

**BIXOLON**

**Software Manual**

# **BIXOLON Utility**

**Windows**

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**Ver. 1.07**

[www.bixolon.com](http://www.bixolon.com)

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# Caution

Some semiconductor devices are easily damaged by static electricity. You should turn the printer "OFF", before you connect or remove the cables on the rear side, in order to guard the printer against the static electricity. If the printer is damaged by the static electricity, you should turn the printer "OFF".

## 1. Introduction

This manual describes how to use the BIXOLON Utility(hereinafter referred to as The Utility). Depending on the printer type or model, the supported menus are different. You can check type(or model) of your printer in Supported Printers.

## 2. Supported OS

The following OS are supported for usage.

Microsoft Windows 7 (32bit/64bit)  
Microsoft Windows 8 (32bit/64bit)  
Microsoft Windows 8.1 (32bit/64bit)  
Microsoft Windows 10 (32bit/64bit)  
Microsoft Windows 11 (64bit)



This utility requires WLAN-related files to run; if it does not start, check that the Windows Wireless LAN Service is installed.

### 3. Supported Printers

POS Printer		
Model	DPI	Max Printable Width
BGT-100P	180 dpi	512 dots
BGT-102P	203 dpi	876 dots
SRP-E300	180 dpi	512 dots
SRP-E302	203 dpi	576 dots
SRP-Q200	203 dpi	434 dots
SRP-Q300	180 dpi	512 dots
SRP-Q300II	203 dpi	576 dots
SRP-Q302	203 dpi	576 dots
SRP-QE300	180 dpi	512 dots
SRP-QE302	203 dpi	576 dots
SRP-S300	203 dpi	576 dots
SRP-380	180 dpi	512 dots
SRP-382	203 dpi	576 dots
SRP-383	300 dpi	864 dots
SRP-380plus	180 dpi	512 dots
SRP-382plus	203 dpi	576 dots
SRP-330II	180 dpi	512 dots
SRP-332II	203 dpi	576 dots
SRP-330III	180 dpi	512 dots
SRP-332III	203 dpi	576 dots
SRP-F310II	180 dpi	512 dots
SRP-F312II	203 dpi	576 dots
SRP-F313II	203 dpi	640 dots
SRP-350III	180 dpi	512 dots
SRP-352III	203 dpi	576 dots
SRP-350plusIII	180 dpi	512 dots
SRP-352plusIII	203 dpi	576 dots
SRP-350V	180 dpi	512 dots
SRP-352V	203 dpi	576 dots
SRP-350plusV	180 dpi	512 dots
SRP-352plusV	203 dpi	576 dots
SRP-340II	180 dpi	512 dots
SRP-342II	203 dpi	576 dots
SRP-B300	203 dpi	576 dots (42CPL: 546dots)
SRP-B300II	180 dpi	512 dots
SRP-S320	203 dpi	576 dots
SRP-S3000	203 dpi	576 dots
SRP-S200	203 dpi	434 dots

## Windows BIXOLON Utility

BK3-3	203 dpi	576 dots
BK3-2	203 dpi	432 dots
BK5-3	203 dpi	576 dots
BK5-4	203 dpi	864 dots
SPP-200	203 dpi	576 dots
G30	203 dpi	576 dots
SRP-S300II	203 dpi	576 dots
SRP-G300	203 dpi	576 dots

Mobile-POS Printer		
Model	DPI	Max Printable Width
SRP-200III	203 dpi	384dot
SRP-R210	203 dpi	384dot
SPP-R220	203dpi	384dot
SPP-R310	203 dpi	576dot
SPP-R318	203 dpi	576dot
SPP-R400II	203 dpi	832dot
SPP-R410	203 dpi	832dot
SPP-R418	203 dpi	832dot
SPP-C200	203 dpi	384dot
SPP-C300	203 dpi	576dot



## Windows BIXOLON Utility

Label Printer				
Model	X Position		Y Position	
	Min	Max	Min	Max
SLP-TX400	0	864	0	Label Length
SLP-TX400R	0	864	0	Label Length
SLP-TX403	0	1248	0	Label Length
SLP-TX403R	0	1248	0	Label Length
SLP-DX420	0	864	0	Label Length
SLP-DX423	0	1248	0	Label Length
SLP-DX220	0	432	0	Label Length
SLP-DX223	0	672	0	Label Length
SLP-TX420	0	864	0	Label Length
SLP-TX423	0	1248	0	Label Length
SLP-TX220	0	432	0	Label Length
SLP-TX223	0	672	0	Label Length
SLP-DL410	0	864	0	Label Length
SLP-DL413	0	1248	0	Label Length
SRP-770III/E770III	0	832	0	Label Length
SRP-S3000_LABEL	0	576	0	Label Length
XT5-40	0	832	0	Label Length
XT5-40NR	0	832	0	Label Length
XT5-43	0	1248	0	Label Length
XT5-43NR	0	1248	0	Label Length
XT5-46	0	2496	0	Label Length
XT5-46NR	0	2496	0	Label Length
XT3-40	0	864	0	Label Length
XT3-43	0	1248	0	Label Length
XD3-40d	0	832	0	Label Length
XD3-40t	0	832	0	Label Length
XD5-40d	0	864	0	Label Length
XD5-43d	0	1248	0	Label Length
XD5-40t	0	864	0	Label Length
XD5-40tR	0	864	0	Label Length
XD5-43t	0	1248	0	Label Length
XD5-43tR	0	1248	0	Label Length
XL5-40CT	0	864	0	Label Length
XL5-43CT	0	1248	0	Label Length
XQ-840II	0	832	0	Label Length
XQ-843II	0	1248	0	Label Length
SRP-770II/E770II	0	832	0	2600
SLP-T400	0	864	0	8000
SLP-T403	0	1248	0	5200
SLP-D420	0	864	0	8000

