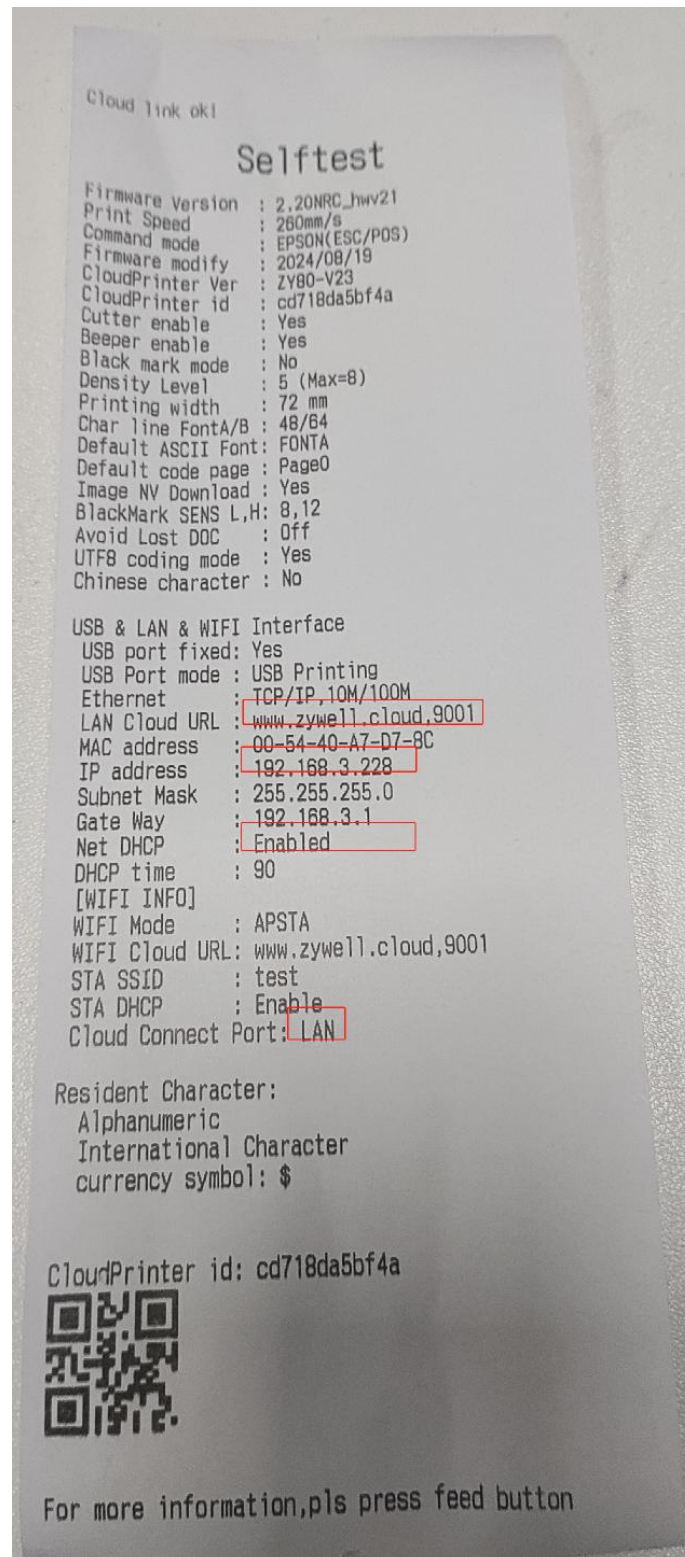
The advantages of cloud printing include:

Convenience: Users can send printing tasks from any device anytime, anywhere, regardless of geographical location or physical connections.

Flexibility: Without being on the same network as a specific printer, you can select multiple printers connected to the cloud printing service.

# 2. Functional use instructions:

## 2.1: Preparation

LAN setting command: 1F 1B 70 71 13 15 30 77 77 77 2E 7A 79 77 65 6C 6C 2E 63 6C 6F 75 64 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

WIFI setting instructions: 1F 1B 1F 28 13 14 10 03 39 30 30 31 2C 77 77 77 2E 7A 79 77 65 6C 6C 2E 63 6C 6F 75 64 00

Switch communication ports: 1F 1B 70 71 13 02 0 // The last digit 0 is lan mode and 1 is WiFi mode

1.Configure the parameters of the LAN port cloud print server
  ① Power on and turn on the cloud printer, and connect the USB cable
  ② Open the PrinterTestV5.2 tool
  ③ Select the USB port
  ④ Check "HEX"
  ⑤ Set the LAN server address URL and enter "1F 1B 70 71 13 15 30 77 77 77 2E 7A 79 77 65 6C 6C 2E 63 6C 6F 75 64 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00"
      And switch the communication port to LAN: 1F 1B 70 71 13 02 0



⑥ Click the "Printer" button. The buzzer will sound and the modification is successful

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⑦ **Restart the printer to print the self-check page and confirm the parameters of the cloud printer**



```
Cloud link ok!

              Selftest
Firmware Version  : 2.20NRC_hwv21
Print Speed       : 260mm/s
Command mode      : EPSON(ESC/POS)
Firmware modify   : 2024/08/19
CloudPrinter Ver  : ZY80-V23
CloudPrinter id   : cd718da5bf4a
Cutter enable     : Yes
Beeper enable     : Yes
Black mark mode   : No
Density Level     : 5 (Max=8)
Printing width    : 72 mm
Char line FontA/B : 48/64
Default ASCII Font: FONTA
Default code page : Page0
Image NV Download : Yes
BlackMark SENS L,H: 8,12
Avoid Lost DOC    : Off
UTF8 coding mode  : Yes
Chinese character : No

USB & LAN & WIFI Interface
 USB port fixed: Yes
 USB Port mode : USB Printing
 Ethernet      : TCP/IP,10M/100M
 LAN Cloud URL : www.zywell.cloud,9001
 MAC address   : 00-54-40-A7-D7-8C
 IP address    : 192.168.3.228
 Subnet Mask   : 255.255.255.0
 Gate Way      : 192.168.3.1
 Net DHCP      : Enabled
 DHCP time     : 90
 [WIFI INFO]
 WIFI Mode     : APSTA
 WIFI Cloud URL: www.zywell.cloud,9001
 STA SSID      : test
 STA DHCP      : Enable
 Cloud Connect Port: LAN

Resident Character:
 Alphanumeric
 International Character
 currency symbol: $


CloudPrinter id: cd718da5bf4a


For more information,pls press feed button
```

