



Utility Tool for POS Instruction

PP-82

Rev.1.0



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MANUAL INFORMATION

This Manual provides information on installation, detailed specifications, and usage of the printer according to PC operating system (OS).

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.

OPERATING SYSTEM ENVIRONMENT

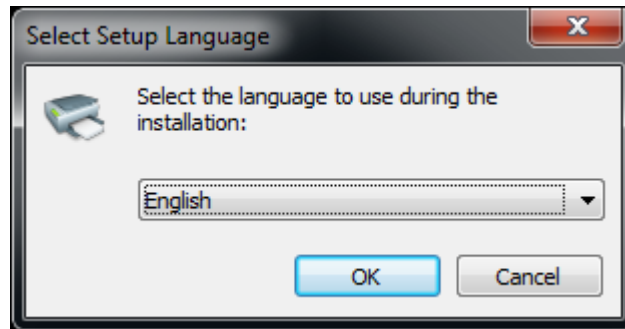
Wintec Utility Tool is applicable to the following operating system:

- Microsoft Windows 10 (32 bit/64 bit)
- Microsoft Windows 8 (32 bit/64 bit)
- Microsoft Windows 7 SPI (32 bit/64 bit)
- Microsoft Windows Vista SP2 (32 bit/64 bit)
- Microsoft Windows XP Professional SP3 (32 bit)
- Microsoft Windows Server 2012(64 bit)
- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2008 SP2(32 bit/64 bit)
- Microsoft Windows Server 2003 R2 SP2(32 bit/64 bit)

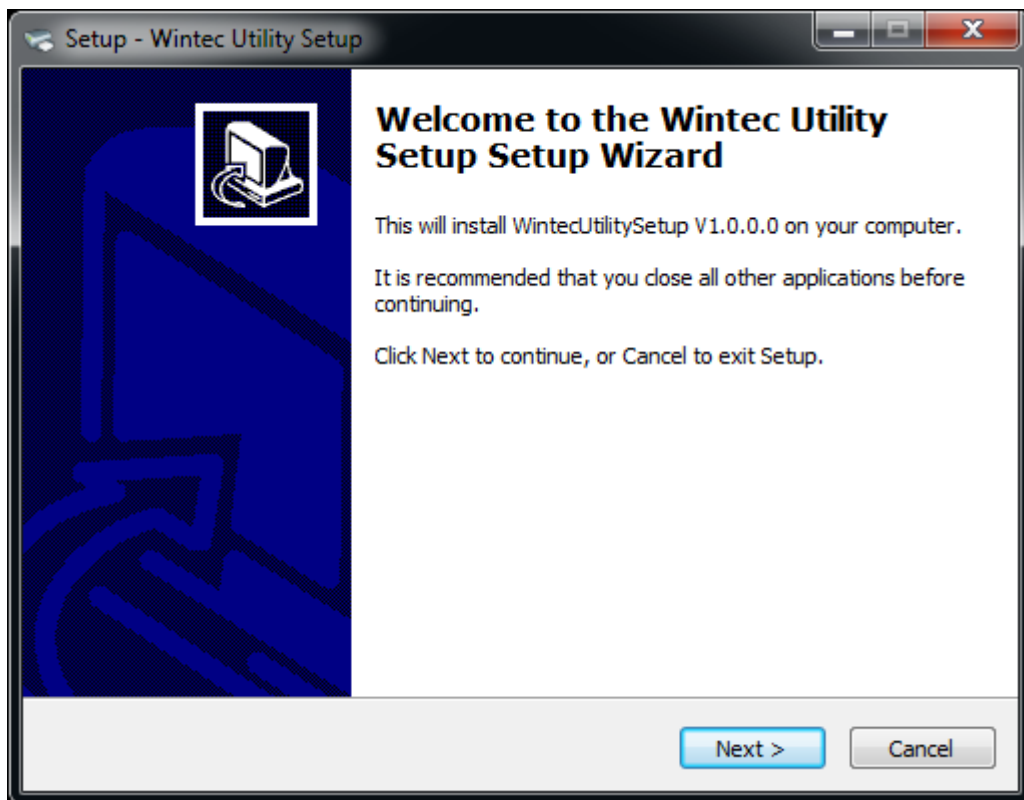
Driver version	V 1.0.0.0
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1.INSTALLATION OF WINTEC UTILITY TOOL

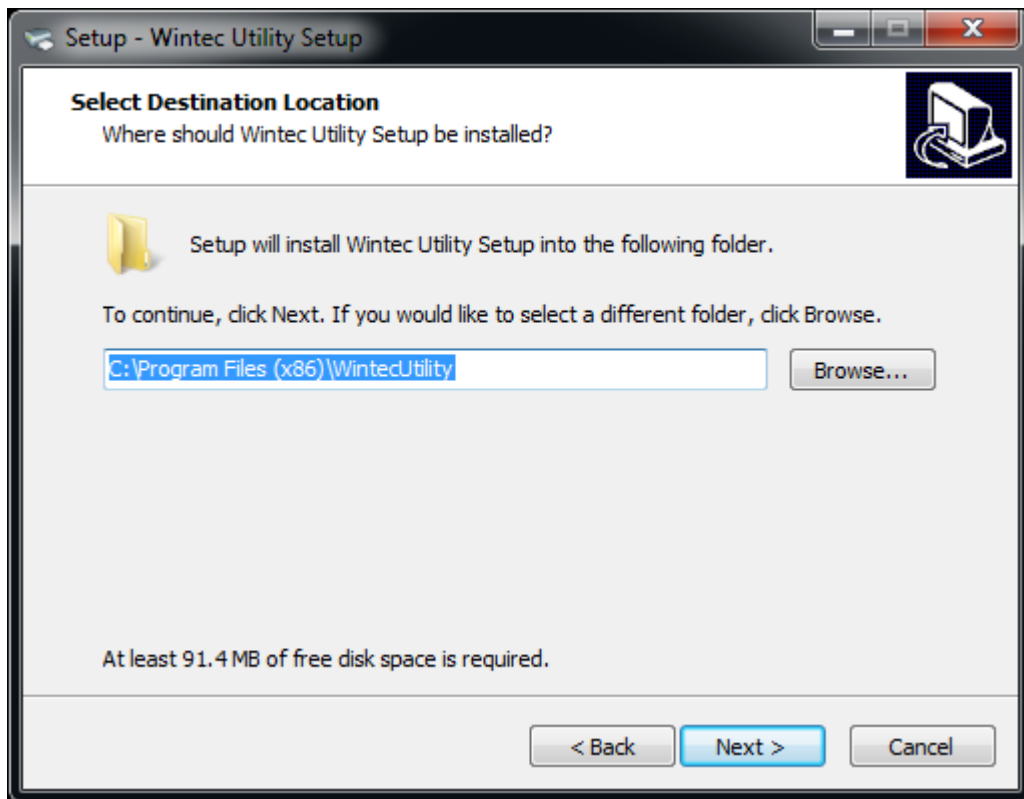
- 1) Open the installation package.
- 2) Choose "English" and click "OK".



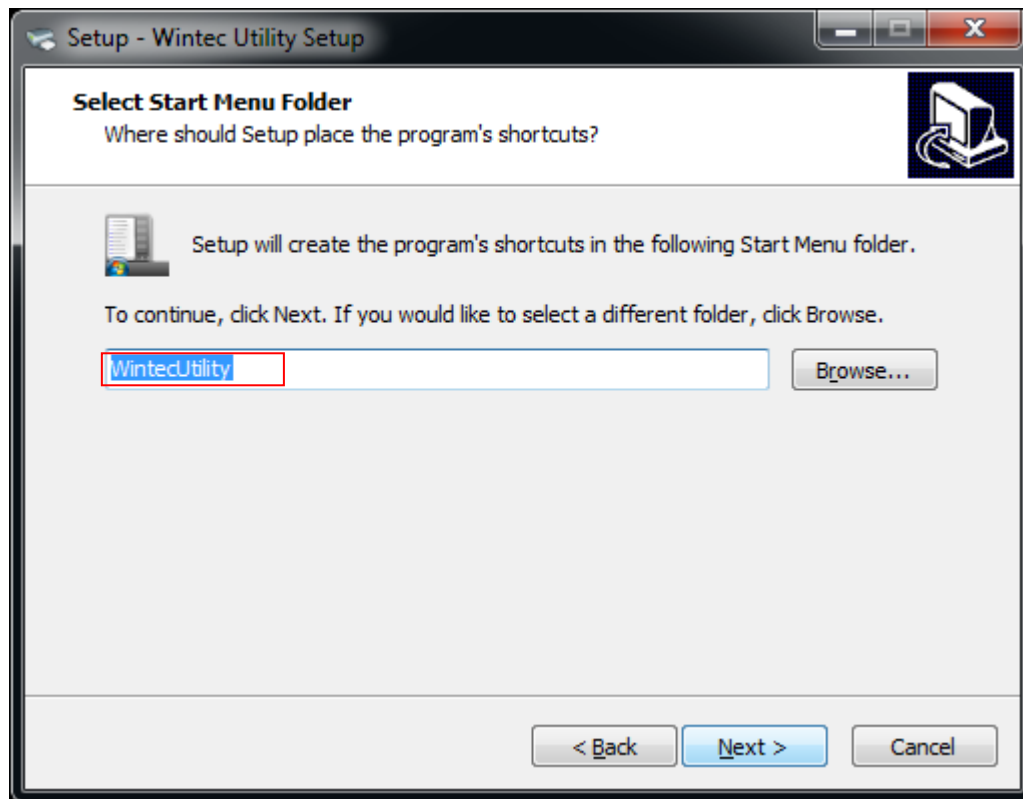
- 3) Click "Next".