## Windows BIXOLON Utility

SLP-D423	0	1248	0	5200
SLP-D220	0	432	0	8000
SLP-D223	0	672	0	5200
XF3-40	0	864	0	8000
XD5-40IId	0	864	0	Label Length
XD5-40IIIt	0	864	0	Label Length
XD5-43IId	0	1248	0	Label Length
XD5-43IIIt	0	1248	0	Label Length
XT6-60	0	1344	0	Label Length
XT6-63	0	1984	0	Label Length
BT3-40	0	864	0	Label Length
BT3-43	0	1248	0	Label Length
BT5-40	0	832	0	Label Length
BT5-43	0	1248	0	Label Length
BT5-46	0	2496	0	Label Length
BD5-40d	0	864	0	Label Length
BD5-40t	0	864	0	Label Length
BD5-43d	0	1248	0	Label Length
BD5-43t	0	1248	0	Label Length
XD7-20d	0	432	0	Label Length
XD7-23d	0	672	0	Label Length
XT6-40	0	832	0	Label Length
XT6-43	0	1248	0	Label Length
XT6-46	0	2496	0	Label Length

Mobile-Label Printer				
Model	X Position		Y Position	
	Min	Max	Min	Max
SPP-L3000	0	576	0	Label Length
SPP-L310	0	576	0	Label Length
SPP-L410	0	832	0	Label Length
XM7-40	0	832	0	Label Length
XM7-40R	0	832	0	Label Length
XM7-20	0	384	0	Label Length
XM7-30	0	576	0	Label Length
XM5-30	0	576	0	Label Length

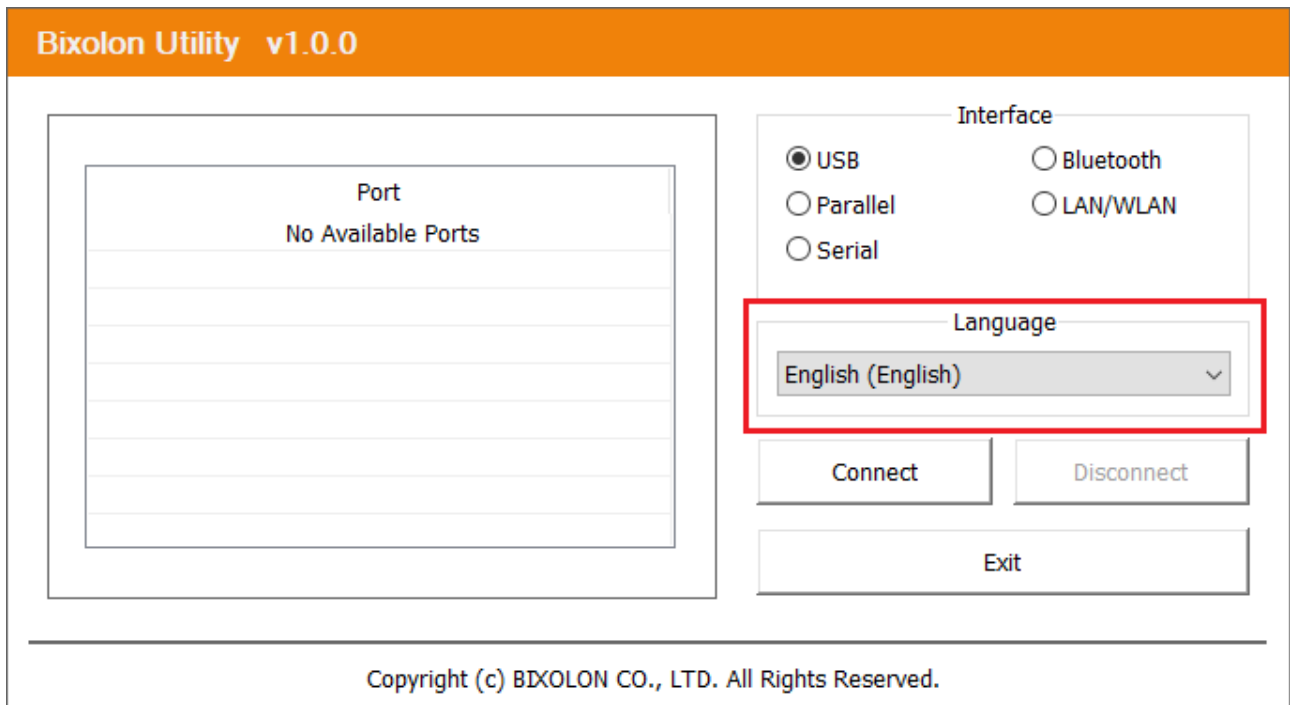
### 4. Ready to use

#### 1. Download the Utility

You can download the latest version of the Utility from [www.bixolon.com](http://www.bixolon.com).