1. **Confirm that the server address to which the LAN Cloud URL is connected is :www.zywell.cloud,9001**
2. **Confirm whether Net DHCP is enabled.**
3. **Confirm whether the Port connected by Cloud Connect Port is: LAN**

**2. Configure the parameters of the WIFI port cloud print server**

① **Power on and turn on the cloud printer, and connect the USB cable**

② **Open the PrinterTestV5.2 tool**

③ **Select the USB port**

④ **Check "HEX"**

⑤**Set the WiFi server address URL input: "1F 1B 1F 28 13 14 10 03 39 30 30 31 2C 77 77 77 2E 7A 79 77 65 6C 6C 2E 63 6C 6F 75 64 00"**

And switch the communication port to WiFi:  1F 1B 70 71 13 02 1



⑥**Click the "Printer" button, the buzzer will sound, and the modification is successful**

⑦ **Set the WIFI account password for the printer**

**Fill in the SSID, WiFi Key and click "Set above contents" to set the WIFI information to the printer.**

**Note: Not supported for 5GHz**

⑦ **Restart the printer to print the self-check page and confirm the parameters of the cloud printer**
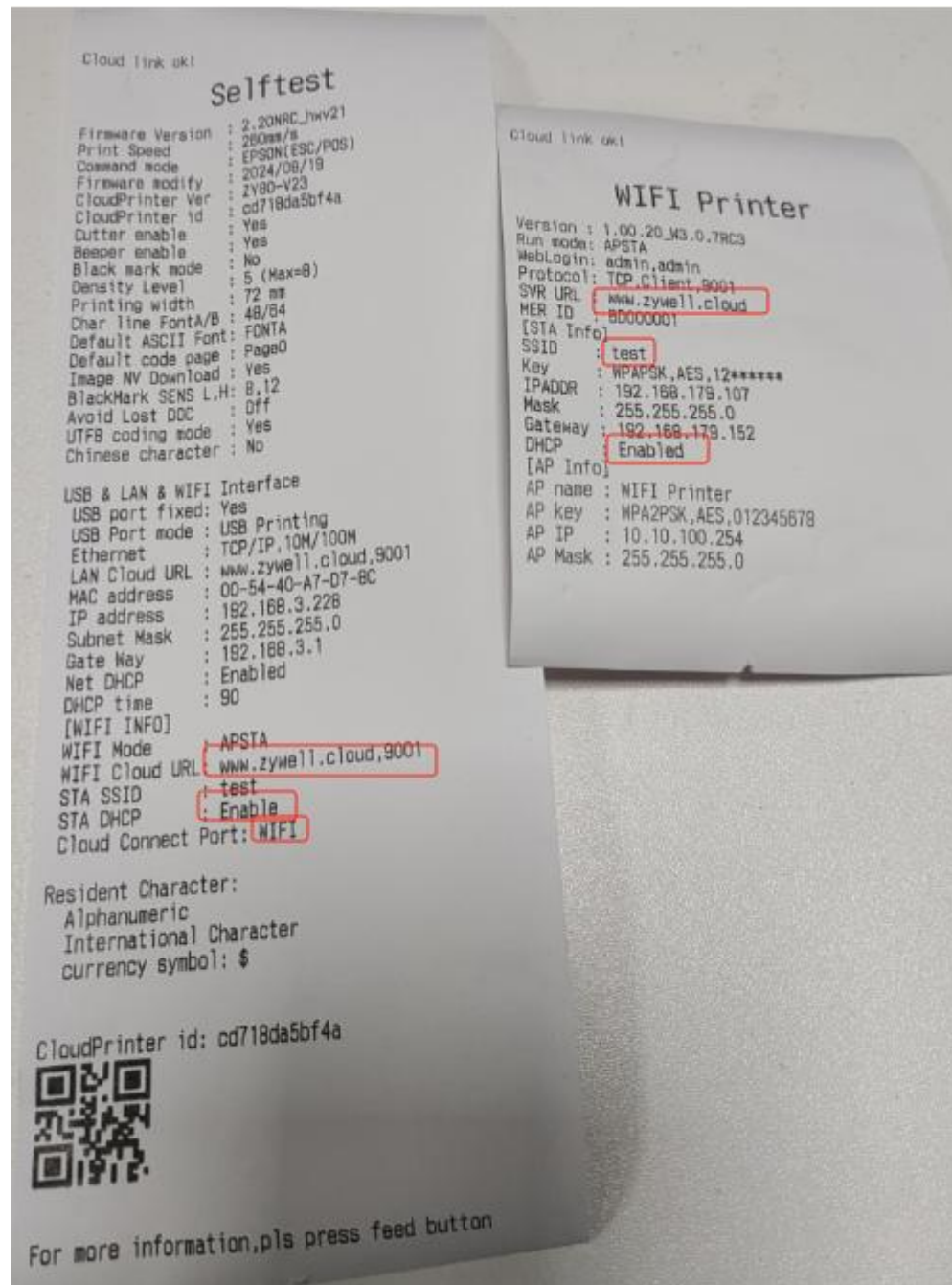


1. Confirm that the server address to which the WIFI Cloud URL is connected is :www.zywell.cloud,9001
2. Confirm whether STA DHCP is enabled.
3. Confirm whether the Port connected by Cloud Connect Port is: WIFI.
4. Confirm whether the SSID is consistent with the set WIFI name.