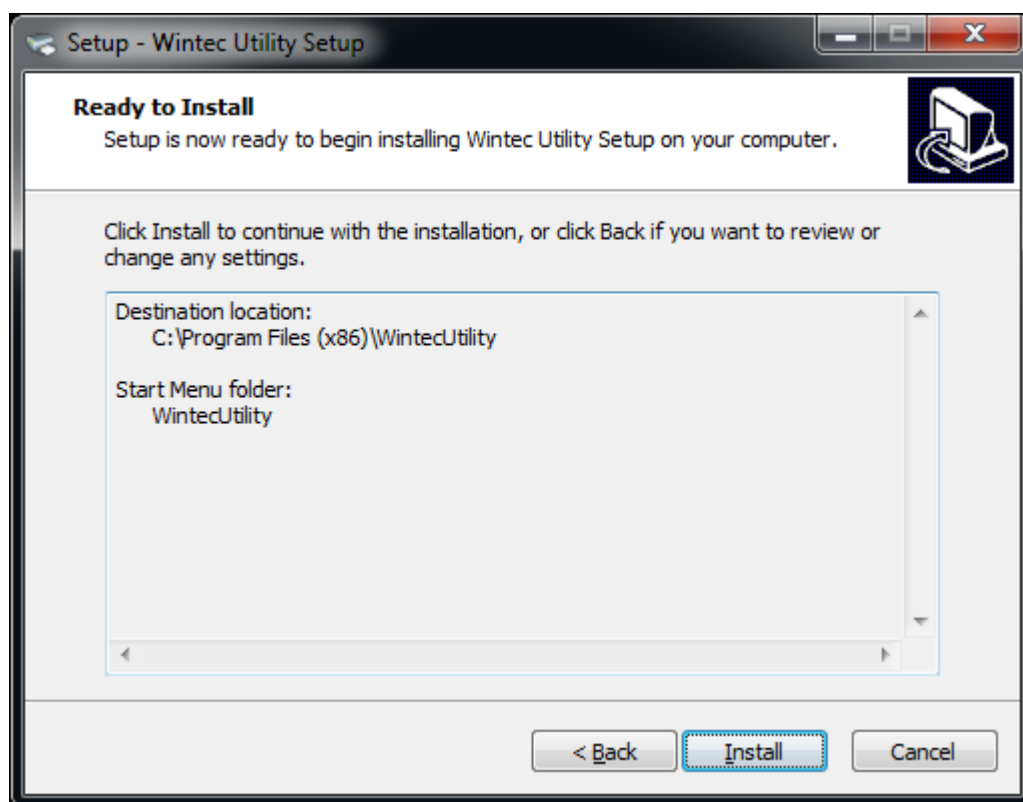
- 4) Select destination location to install the Wintec Utility Tool. Click "Next".



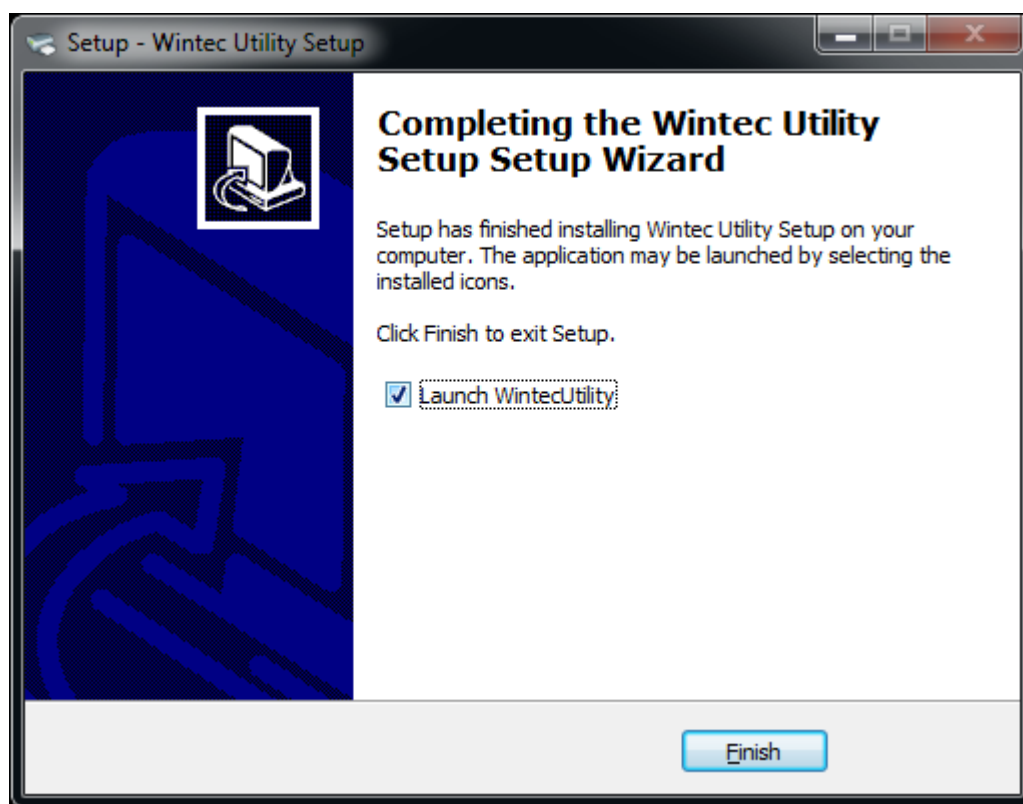
- 5) Select start menu folder. Click "Next".



- 6) Click "Install".



- 7) Click "Finish". Wintec Utility Tool is installed successfully.