#### 2. The Utility Language Selection

Please select a language.



The screenshot displays the Bixolon Utility v1.0.0 application window. The interface is divided into several sections. On the left, there is a 'Port' selection area with a table that currently shows 'No Available Ports'. On the right, there is an 'Interface' section with radio buttons for USB (selected), Bluetooth, Parallel, LAN/WLAN, and Serial. Below the interface section is a 'Language' dropdown menu, which is highlighted with a red rectangle and currently shows 'English (English)'. At the bottom right, there are 'Connect', 'Disconnect', and 'Exit' buttons. The footer of the window contains the copyright notice: 'Copyright (c) BIXOLON CO., LTD. All Rights Reserved.'

**Bixolon Utility v1.0.0**

Port
No Available Ports

**Interface**

☒ USB ☐ Bluetooth

☐ Parallel ☐ LAN/WLAN

☐ Serial

**Language**

English (English) ▼

Connect Disconnect

Exit

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## 5. Common Guide

### 5-1 Printer Connection Method

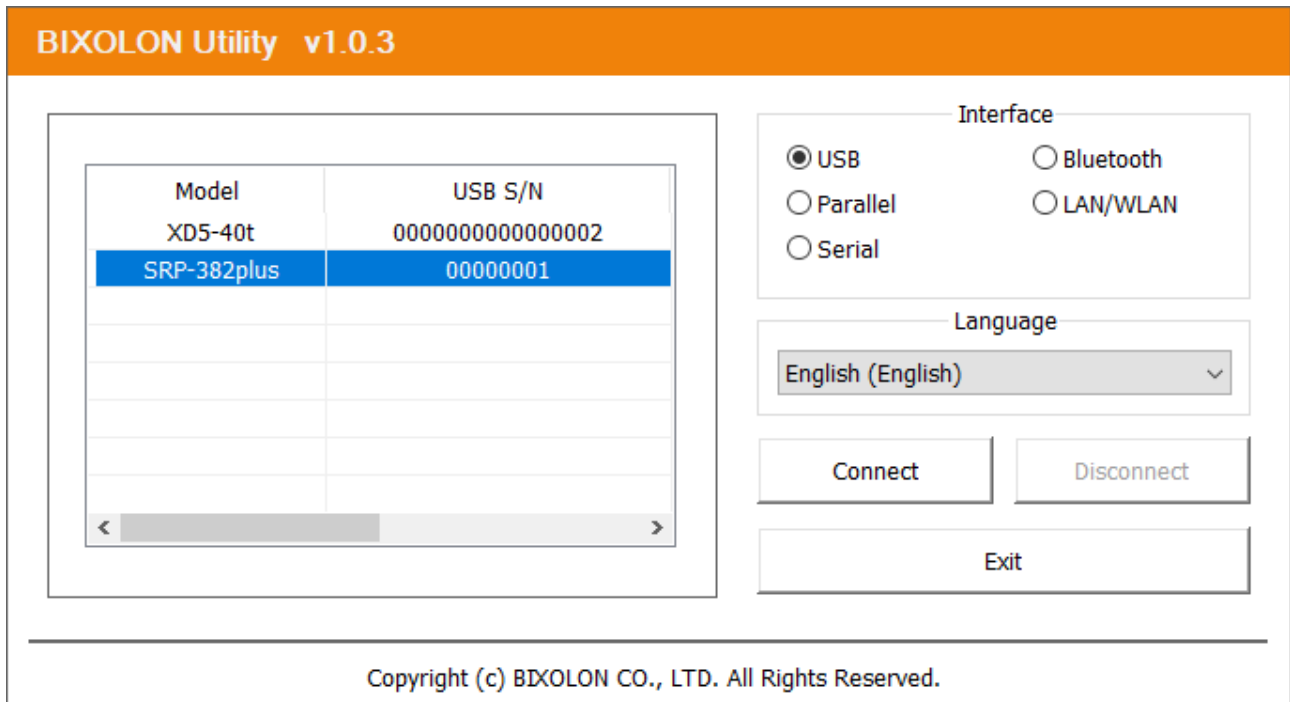
- You can connect to the printer with following interface type.
  - USB
  - Bluetooth
  - Parallel
  - LAN/WLAN
  - Serial



The support interface may vary depending on the printer model.

### 5-1-1 USB

- 1) Connect your printer to host with USB cable.
- 2) Select the USB in the interface menu.
- 3) The available ports appear in the list.
- 4) Double-click the port or click the connect button.