**3. View the cloud printer ID and the server IP**

① **When the cloud printer is turned off, press the Feed button, and immediately release the Feed button and print the self-check page**

② **Check and keep the self-test pag**
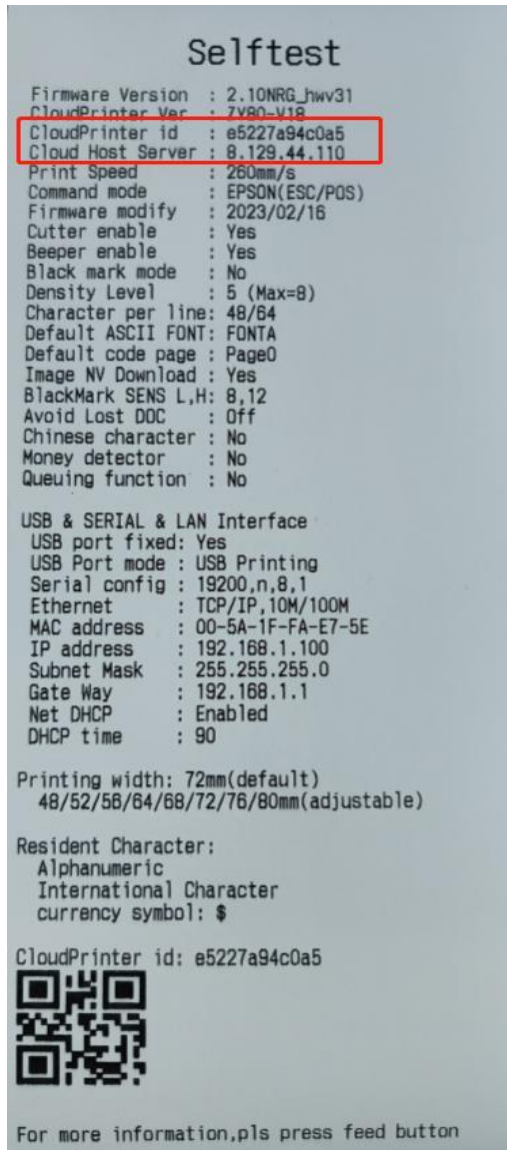


**4. How to judge the success of the cloud printer connection server**

① **The cloud printer is connected to the network cable**

② **Cloud printer prints out a successful connection ticket**
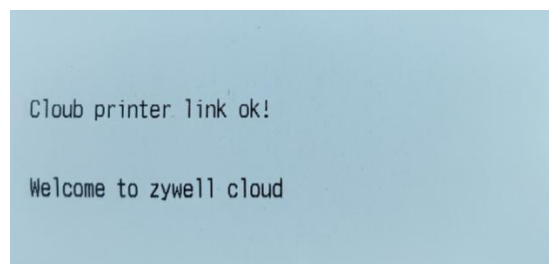
# 3. Operation process:

## 3.1: Login

**1. Open the browser and enter the Web address:**
**http:// www . zywell . cloud:4200/#/ account/ login**
**2. Enter the account password and click the "Login" button**
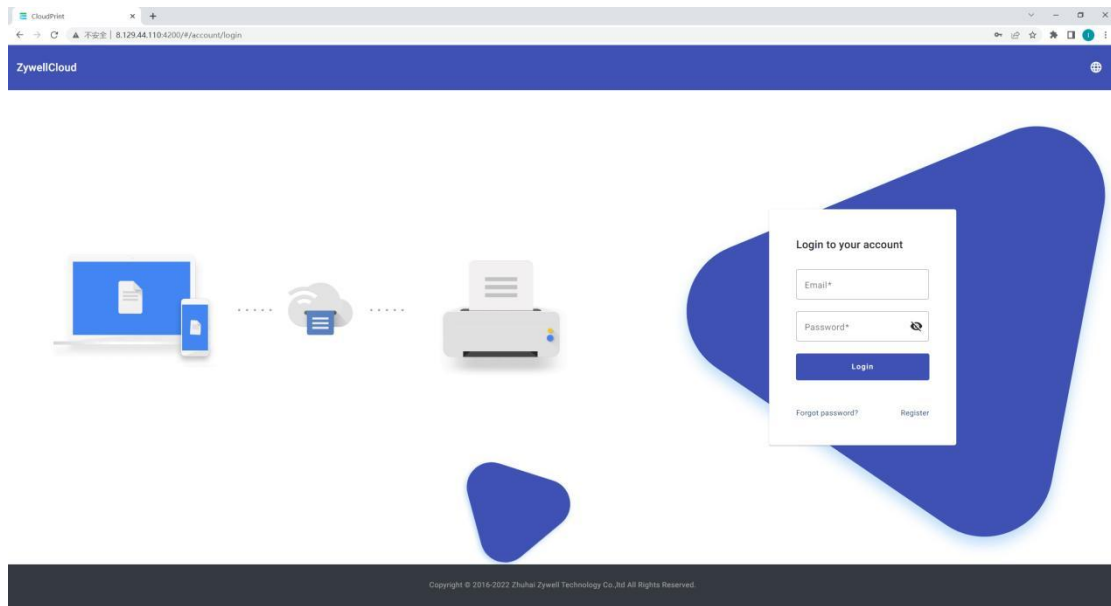