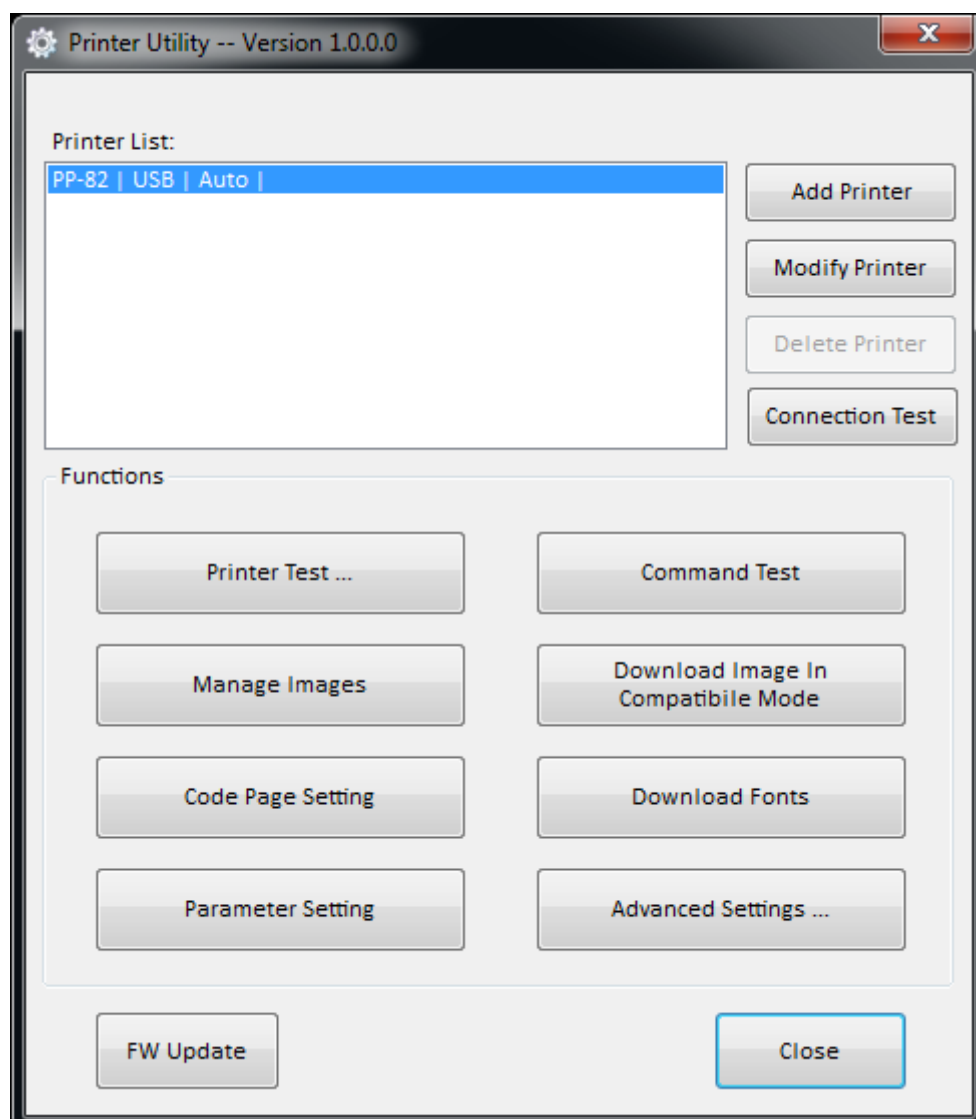
2.USING WINTEC UTILITY TOOL



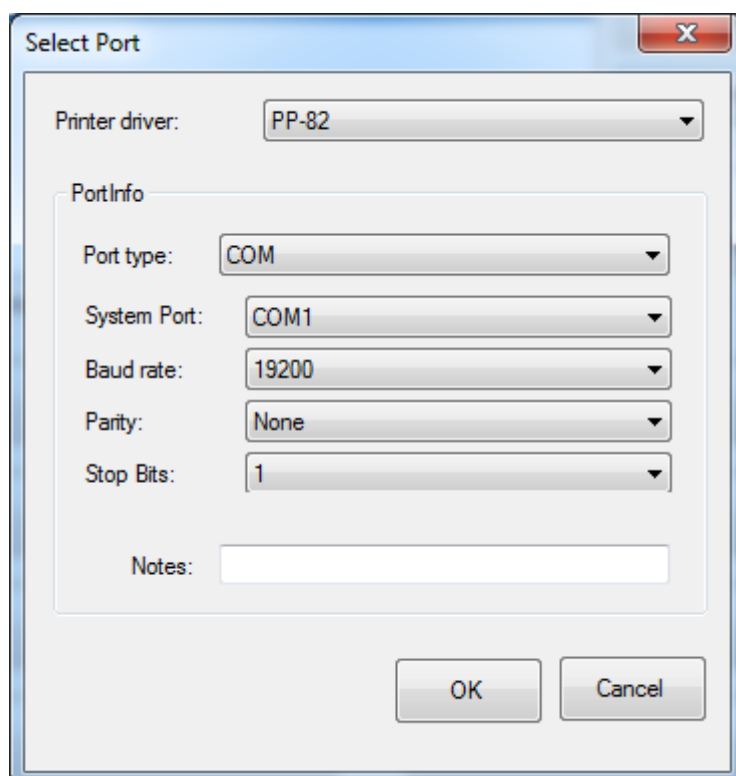
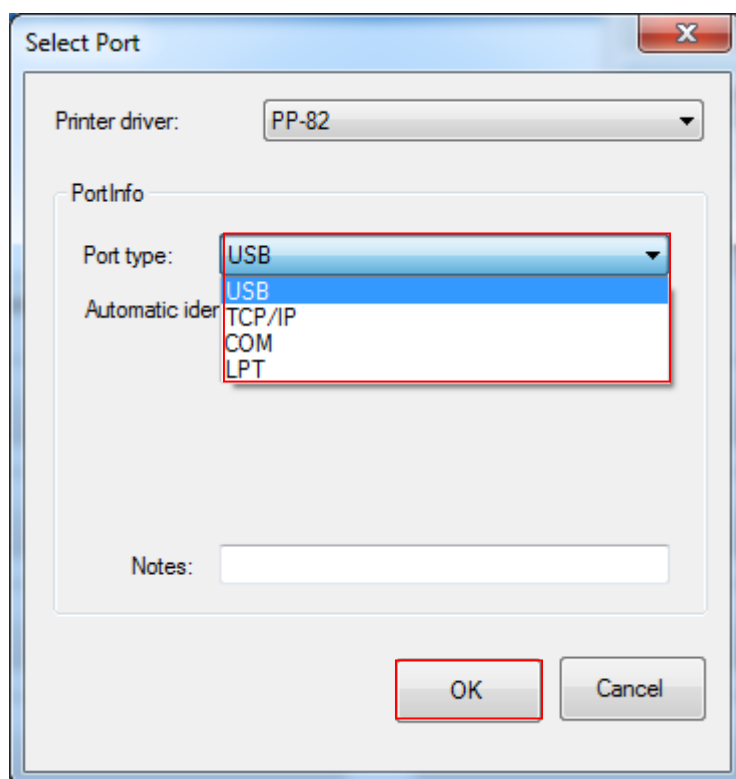
Warning: In different operating system, screen will slight difference. Please operate it according to the tips.
Take PP-82 (Windows 7) for example.

- **Modify printer**

1) Click "Modify Printer".



- 2) Choose a new port type. Then click "OK".



■Baud rate:

PortInfo

Port type:

COM

System Port:

COM1

Baud rate:

19200

Parity:

4800

Stop Bits:

9600

Notes:

14400

19200

38400

57600

115200

921600

■Parity:

PortInfo

Port type:

COM

System Port:

COM1

Baud rate:

19200

Parity:

None

Stop Bits:

None

Notes:

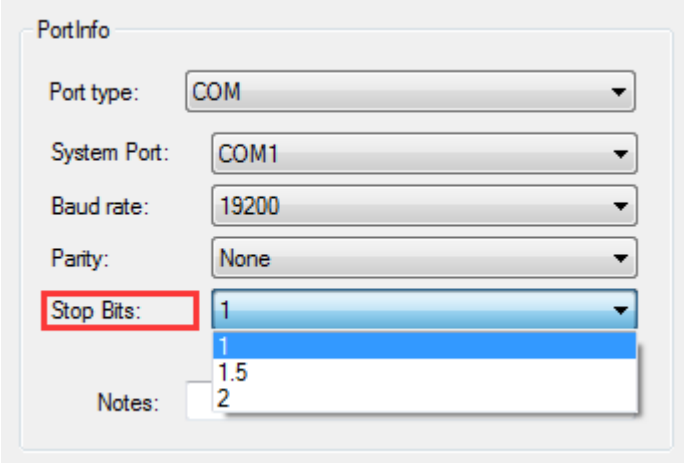
Odd

Even

Mark

Space

■ Stop Bits:



The screenshot shows a 'PortInfo' dialog box with the following fields:

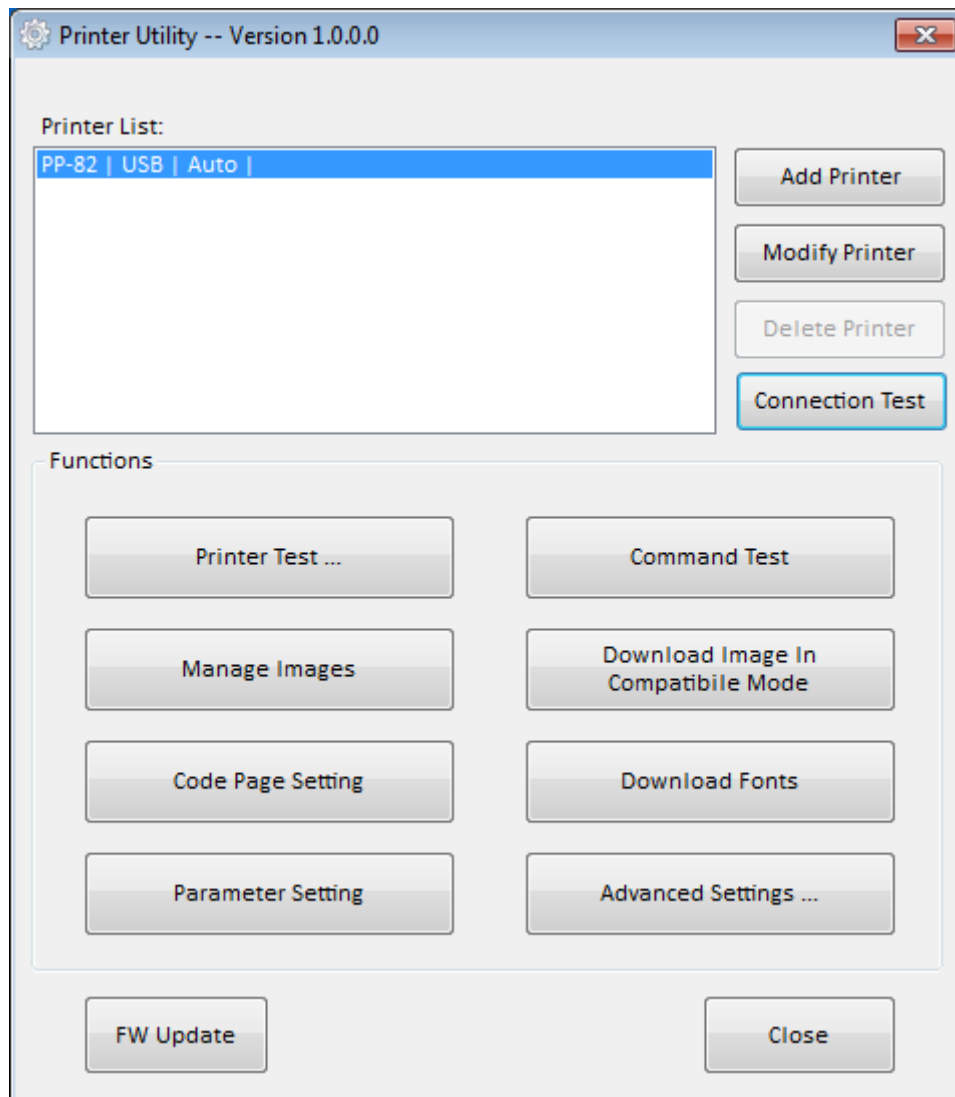
- Port type: COM
- System Port: COM1
- Baud rate: 19200
- Parity: None
- Stop Bits: 1 (The dropdown menu is open, showing options 1, 1.5, and 2. The '1' option is highlighted in blue.)
- Notes: ☐

3) The new printer is added successfully.

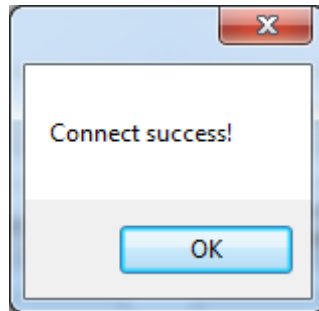
- **Connection Test**

Make sure printer is connected with computer and power on.

- 1) Choose the printer. Click "Connection Test".



- 2) If the connection is successful, it will appear the following window. If the connection is unsuccessful, please connect the printer with computer.

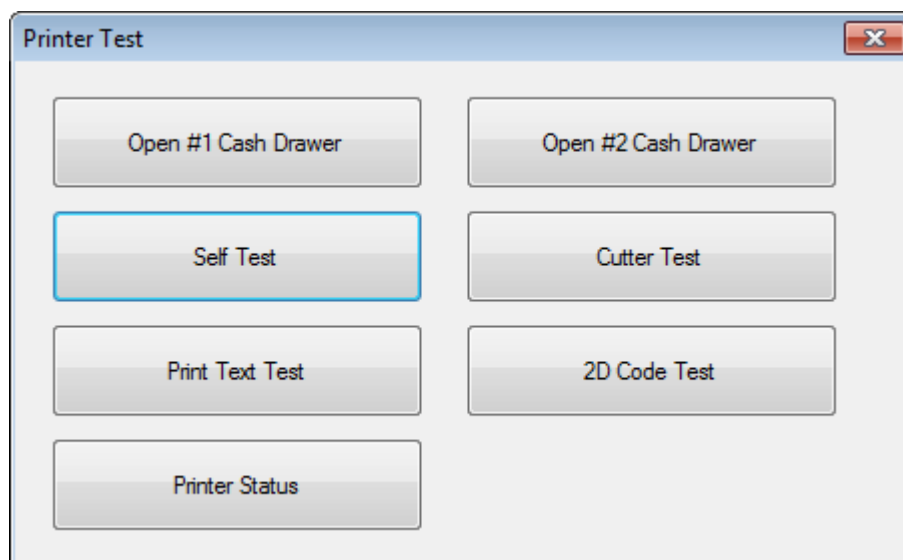


Note:

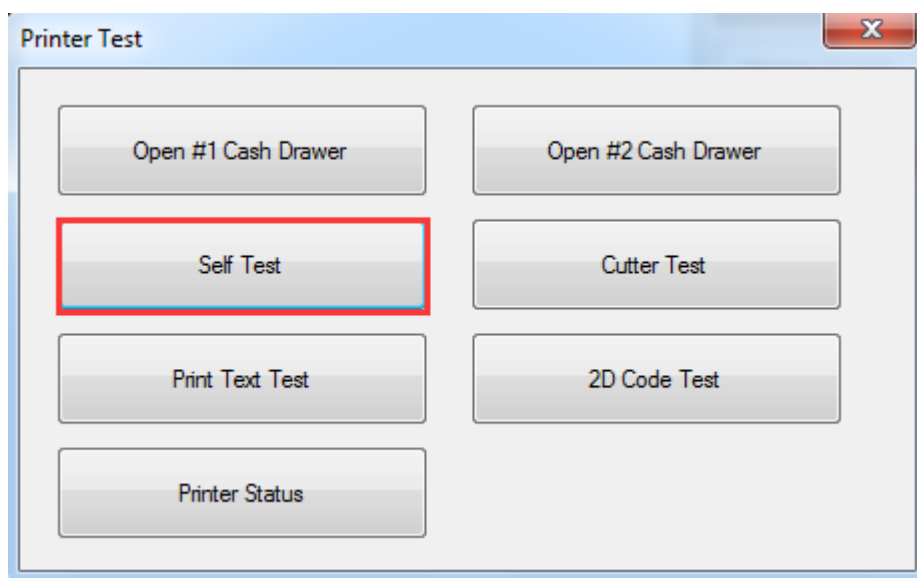
- a. Make sure printer is connected to computer and power on.
- b. Make sure printer is loaded with paper.
- c. Before using the following function, carry out the "Connection Test" first.