**BIXOLON Utility v1.0.3**

Model	USB S/N
XD5-40t	000000000000000002
SRP-382plus	00000001

Interface

☒ USB ☐ Bluetooth

☐ Parallel ☐ LAN/WLAN

☐ Serial

Language

English (English) ▼

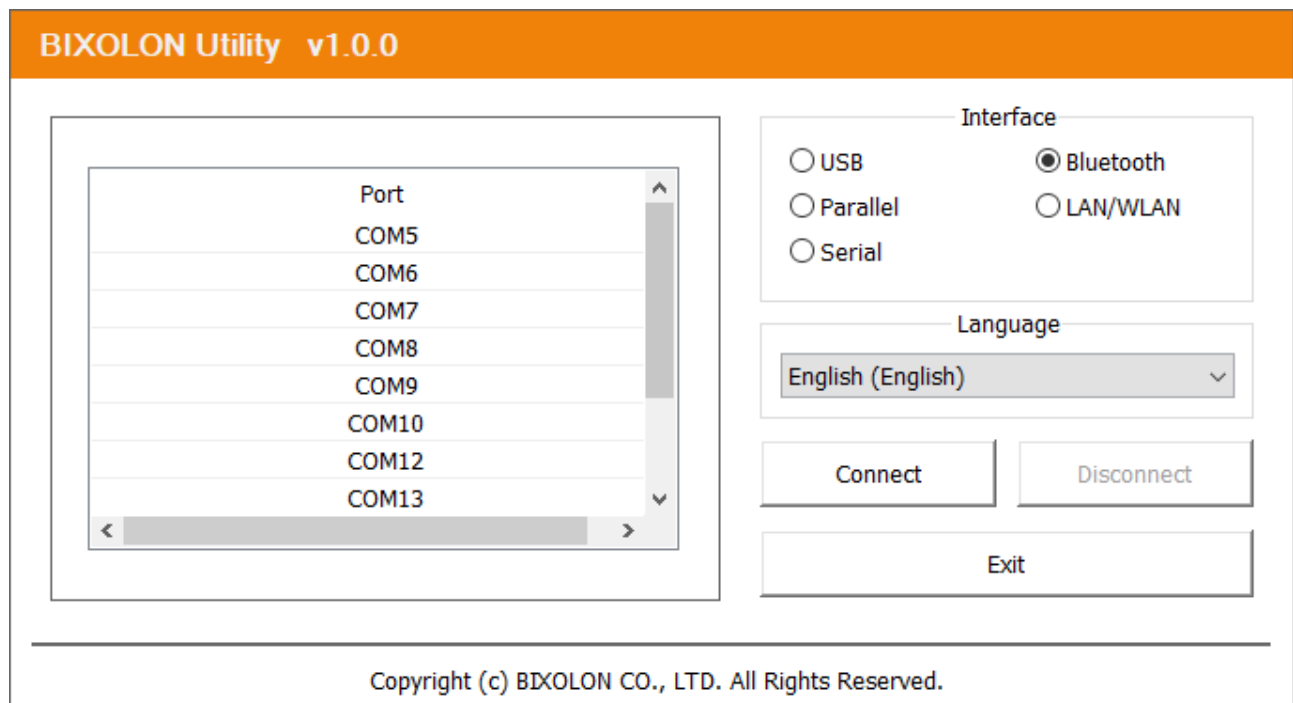
Connect Disconnect

Exit

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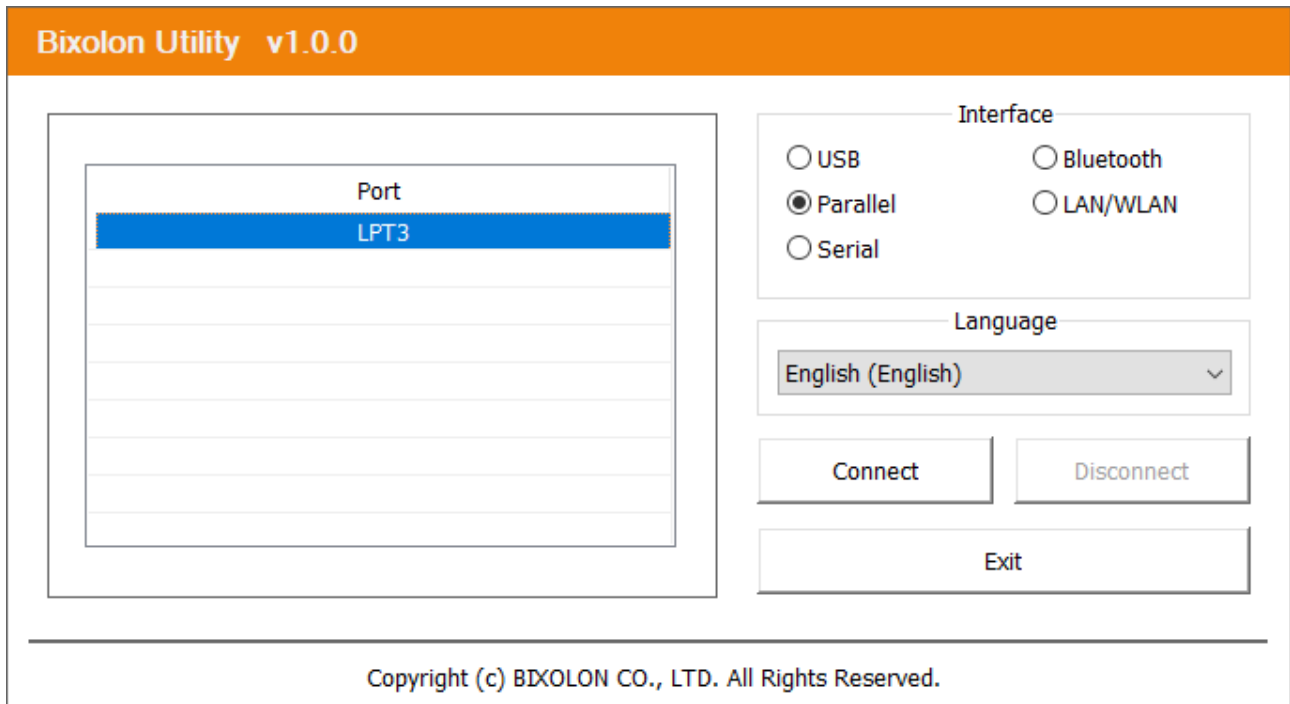
### 5-1-2 Bluetooth