## 3.2: Menu bar

**http:// www . zywell . cloud:4200/#/ dashboard/ printerManage/ printerList**
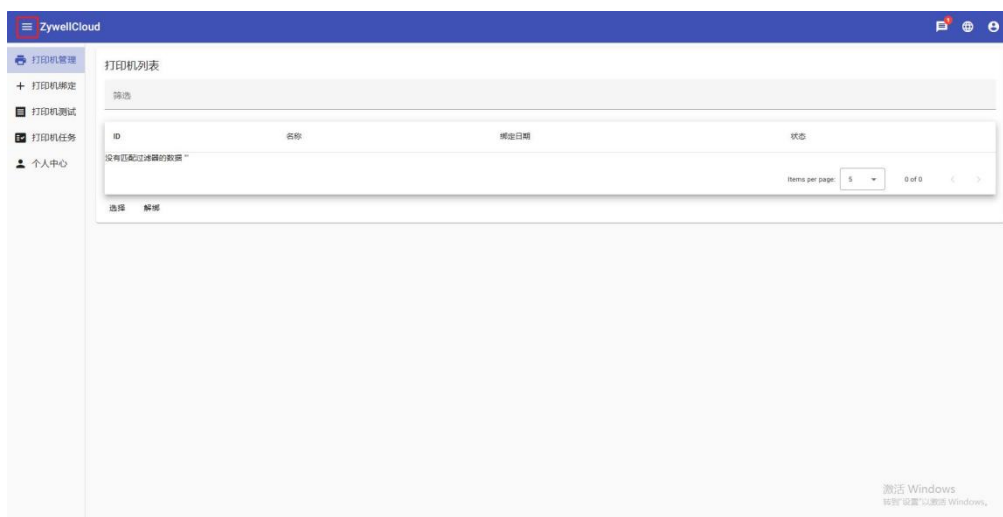


**Click the "Menu" button in the upper left corner to display or hide the menu bar**

# 3.3: bind the printer

Bind the printer according the printer ID. Support for a single unit and multiple printer binding mode. For multiple bindings, you need to download the excel template, fill in the data, and then upload the file for binding.

(1) Single printer binding

① Under the Single binding column, enter the Cloud Printer ID in the Printer ID box

② Enter the printer name in the Printer Name box

③ Click the "Bind" button, bind the cloud printer, pop up a successful prompt, successful binding

**(2) Batch binding**

**① At the bottom of the "binding List" column, click the "template" button to pop up the file saving window, and click the "Save" button to download the batch import template document**
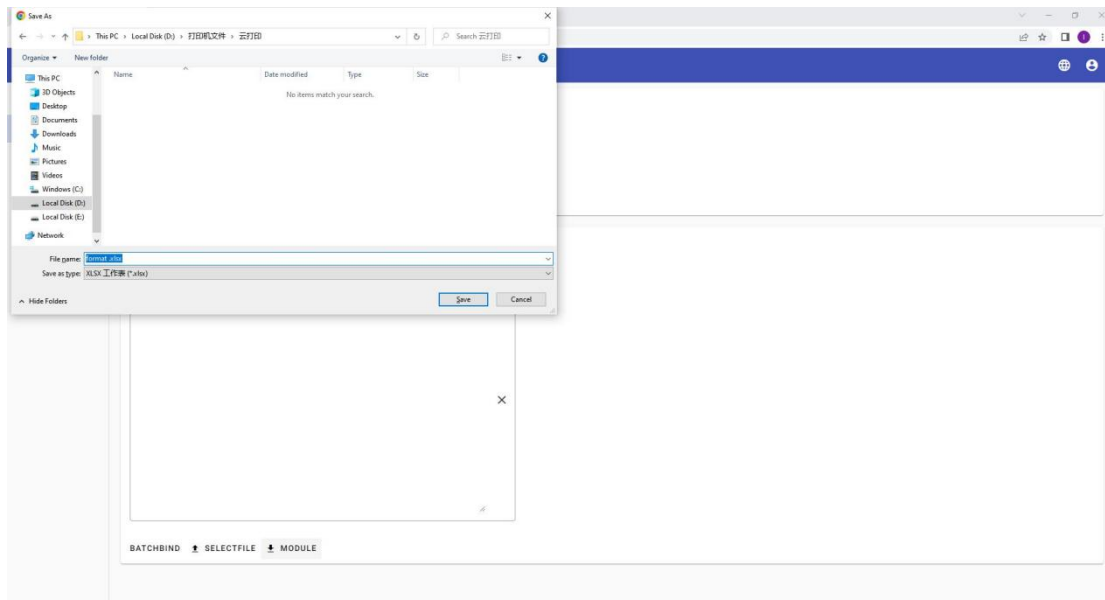