- **Printer Test**

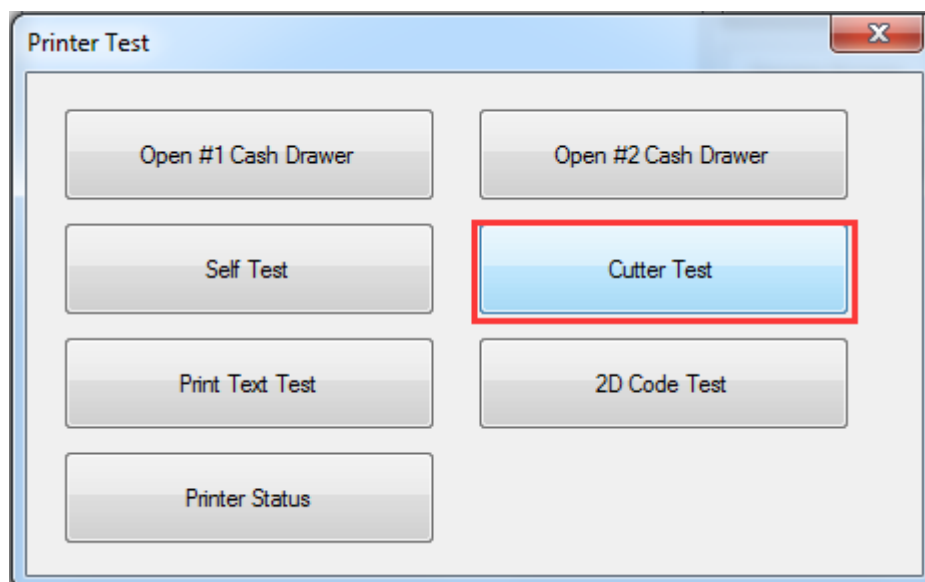
Printer Test contains the following items. Click the button and printer will execute the appropriate action.



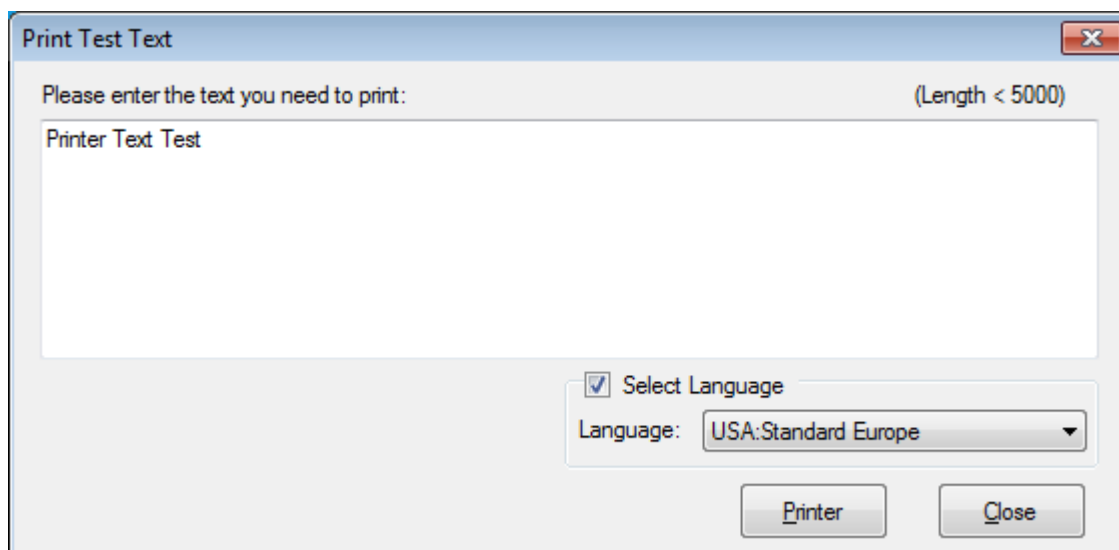
■ Self Test



■ Cutter Test



- Print Test Text (Choose the language as your habit)



The image shows a Windows-style dialog box titled "Print Test Text". It has a standard title bar with a close button (X) in the top right corner. The main area of the dialog contains the instruction "Please enter the text you need to print:" followed by a text box. The text box contains the text "Printer Text Test". To the right of the text box, the text "(Length < 5000)" is displayed. Below the text box, there is a checkbox labeled "Select Language" which is checked. Below the checkbox, there is a label "Language:" followed by a dropdown menu. The dropdown menu currently shows "USA:Standard Europe". At the bottom right of the dialog, there are two buttons: "Printer" and "Close".

Print Test Text

Please enter the text you need to print: (Length < 5000)

Printer Text Test

☒ Select Language

Language: USA:Standard Europe

Printer Close

■2D Code Test (QRCode)

2D Code Test

QRCode

PDF417

Model:

1

Module size:

4

Error correction level:

L 7%

Data:

123456

Print

Close(C)

▲The module size: the largest is 16, the smallest is 1.

▲Error Correction level:

L 7%

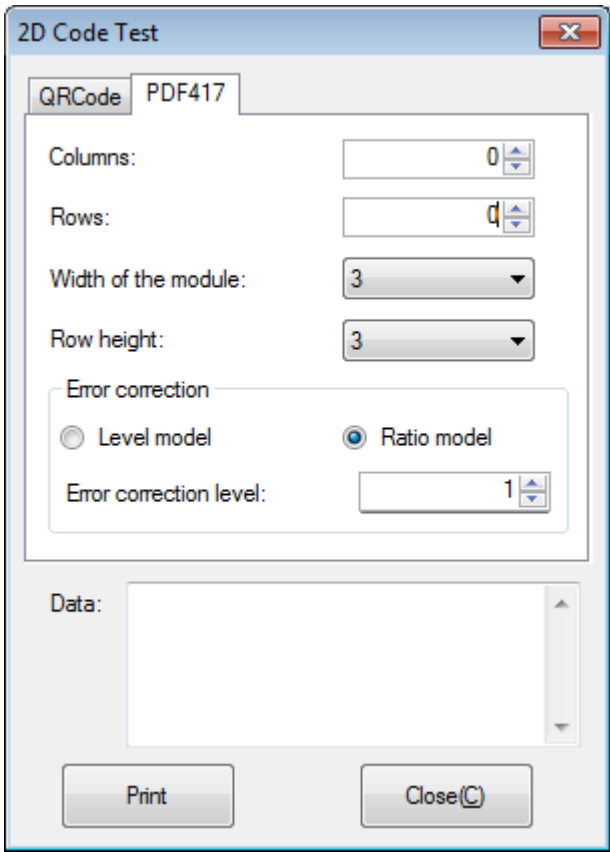
L 7%

M 15%

Q 25%

H 30%

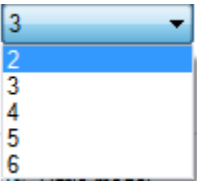
■2D Code Test(PDF417)