- 1) Add a printer on Add a Bluetooth device menu in Windows.
- 2) Check the COM port of the printer.  
(You can check the port at in Control > Device and printer > Properties > Hardware menu)
- 3) Select the Bluetooth in the interface menu.
- 4) The available ports appear in the list.
- 5) Double-click the port or click the Connect button.



### 5-1-3 Parallel

- 1) Connect your printer to host with Parallel cable.
- 2) Select the Parallel in the interface menu.
- 3) The available ports appear in the list.
- 4) Double-click the port or click the Connect button.



### 5-1-4 LAN/WLAN

- 1) Select the LAN/WLAN in the interface menu.
- 2) Click the Search button.
- 3) Select the item in the list.
- 4) If the Manual button is checked, User can input the IP.

**BIXOLON Utility v1.0.0**

#	IP	MAC	Port
1	192.168.0.8	00:15:94:C8:CA:1F	9100
2	192.168.0.42	00:15:94:E0:D5:CE	9100

☐ Manual

IP : 192 . 168 . 0 . 1

port : 9100

SearchSettingsSWC

Interface

☐ USB☐ Bluetooth☐ Parallel☒ LAN/WLAN☐ Serial

Language

English (English) ▼

ConnectDisconnect

Exit

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### 5-1-5 Serial

- 1) Connect your printer to host with Serial cable.
- 2) Select the Serial in the interface menu.
- 3) Check the COM port number and serial information of the printer.
- 4) Select port options and click the connect button.

The screenshot displays the BIXOLON Utility v1.0.0 software interface. The title bar is orange with the text "BIXOLON Utility v1.0.0". The main window is divided into several sections. On the left, there is a large white box containing serial port configuration options, each with a label and a dropdown menu: "Port : COM1", "Baud Rate : 9600", "Data Bits : 8", "Parity : None", "Stop Bits : 1", and "Flow Control : DTR/DSR". To the right of this box, there is an "Interface" section with four radio button options: "USB", "Bluetooth", "Parallel", and "Serial" (which is selected). Below the interface section is a "Language" section with a dropdown menu showing "English (English)". At the bottom right, there are three buttons: "Connect", "Disconnect", and "Exit". The "Connect" button is highlighted with a blue border. At the very bottom of the window, a horizontal line separates the footer text "Copyright (c) BIXOLON CO., LTD. All Rights Reserved." from the rest of the interface.

**BIXOLON Utility v1.0.0**

Port : COM1

Baud Rate : 9600

Data Bits : 8

Parity : None

Stop Bits : 1

Flow Control : DTR/DSR

**Interface**

☐ USB ☐ Bluetooth

☐ Parallel ☐ LAN/WLAN

☒ Serial

**Language**

English (English)

Connect Disconnect

Exit

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### 5-2 Printer Network Setting

- To configure the **Network settings**, the Ethernet cable should be connected to the Printer while the host (PC) and printer are connected to the same network.  
For configuring the **WLAN settings**, the host and printer should be connected to the same Wi-Fi Access Point or connected to each other using Wi-Fi Direct (P2P).

#### 5-2-1 LAN/WLAN Setting

Network required for communication by searching for printers connected to the same wired/wireless network as the host You can set the information.

1) Please click the Search button.

**BIXOLON Utility v1.0.0**

#	IP	MAC	Port

☐ Manual

IP : 192 . 168 . 0 . 8

port : 9100

SearchSettingsSWC

Interface

☐ USB☐ Bluetooth☐ Parallel☒ LAN/WLAN☐ Serial

Language

English (English) ▾

ConnectDisconnect

Exit

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## Windows BIXOLON Utility

2) The printer(s) that uses the same network at the host is displayed.

**BIXOLON Utility v1.0.0**

#	IP	MAC	Port
1	192.168.0.8	00:15:94:C8:CA:1F	9100
2	192.168.0.42	00:15:94:E0:D5:CE	9100

☐ Manual

IP : 192 . 168 . 0 . 1

port : 9100

Search

Settings

SWC

Interface

☐ USB ☐ Bluetooth

☐ Parallel ☒ LAN/WLAN

☐ Serial

Language

English (English) ▼

Connect Disconnect

Exit

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3) Double-click the item or click the settings button.

**BIXOLON Utility v1.0.0**

#	IP	MAC	Port
1	192.168.0.8	00:15:94:C8:CA:1F	9100
2	192.168.0.42	00:15:94:E0:D5:CE	9100

☐ Manual

IP : 192 . 168 . 0 . 1

port : 9100

Search

Settings

SWC

Interface

☐ USB ☐ Bluetooth

☐ Parallel ☒ LAN/WLAN

☐ Serial

Language

English (English) ▼

Connect Disconnect

Exit

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4) Click the save button after set the options.