**② Open the template file, enter the cloud printer ID and the printer name under the "PrinterID" and "PrinterName" columns, and save the template document after the input completes**
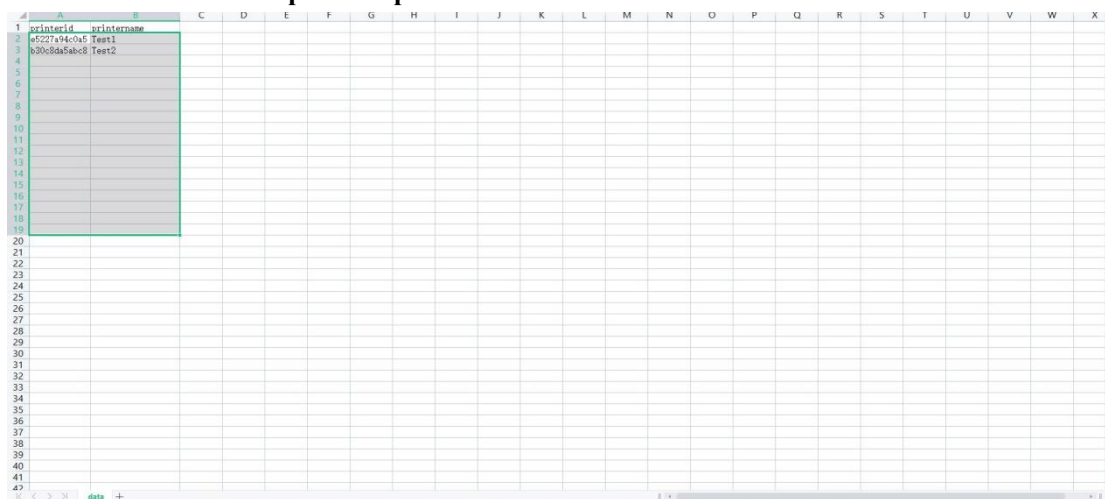
③ **Click the "Select a File" button to pop up the file selection window, select the template document, and click the "Open" button to import the cloud printer in batches**
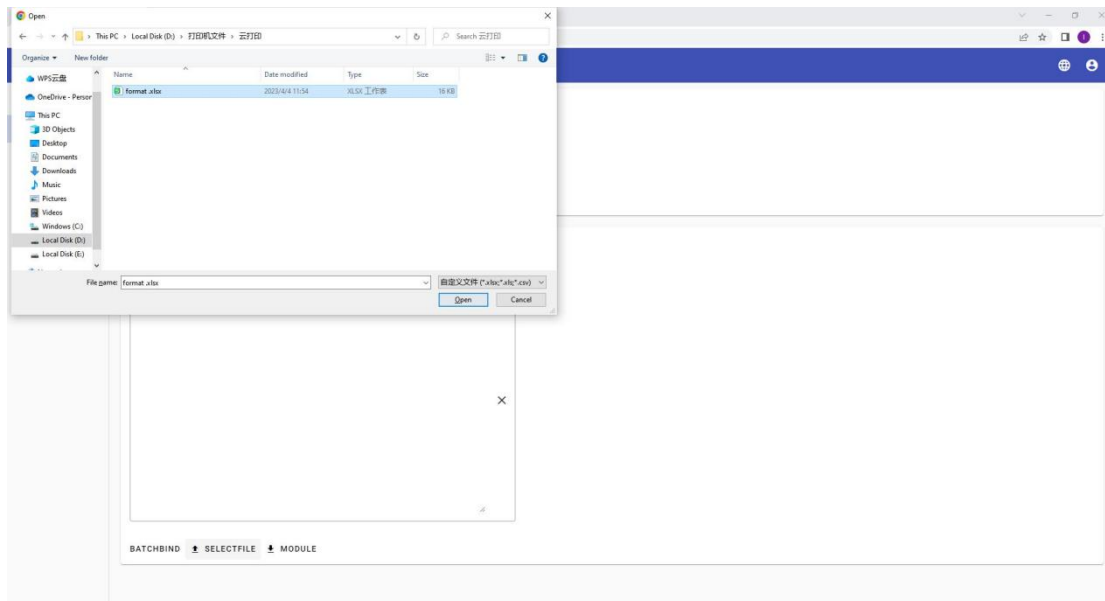


④ **Click the "Batch" button, batch bind the cloud printer, pop up success prompt, binding success**

# 3.4: Printer management

**http:// www . zywell . cloud:4200/#/ dashboard/ printerManage/ printerAdd**
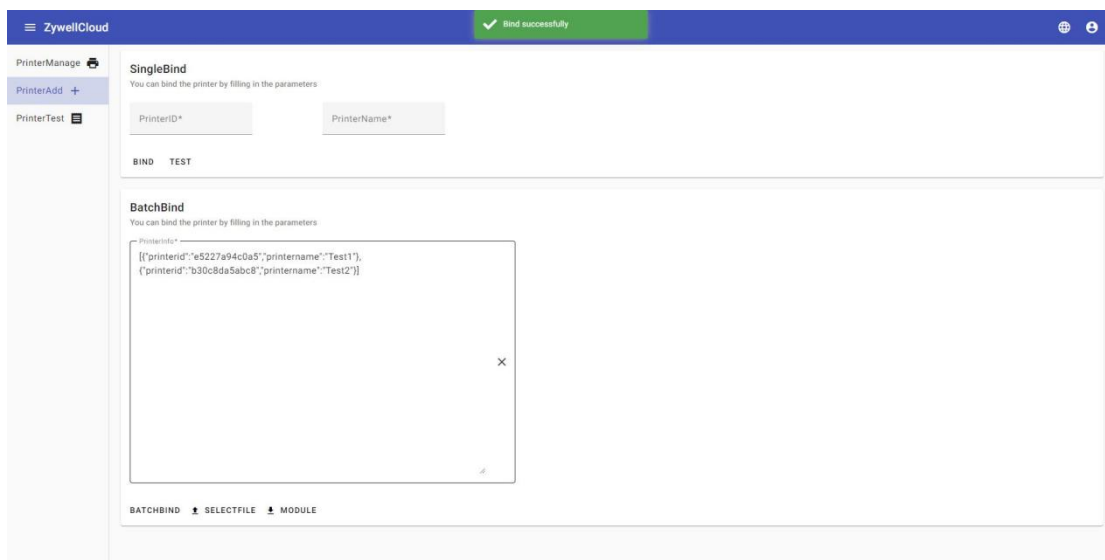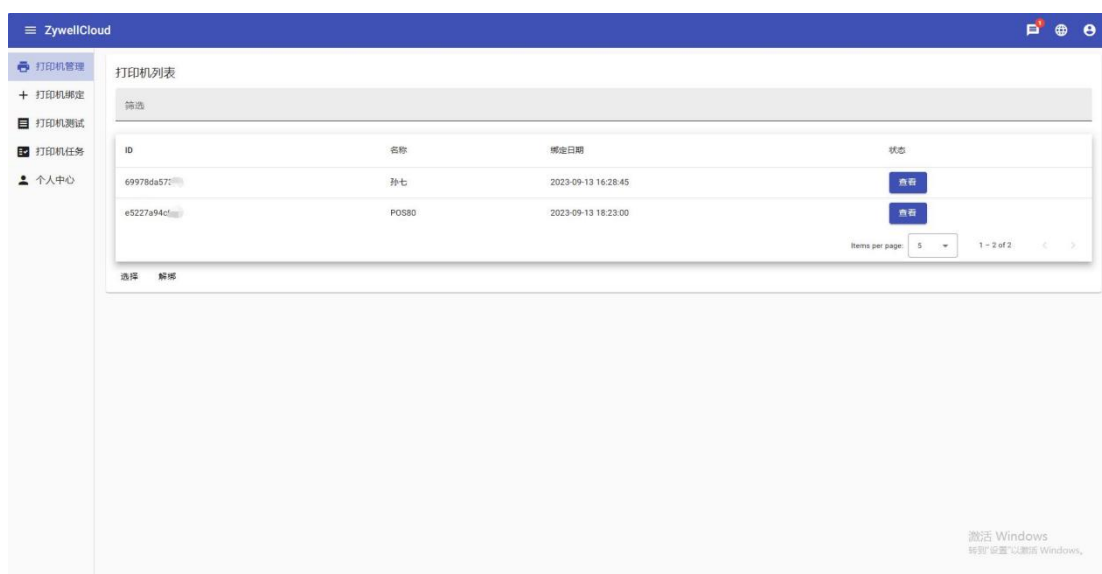