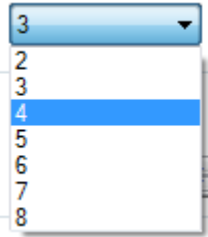
▲Columns: 0~30

▲Rows: 0~90

▲Width of the module: 3~6

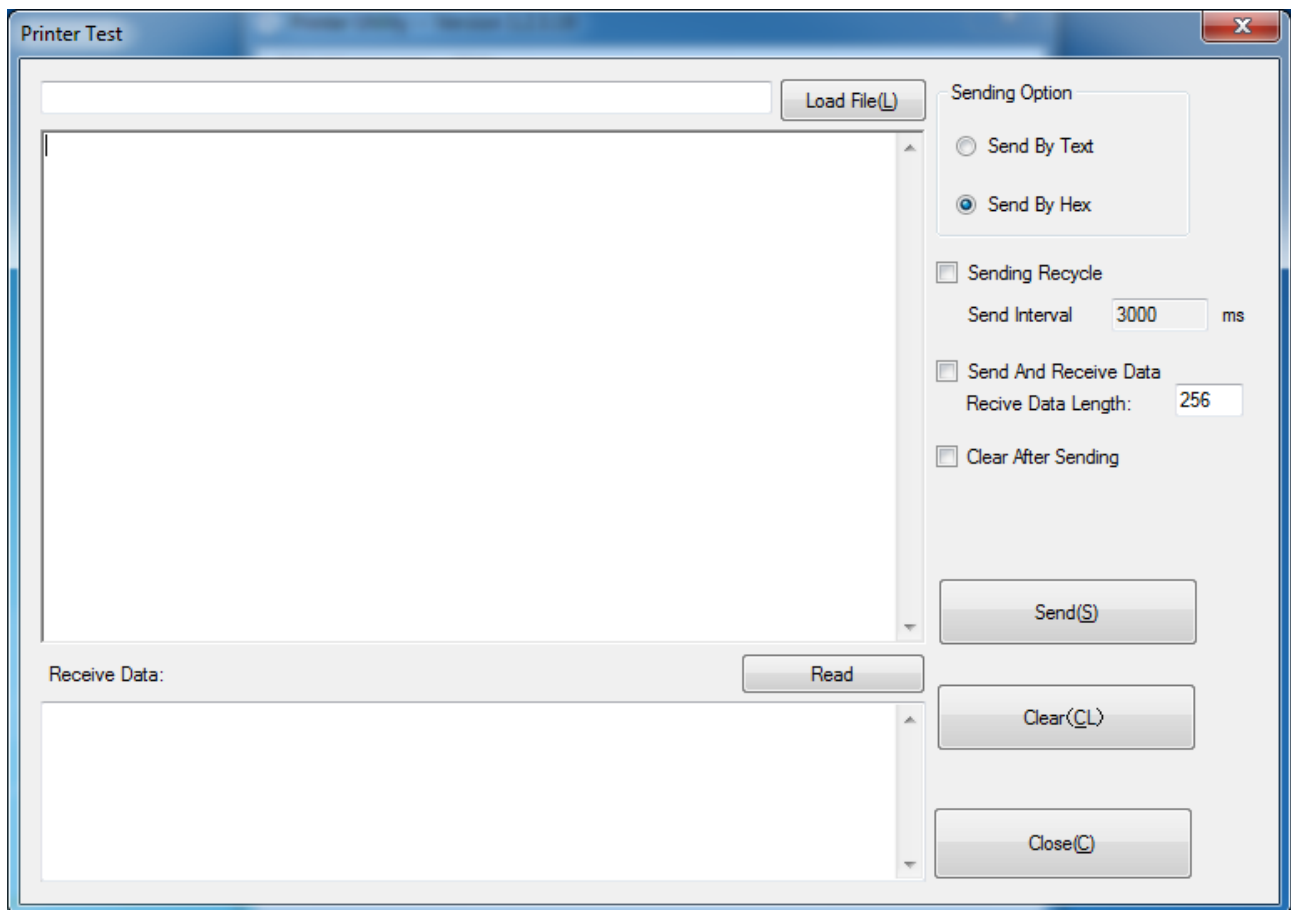


▲Row height: 2~8



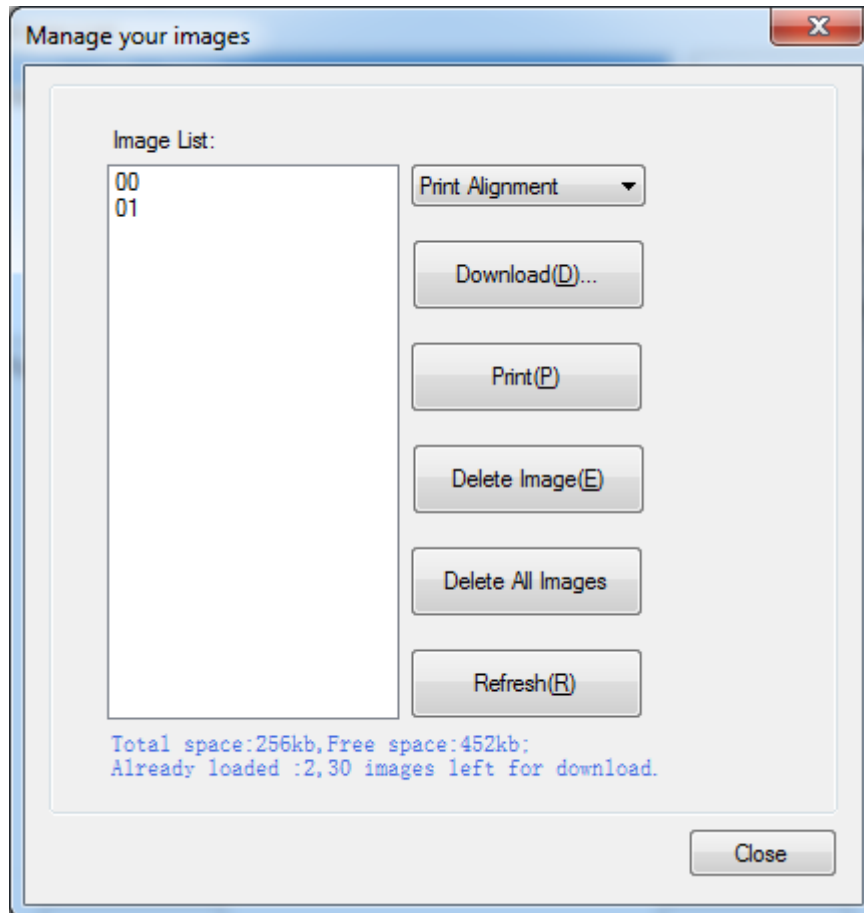
● Command Test

In Command Test, you can send commands to printer. Choose the Text or Hex data. Choose a file from the existing files or input the command in the input box.

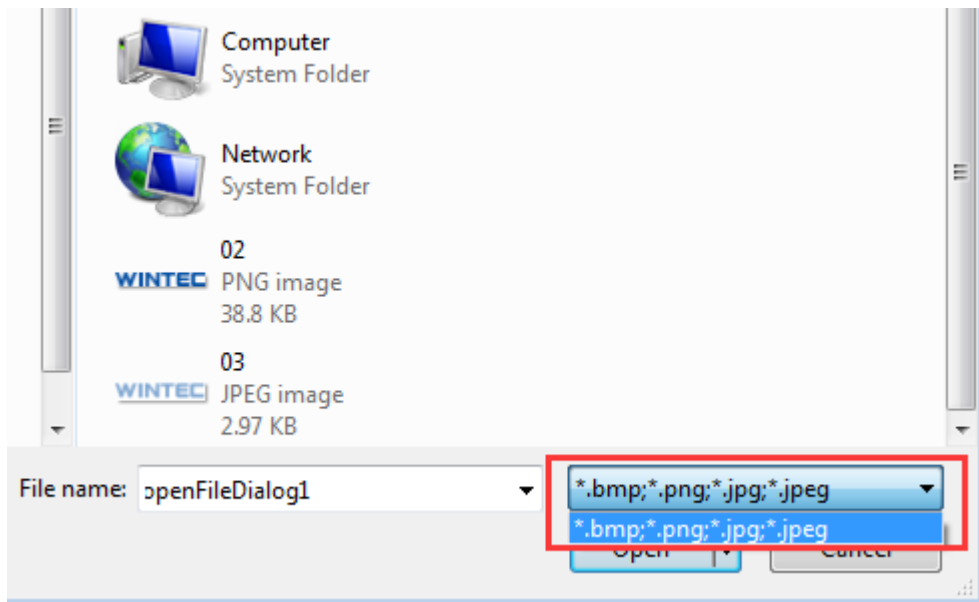
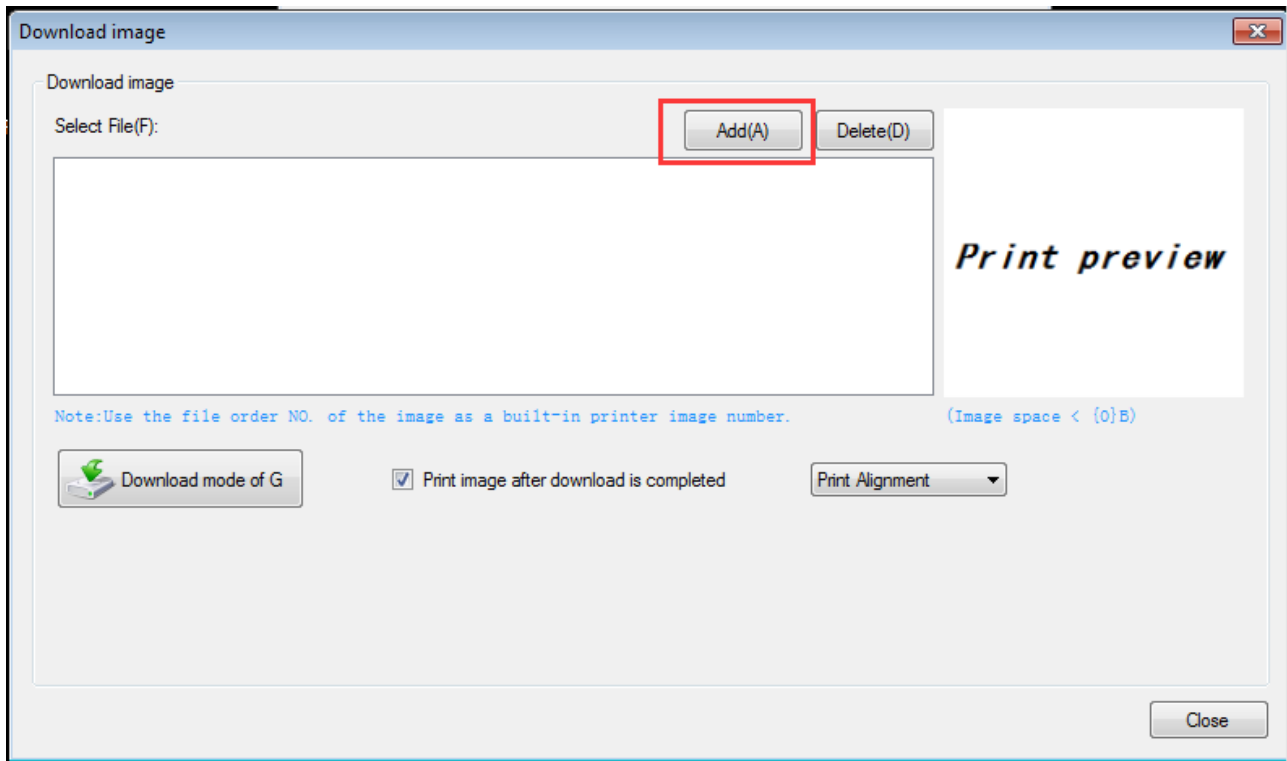


- **Manage Images**

Choose an image in image list. Click "Print" to print it or click "Delete Image" to delete it.