LAN/WLAN Configuration

**IP Address Configuration**

☒ Auto(DHCP)

IP  
192 . 168 . 0 . 8

Subnet Mask  
255 . 255 . 255 . 0

GateWay  
192 . 168 . 0 . 1

**Port**  
9100 [0 - 32767]

**Inactivity Time (Sec.)**  
0 [0 - 3600]

Save

Cancel



If DHCP server is not supported, you have to assign IP address manually. Contact your network administrator for the assignable IP address.

Settings	Description			
IP Address Assignment Method	Assign IP address manually or automatically through DHCP. If the network does not support DHCP, you must assign the IP address manually.			
IP Address	This information is required for LAN/WLAN communication and a unique IP address must be entered. The communication port is set to 9100 by default. You have to change the port number via reference below table to use another port.			
Subnet Mask				
Gateway				
Port Number	Port Number	Description	TCP/UDP	Notes
	9100, 6101, 9300	Printing	TCP	Used for printing
	80	HTTP	TCP	Web page
	3337, 9000	Device Management	UDP	Bixolon Device Discovery/Setting
Inactivity Time	If there is no communication between the host and printer during the set period of time, the connection will be closed automatically. If set to 0, this function is disabled.			

## 5-2-2 WLAN Advanced

This menu supports option setting regarding to WLAN.



This menu is available only when the printer is connected to USB.

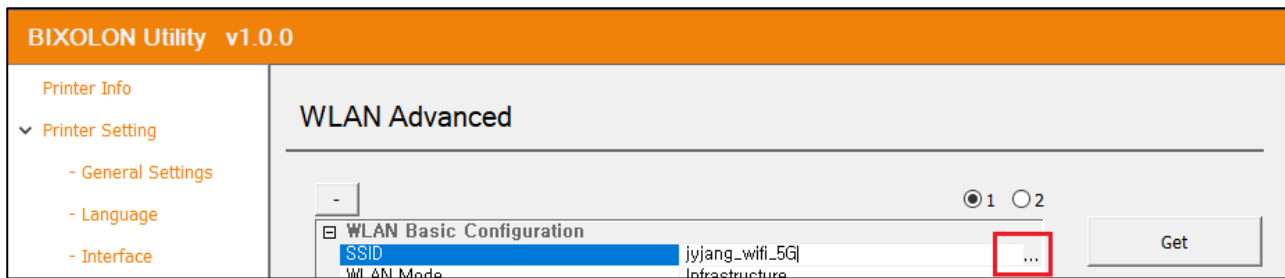
1) Please click the Get button.

The screenshot shows the BIXOLON Utility v1.0.0 interface. On the left is a sidebar menu with options: Printer Info, Printer Setting (expanded), General Settings, Language, Interface, Power, Statistics / USB, WLAN Advanced, Calibration Settings, Print Quality Settings, Downloader, Printer Tool, and Command Test. The main area is titled 'WLAN Advanced' and contains a 'WLAN Basic Configuration' table with two rows: 'SSID' with the value 'jyjang\_wifi\_5G' and 'PSK Key' with the value '\*\*\*\*\*'. To the right of the table is a 'Get' button. Below the table are 'User settings' buttons: 'Save', 'Load', 'Reset', and 'Save'. At the bottom right is a 'Close' button. The footer contains the BIXOLON logo, the copyright notice 'Copyright (c) BIXOLON CO., LTD. All Rights Reserved.', and the 'Close' button.