**Click the "PrinterManage" button to open the printer management interface**

**(1) Find the cloud printer**
**Click the Filter box, enter either ID, Name, bind Date, and automatically display the contents of the search**
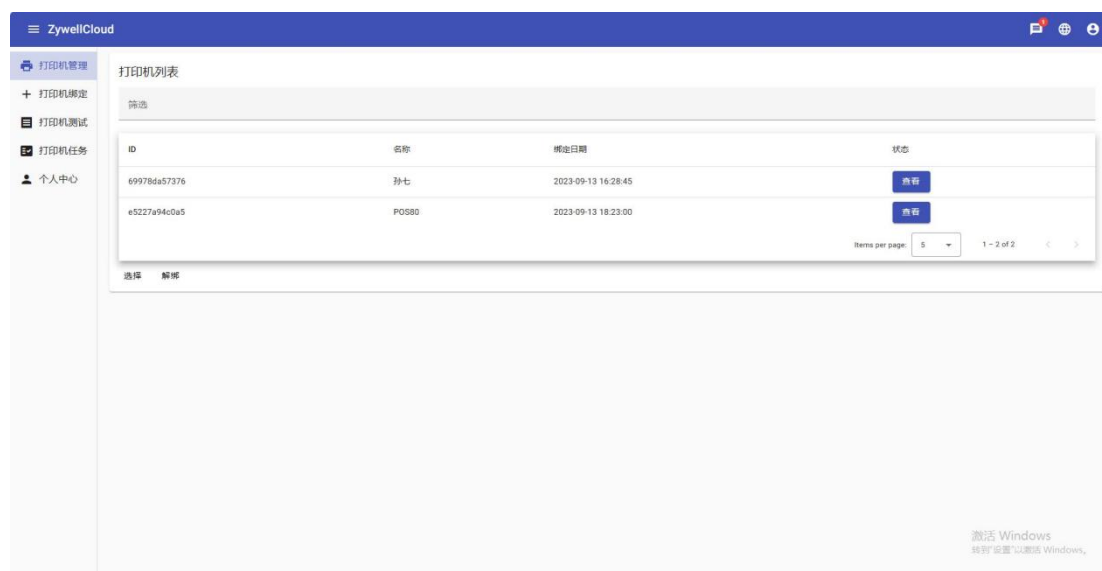
**(2) Multiple selection of cloud printers**

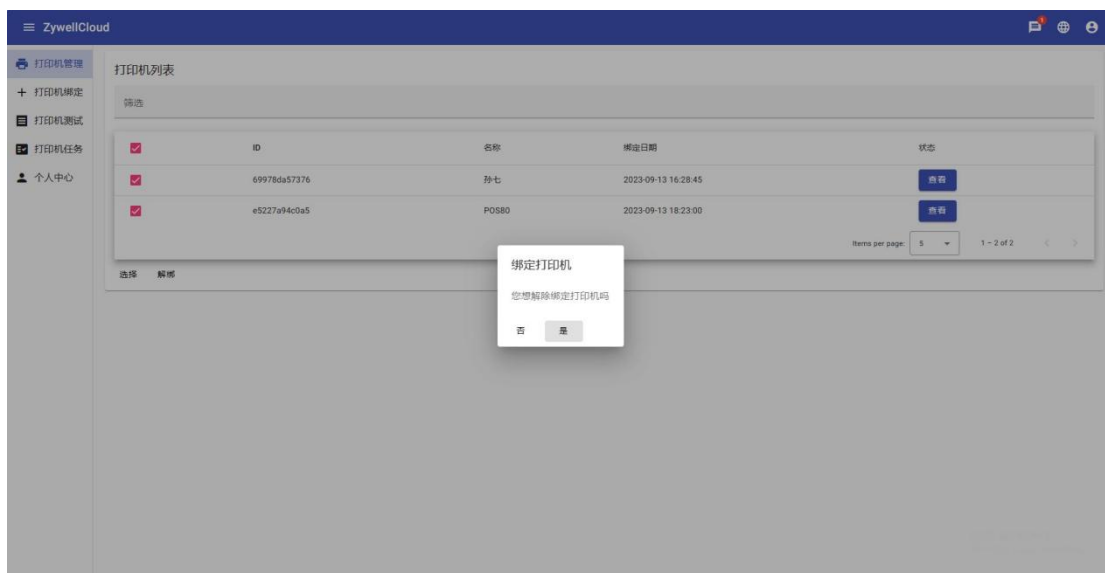**Click the "Select" button to check the check box before the "ID"**
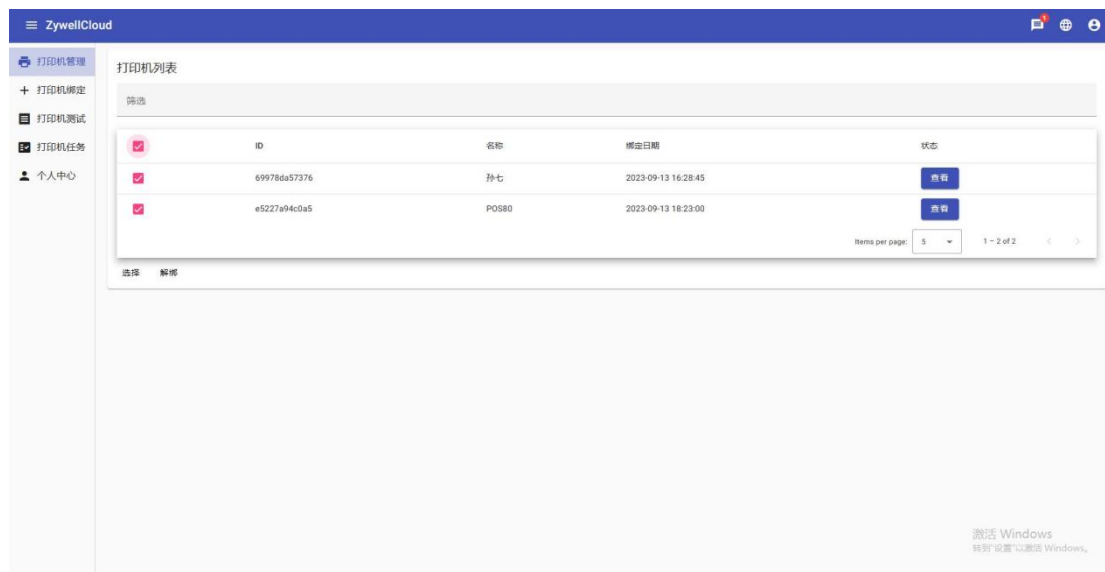