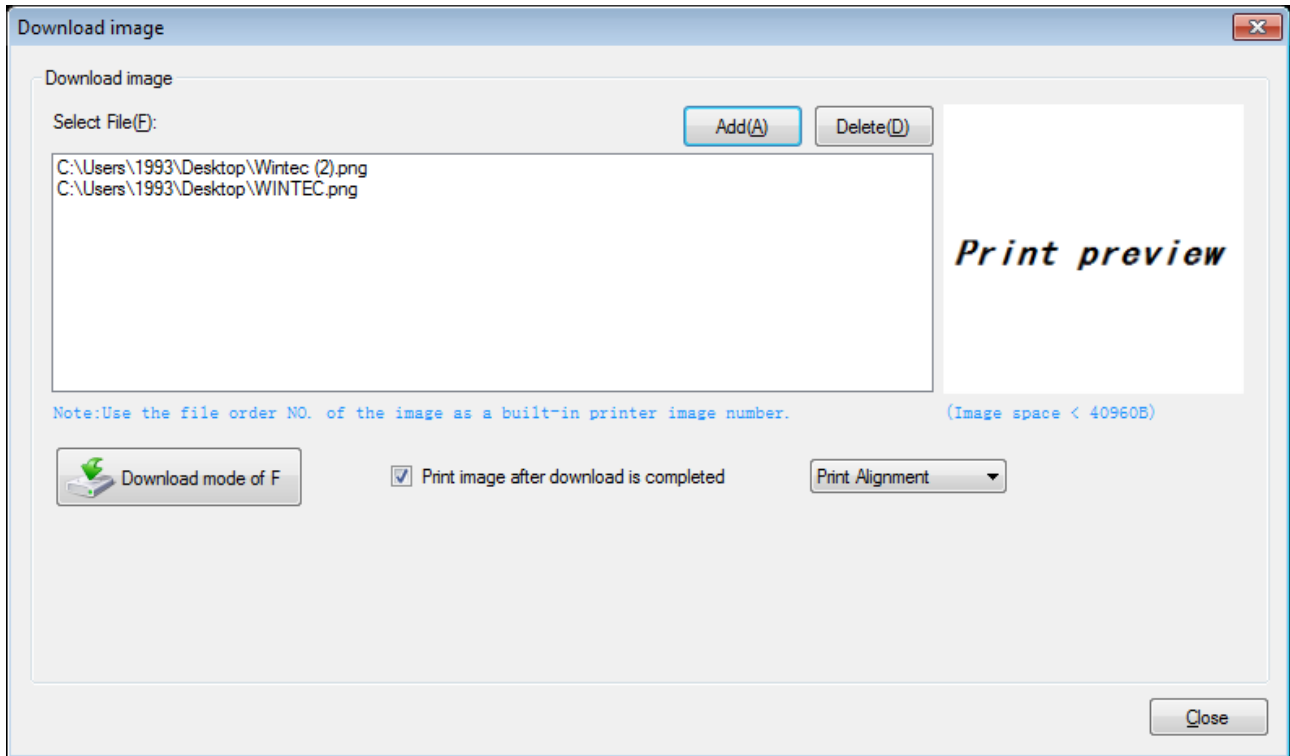
Click "Download", then click "Add" to select a right file.



Note: The total memory is 256K. Each bitmap should be less than 40K.

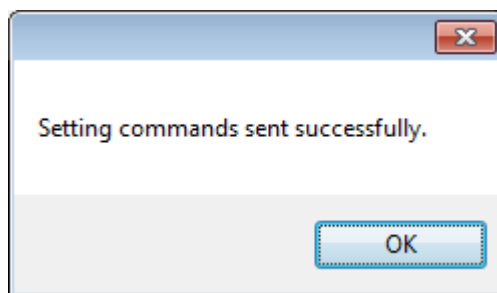
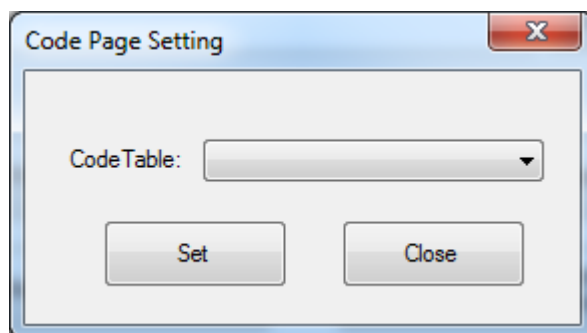
- **Download Image in Compatible Mode**

Download image in compatible mode, then click "Download mode of F" to print.



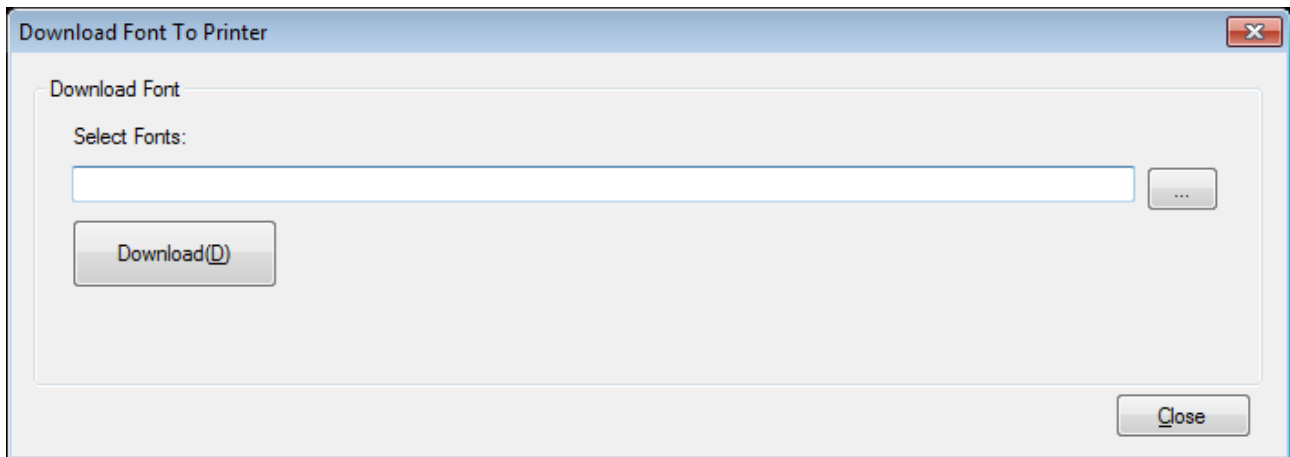
- **Code Page Setting**

Choose the code table from the drop-down menu and click “Set”. After hearing the sound “Beep”, it means set successfully.



- **Download Fonts**

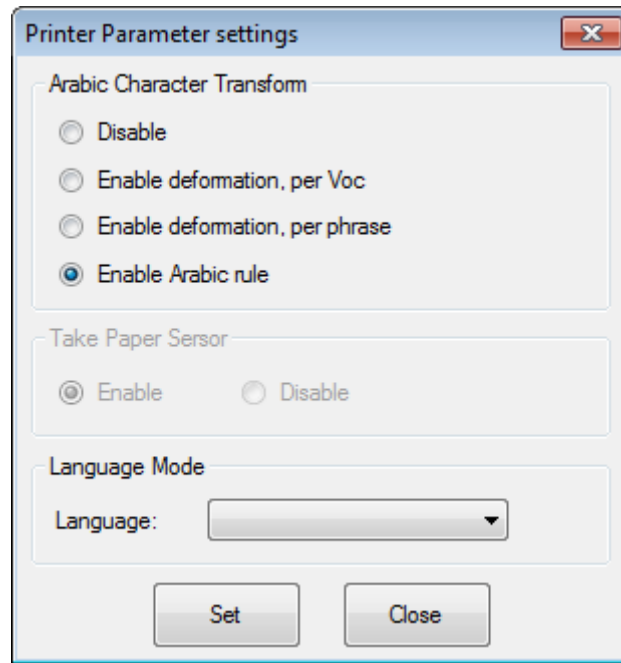
Choose the font from existing files and click “Download”. If you checked “Print Sample Text After Download”, the printer will print the sample text after downloading the font.



Note: this step needs to be restarted to take effect.

● Parameter Setting

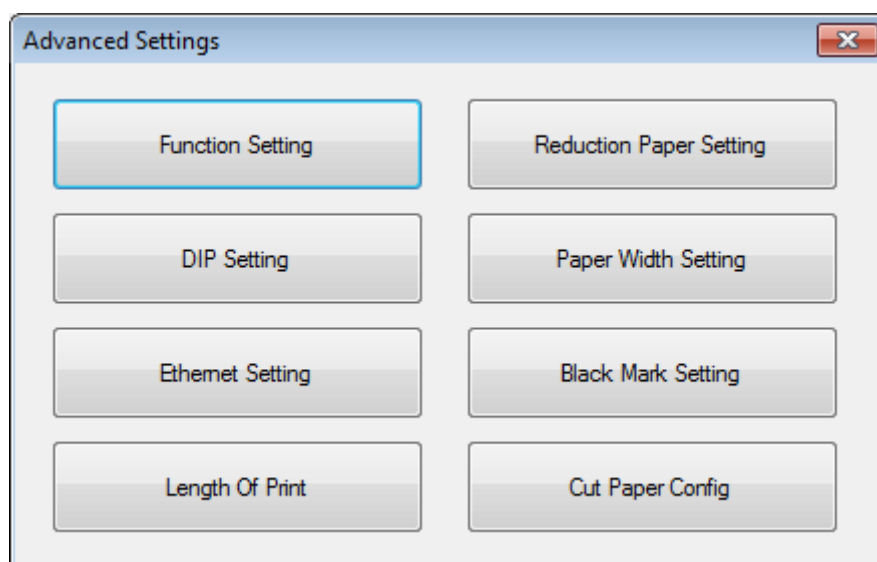
Choose the item to set character transform, right-left print and language mode.



Note: this step needs to be restarted to take effect.