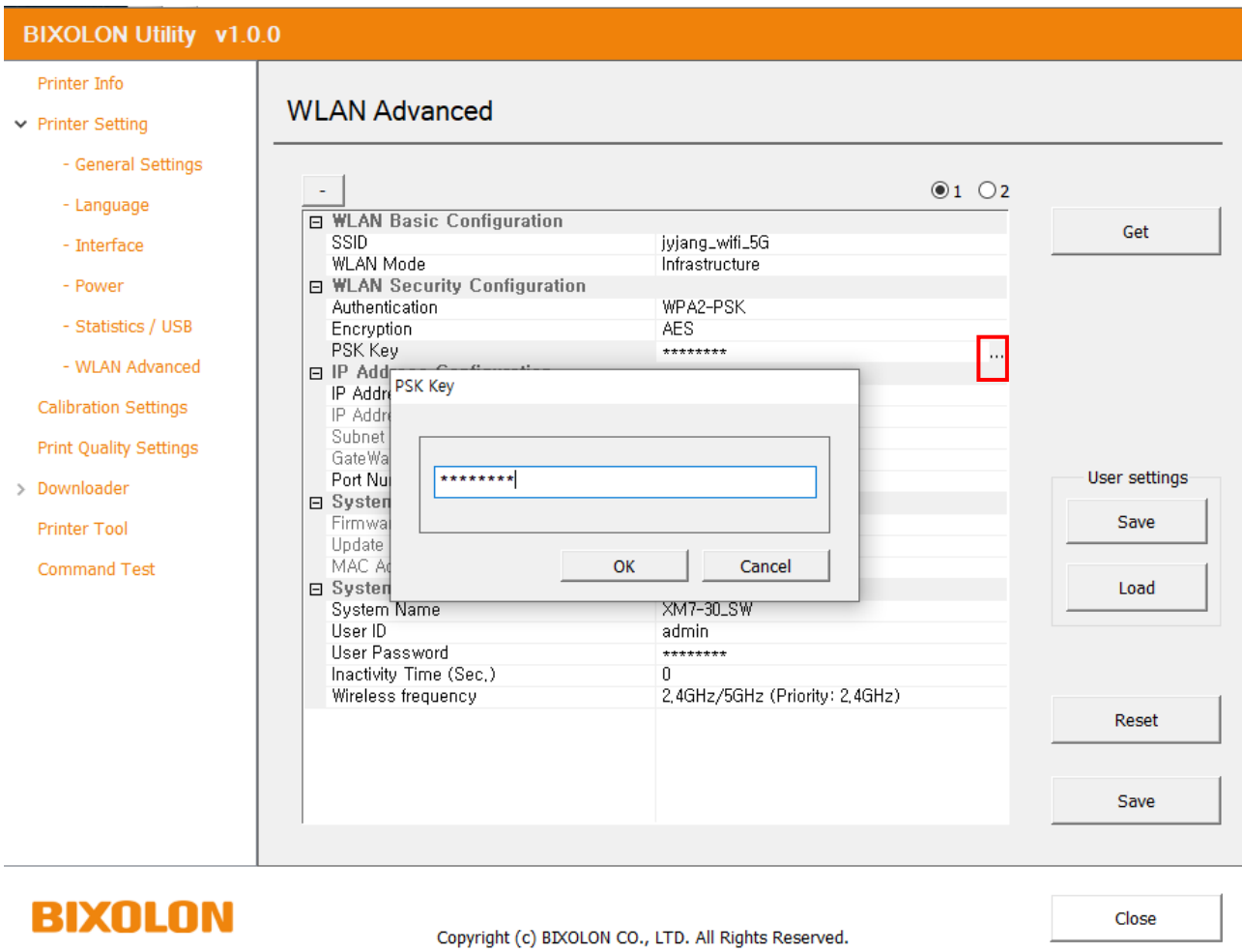
WLAN Basic Configuration	
SSID	jyjang_wifi_5G
PSK Key	*****

Buttons: Get, Save, Load, Reset, Save, Close

2) Please click the button(⋮) and choice the SSID what you want.



3) Please click the button(⋮) and input the SSID Password.



4) Please click the save button after option setting.

5) You can save or load the current settings as a file.

## Windows BIXOLON Utility

WLAN Basic Config.	Description
SSID(Service Set Identifier)	A unique identifier that is included in all data header sent via WLAN. A maximum of 32 characters can be entered.
WLAN Mode	Choose one of the following WLAN connection methods: <ul style="list-style-type: none"><li>- Infrastructure</li><li>- Ad-Hoc</li><li>- Wi-Fi Direct</li><li>- Soft AP (Access Point)</li></ul> ※ Certain models do not support Wi-Fi Direct and Soft AP.
Ad-Hoc Channel	Choose between 1 and 14.
Wi-Fi Direct Channel	Choose 1, 6 or 11.
Wi-Fi Direct PIN Code	Enter 4 or 8 digit number.

WLAN Security	Description
Authentication	Choose one of the following authentication methods: <ul style="list-style-type: none"><li>- Open System</li><li>- Shared Key</li><li>- WPA-PSK</li><li>- WPA2-PSK</li><li>- WPA-EAP</li><li>- WPA2-EAP</li></ul>
Encryption	Choose one of the following encryption methods: <ul style="list-style-type: none"><li>- None</li><li>- WEP-64</li><li>- WEP-128</li><li>- TKIP</li><li>- AES</li><li>- AES + TKIP</li></ul>
WEP-64 Key	Enter 5-letter key or 10-digit hexadecimal number. ※ Only characters that can be entered on the ASCII code table are allowed.
WEP-128 Key	Enter 13-letter key or 26-digit hexadecimal number. ※ Only characters that can be entered on the ASCII code table are allowed.
PSK Key	Enter at least 8-letter key. ※ Only characters that can be entered on the ASCII code table are allowed. A maximum of 63 characters can be entered.
EAP Mode	Choose one of the following EAP Modes: <ul style="list-style-type: none"><li>- EAP-PEAP</li><li>- EAP-TTLS</li><li>- EAP-TLS</li><li>- EAP-LEAP</li><li>- EAP-FAST</li></ul>
EAP ID	Enter a maximum of 32 characters for EAP ID.
EAP Password	Enter a maximum of 32 characters for EAP password.