**(3) Unbind the cloud printer and remove a single cloud printer**

① **Click the "Select" button to check the cloud printer to be removed**

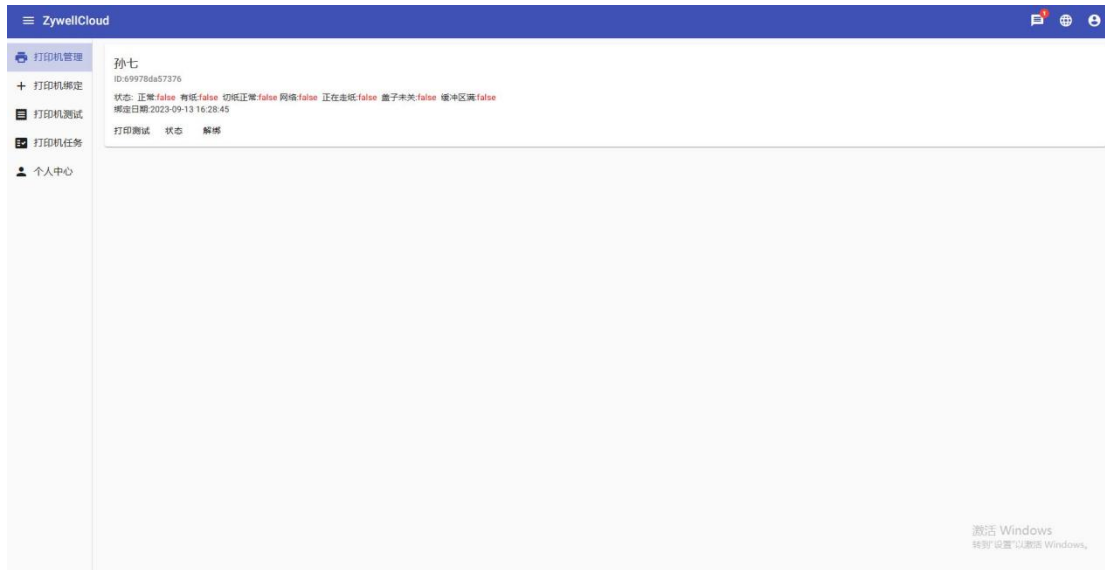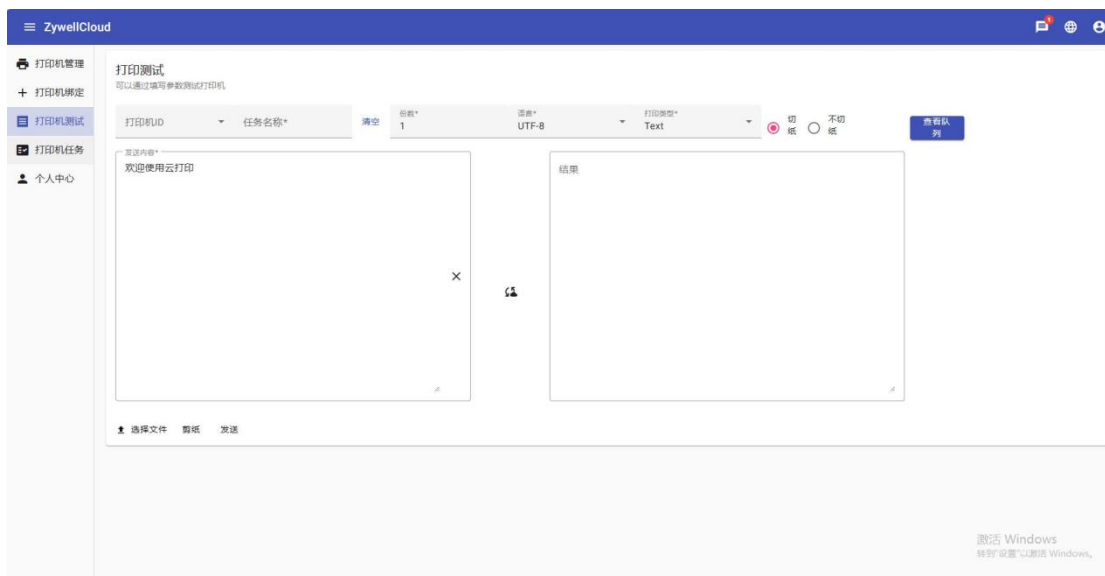② **Click the "Unbind" button, pop up the confirmation window, and click the "Yes" button**