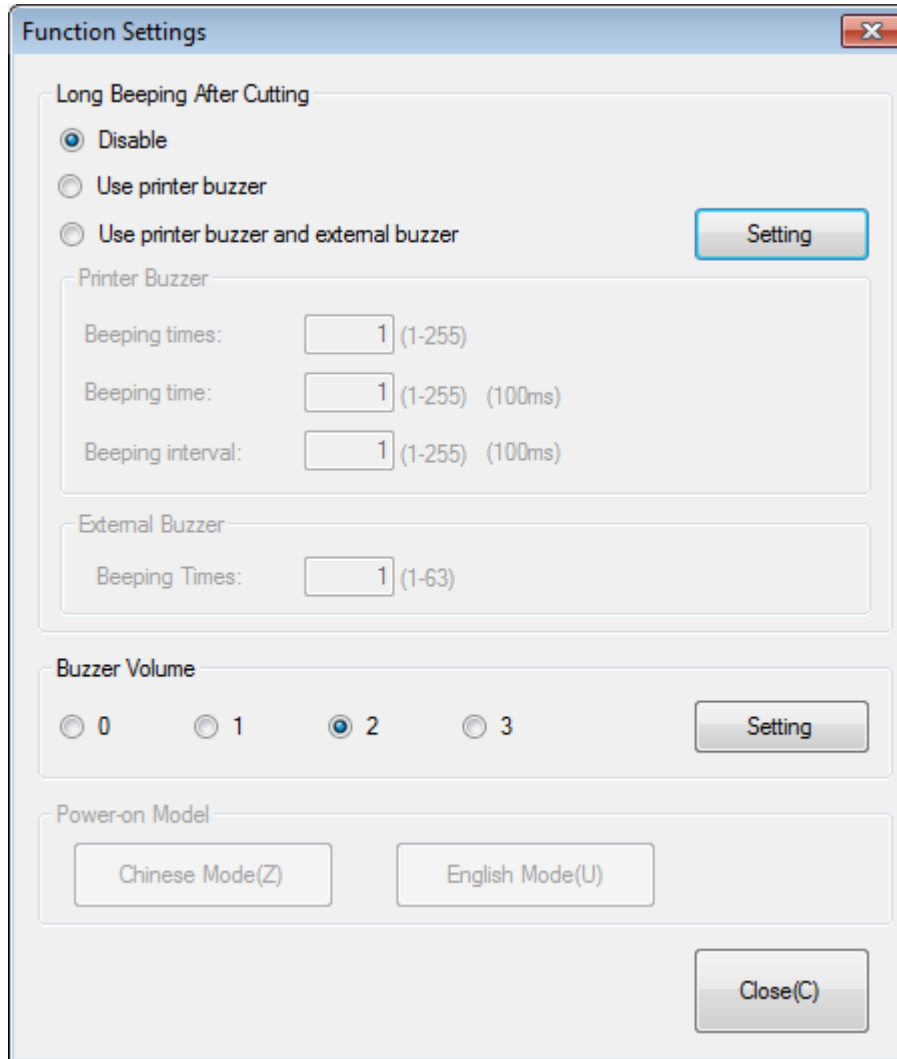
- **Advanced Settings**

Advanced Settings contain following items. Click the button and printer will execute the appropriate action. The change will take into effect after restarting the printer.



◆ Function Setting

Choose the item and click “Setting”.



The image shows a 'Function Settings' dialog box with a title bar containing a close button (X). The dialog is divided into several sections:

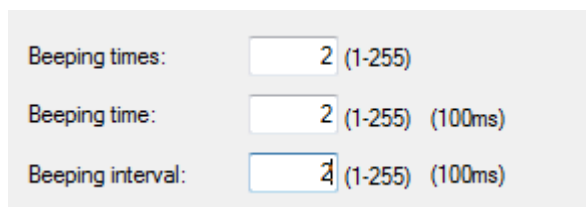
- Long Beeping After Cutting:** Contains three radio buttons: 'Disable' (selected), 'Use printer buzzer', and 'Use printer buzzer and external buzzer'. A 'Setting' button is located to the right of these options.
- Printer Buzzer:** A sub-section containing three input fields:
 - 'Beeping times:' with a value of '1' and a range of '(1-255)'.
 - 'Beeping time:' with a value of '1' and a range of '(1-255) (100ms)'.
 - 'Beeping interval:' with a value of '1' and a range of '(1-255) (100ms)'.
- External Buzzer:** A sub-section containing one input field:
 - 'Beeping Times:' with a value of '1' and a range of '(1-63)'.
- Buzzer Volume:** Contains four radio buttons labeled '0', '1', '2' (selected), and '3'. A 'Setting' button is located to the right.
- Power-on Model:** Contains two buttons: 'Chinese Mode(Z)' and 'English Mode(U)'.

A 'Close(C)' button is located at the bottom right of the dialog box.

▲ Long Beeping After cutting:

- ① **Disable** : there is no sound after cutting
- ② **Use printer buzzer** (The beeping time, times and interval time can be set for what you want, such as 2 seconds, 3 seconds or 4 seconds, etc.):

When cutting one piece of paper each time, the printer will emit the “Beep” for twice, And the beeping time is two seconds and beeping interval is two seconds.



Beeping times: (1-255)

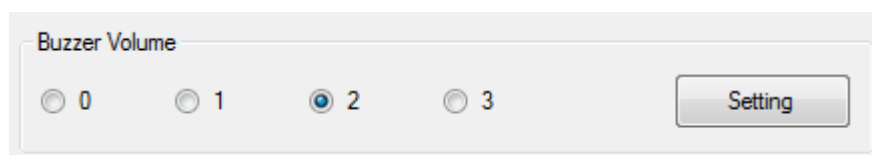
Beeping time: (1-255) (100ms)

Beeping interval: (1-255) (100ms)

- ③ **Use printer buzzer and external buzzer:**

When cutting one piece of paper each time, the printer will emit the “Beep” for once, And the beeping time is one second and beeping interval is one second.

▲ Buzzer Volume:



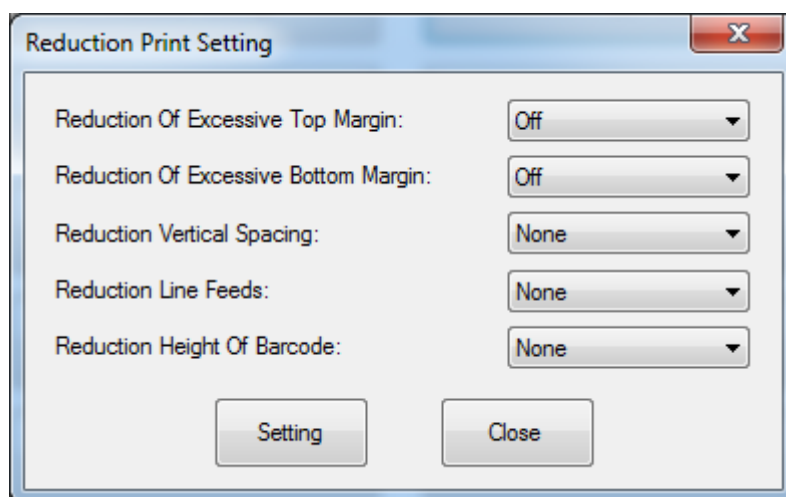
Buzzer Volume

☐ 0 ☐ 1 ☒ 2 ☐ 3

The “0” is the maximum sound, and the “3” the minimum sound.

◆ Reduction Print Setting

Choose the item and click “Setting”.



◆ DIP Setting

Choose the item and click “Write”.

Printer Features settings

Port and switch setting
Port: **Ethernet And COM**

Printer hardware setting

Auto Line Feed <input type="radio"/> Disable <input type="radio"/> Enable	Internal Buzzer Control <input type="radio"/> Disable <input type="radio"/> Enable	Auto Cutter <input type="radio"/> Disable <input type="radio"/> Enable	BUSY Condition <input type="radio"/> Receive Full Buffer <input type="radio"/> Offline
Print Density <input type="radio"/> 1 <input type="radio"/> 3 <input type="radio"/> 2 <input type="radio"/> 4	DPI Mode <input type="radio"/> 180 DPI <input type="radio"/> 203 DPI	Language Mode <input type="radio"/> Chinese,Japanese,Korean Mode <input type="radio"/> Multi-language Mode	

COM Settings

Baud Rate: [] Data Length: [] Parity Check: [] Handshaking: []

Read Write Close

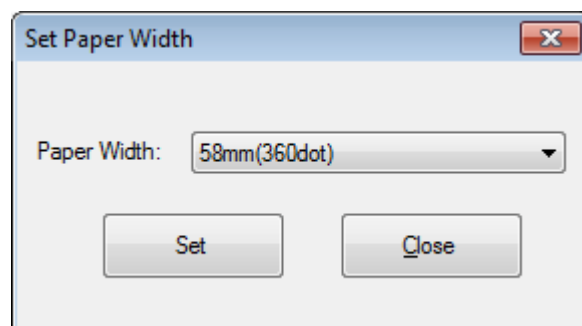
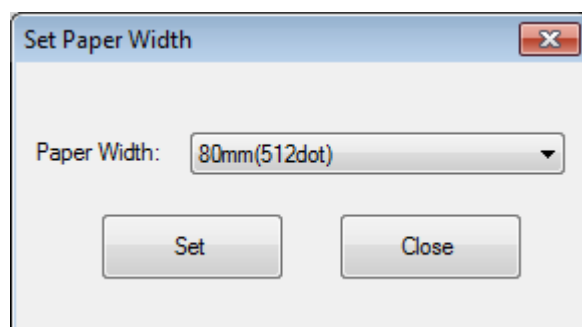
Note: When DIP setting is set in soft, the DIP switch in the bottom of printer is disable.



Note: this step needs to be restarted to take effect.

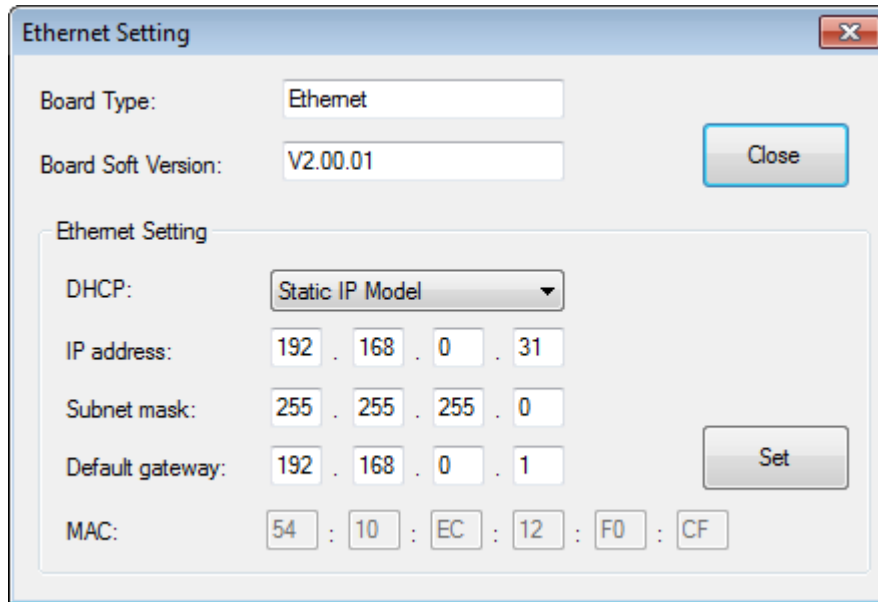
◆ Set Paper Width

Choose the item and click “Set”.

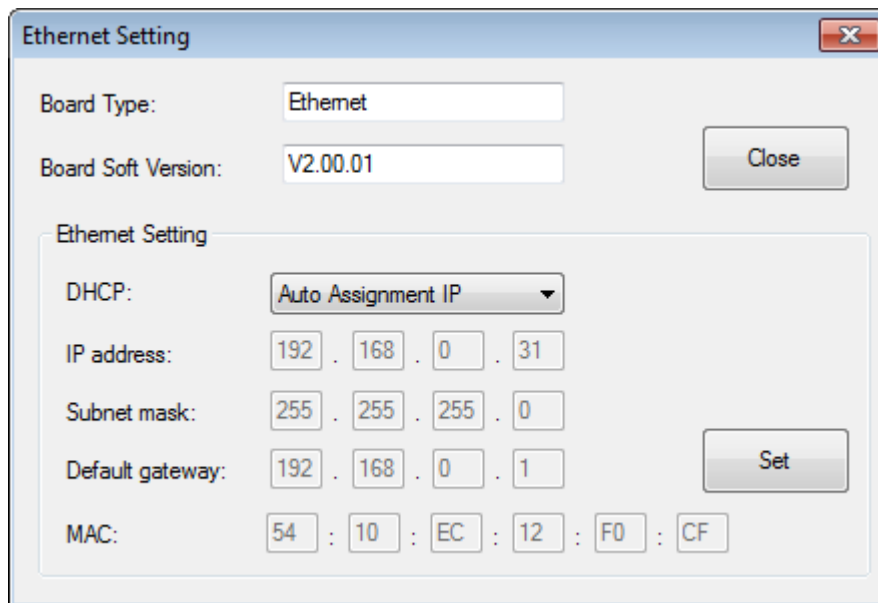


◆ Ethernet Setting

Choose the item and click “Set”.



The screenshot shows the 'Ethernet Setting' dialog box. At the top, 'Board Type' is set to 'Ethernet' and 'Board Soft Version' is 'V2.00.01'. A 'Close' button is on the right. Below, the 'Ethernet Setting' section has a 'DHCP' dropdown menu set to 'Static IP Model'. The 'IP address' is 192.168.0.31, 'Subnet mask' is 255.255.255.0, and 'Default gateway' is 192.168.0.1. The 'MAC' address is 54:10:EC:12:F0:CF. A 'Set' button is located to the right of the gateway field.

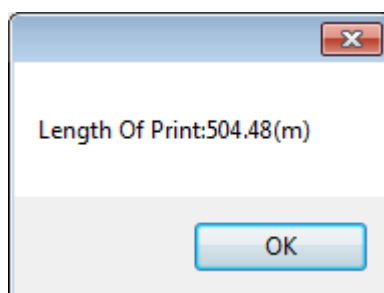


The screenshot shows the same 'Ethernet Setting' dialog box, but the 'DHCP' dropdown menu is now set to 'Auto Assignment IP'. All other fields (IP address, Subnet mask, Default gateway, and MAC address) remain the same. The 'Set' button is still present.

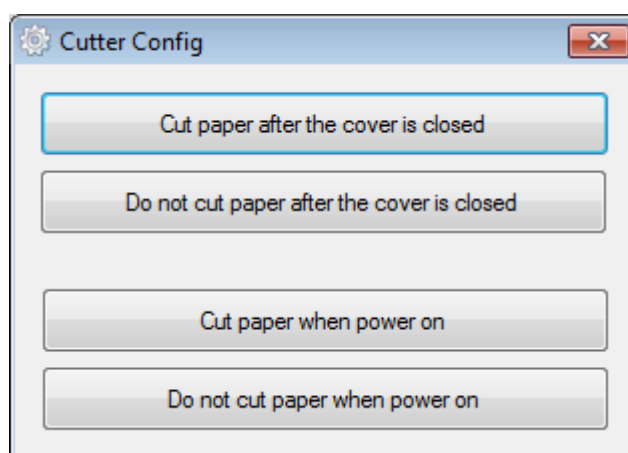


Note: this step needs to be restarted to take effect.

◆ Length of Print



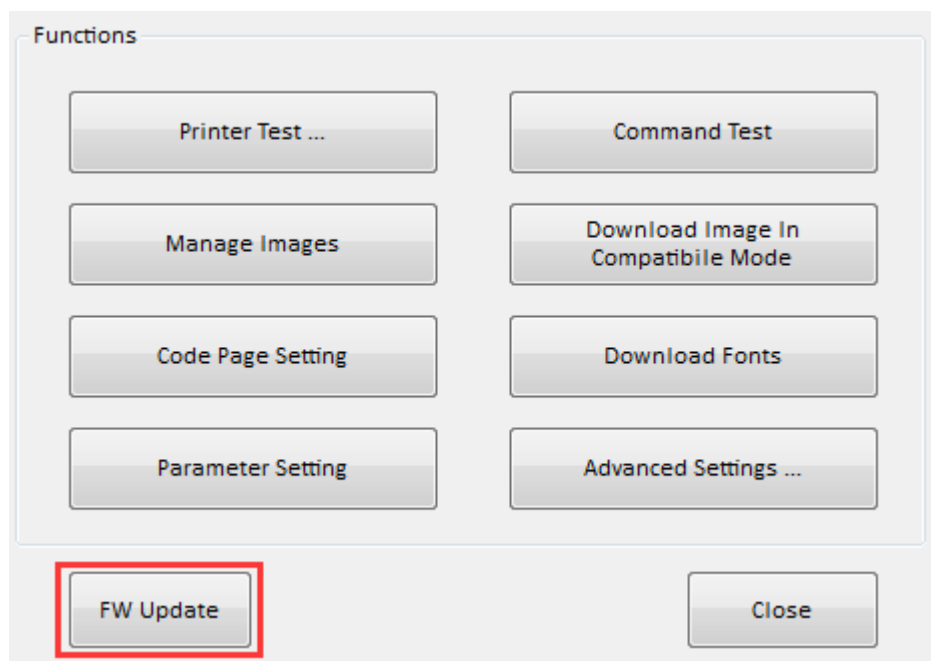
◆ Cut config



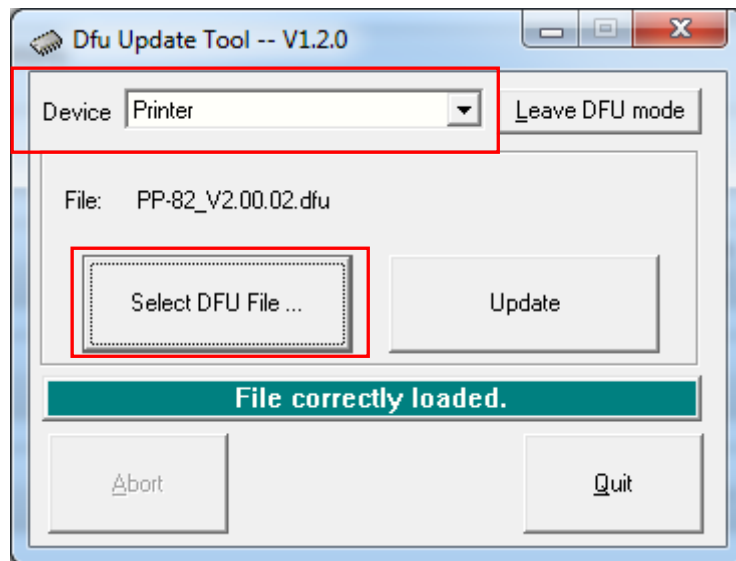
Note: this step needs to be restarted to take effect.

FIRMWARE UPDATE

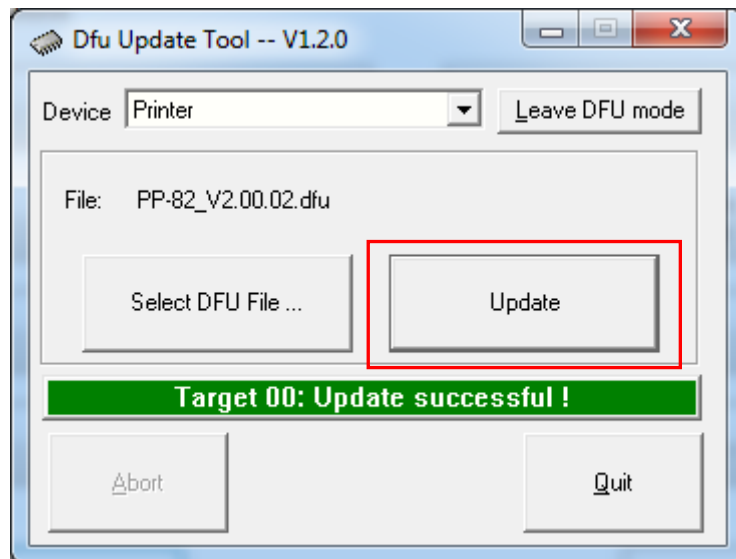
1) Click "FW Update".



2) When this device option appears “Printer”, then select DFU file.



3) Click “Update”. It will load twice.



4) Finally, restart the printer.