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**(4) State view to view the status of the equipment**

**① Click the Status-only button to view the current status of the device**



# 3.5: Printer test

**http:// www . zywell . cloud:4200/#/ dashboard/ printerManage/ printerTest**



Click the "Printer Test" button to open the printer test interface


Printer id: Click to enter the cloud printer ID

Task name: Click to enter the number of copies: Click to modify the number of copies

Language: "UTF-8" printed in English, "GBK" printed in Chinese

**Print type: print text, 16, advanced, picture, bar code, QR code content**
**Select a file: Select a printed file**
**Cut the paper: the cloud printer will cut the paper**
**Send it: Send the print content to the cloud printer to print**

**(1) Print the text**
**Text box printing**
**Click the Print Type, select "Text", enter the print content in the "input box" box, and click "Send" to send**
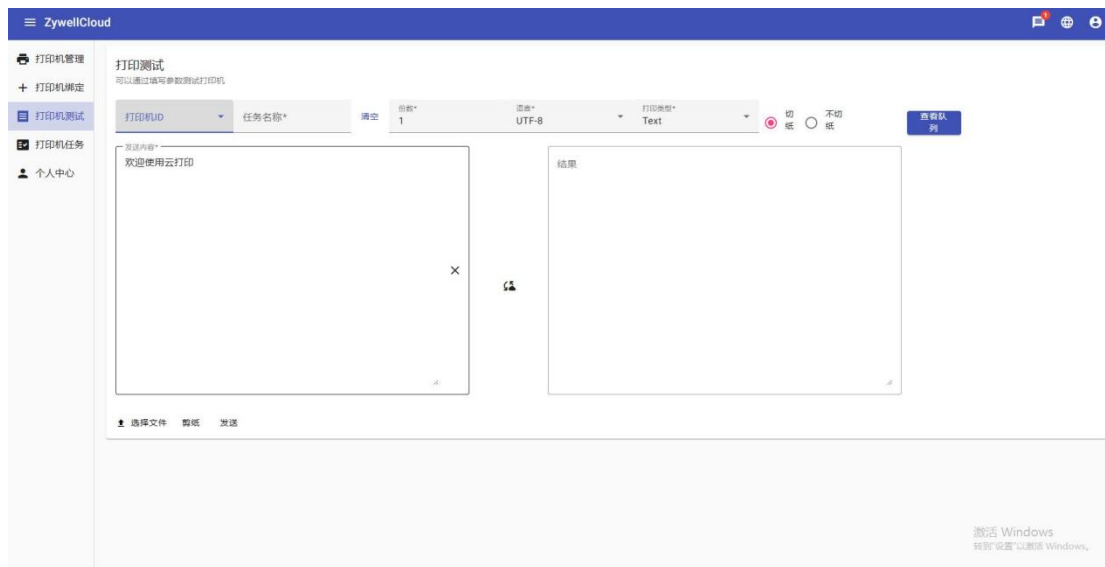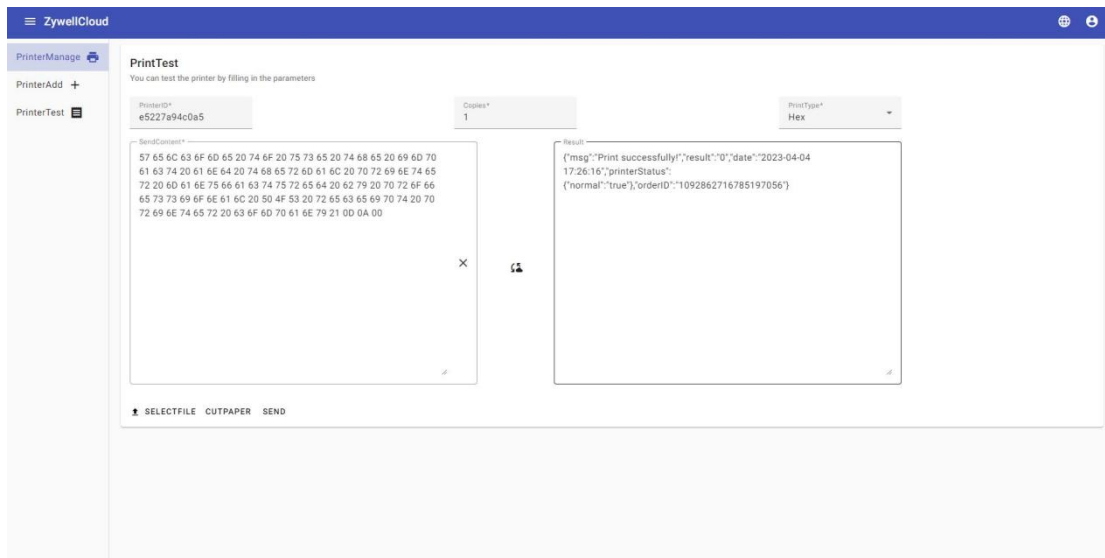


**(2) Document printing**
 **Click the print type, select "File", click "Select File", select txt. png. pdf format file, and click "SEND" to send**

**(3) Print 16 advanced text box printing**
**Click the print type, select "HEX", enter the print content in the "Send box" box, and click "Send" to send**

**(1) Print out the pictures**

Click the print type, select "Image", click "Select File" to select pictures in bmp, jpg, jpeg, png format, and click "SEND" to send

**(2) Print the bar codes**

Click the print type, select "Barcode", enter the barcode content in the "Send Box" box, and click "Send"

**(3) Print the QR code**

Click the print type, select "Qrcode", enter the barcode content in the "Send Box" box, and click "Send"

## 3.6: Printer task

**http:// www . zywell . cloud:4200/#/ dashboard/ printerManage/ printerQuery**



Printer tasks can query historical information for print tasks and view the print content.

**(1) Task name query**

Click on the task query text box, enter the task id and task name in the "Input Box" box, and select "Query"

**(2) View the order status of the task queue print**

## (3) View the printed content of the order