## Windows BIXOLON Utility

IP Address Configuration	Description				
IP Address Assignment	Assign the IP address manually or automatically through DHCP. If the network does not support DHCP, you have to assign IP address manually.				
IP Address	This information is required for LAN/WLAN communication and unique IP address must be entered. The communication port is set to 9100 by default. You have to change the port number via reference below table to use another port.				
Subnet mask					
Gateway					
Port Number		Port Number	Description	TCP/UDP	Notes
		9100, 6101, 9300	Printing	TCP	Used for printing
		80	HTTP	TCP	Web page
		3337, 9000	Device Management	UDP	Bixolon Device Discovery/ Setting

System Configuration	Description								
System Name	This string indicates the WLAN printer. A maximum of 64 characters can be entered. ※ This string may not be shown in certain printers.								
User ID	User ID and Password are used to access a printer from a web browser. A maximum of 32 characters can be entered.								
User Password									
Inactivity Time	If there is no communication between the host and printer during the set period of time, the connection will be closed automatically. The value can be set between 0 and 3600 seconds (1 hour) by a unit of second. If set to 0, this function is disabled.								
Wireless Frequency	<table> <tr> <td>2.4GHz</td><td>2.4GHz is used for frequency.</td></tr> <tr> <td>5.0GHz</td><td>5.0GHz is used for frequency.</td></tr> <tr> <td>2.4GHz/5.0GHz (Priority: 2.4GHz)</td><td>Both 2.4GHz/5.0GHz are used. (2.4GHz has a higher priority.)</td></tr> <tr> <td>2.4GHz/5.0GHz (Priority: 5.0GHz)</td><td>Both 2.4GHz/5.0GHz are used. (5.0GHz has a higher priority.)</td></tr> </table> <p>※ You may not be able to choose frequency in certain printers.</p>	2.4GHz	2.4GHz is used for frequency.	5.0GHz	5.0GHz is used for frequency.	2.4GHz/5.0GHz (Priority: 2.4GHz)	Both 2.4GHz/5.0GHz are used. (2.4GHz has a higher priority.)	2.4GHz/5.0GHz (Priority: 5.0GHz)	Both 2.4GHz/5.0GHz are used. (5.0GHz has a higher priority.)
2.4GHz	2.4GHz is used for frequency.								
5.0GHz	5.0GHz is used for frequency.								
2.4GHz/5.0GHz (Priority: 2.4GHz)	Both 2.4GHz/5.0GHz are used. (2.4GHz has a higher priority.)								
2.4GHz/5.0GHz (Priority: 5.0GHz)	Both 2.4GHz/5.0GHz are used. (5.0GHz has a higher priority.)								

## Windows BIXOLON Utility

Protocol	Description
HTTPS	HTTPS (Hypertext Transfer Protocol over Secure Socket Layer) is a security enhanced version of HTTP. You can configure WLAN settings using the HTTPS protocol on a web browser. ※ This may not be supported by certain printers.
TELNET	Using the TELNET protocol, you can configure WLAN settings by TELNET interaction. ※ This may not be supported by certain printers.
FTP	Using the FTP protocol, you can configure WLAN settings by editing the file related to WLAN information. ※ This may not be supported by certain printers.
SNMP	MIB-2 (management information base-2) information can be read and written. ※ This may not be supported by certain printers.

SNMP	Description
SNMP Community Name (Read)	This string indicates the name for trap reading.
SNMP Community Name (Write)	This string indicates the name for trap writing.
SNMP Trap Community	This string indicates the name for trap community.
SNMP Trap IP Address	This string indicates IP address for trap Server.

Certificate Upload	Description
Certificate Type	Select the type of certificate to download to the printer. - CA (Certificate Authority) - Client Key - Client PEM
Certificate File	Start downloading by selecting the type of certificate to download to the printer.

Certificate Name	Description
CA	A string representing the name of each downloaded certificate. Each certificate name is a file name used to download the certificate.
Client Key	
Client PEM	

### 5-2-3 Simple Wi-Fi Connect(SWC)

Connect a printer set to Simple Wi-Fi Connect mode (hereinafter SWC mode) to connect the surrounding AP information. You can receive and set the selected AP information to the printer.



To use the Simple Wi-Fi Connect feature, the printer must support the SWC feature and the host (typically a PC) must also support WLAN.

1) Please click the SWC button.

The screenshot shows the BIXOLON Utility v1.0.0 window. On the left, there is a table with columns #, IP, MAC, and Port. Below the table are input fields for IP (192.168.0.1) and port (9100), a 'Manual' checkbox, and buttons for 'Discovery', 'Settings', and 'SWC'. The 'SWC' button is highlighted with a red rectangle. On the right, there are sections for 'Interface' (with radio buttons for USB, Bluetooth, LAN/WLAN, Parallel, and Serial), 'Language' (with a dropdown menu set to 'English (English)'), and buttons for 'Connect', 'Disconnect', and 'Exit'. At the bottom, there is a copyright notice: 'Copyright (c) BIXOLON CO., LTD. All Rights Reserved.'

2) Run SWC Mode after the printer is powered on.

3) Check the SWC Mode status. and click the Wi-Fi Search button.

The screenshot shows the 'Simple Wi-fi Connection' dialog box. It has a title bar 'Simple Wi-fi Connection'. Inside, there is a button labeled 'Wi-Fi Search' which is highlighted with a red rectangle. Below the button is a table with columns #, SSID, Security, and Quality.



When you click the Scan Wi-Fi button, the host attempts to connect to the printer's wireless network.

4) Please select AP item when the list up.

Simple Wi-fi Connection

Wi-Fi Search

#	SSID	Security	Quality
74	jyjang_wifi	WPA2	Excellent
75		WPA2	Excellent
76		WPA2	Poor
77		WEP64	Good
78		WPA2	Excellent
79		WPA2	Good
80		WPA2	Excellent
81		WPA2	Excellent
82		WPA2	Excellent
83		WPA2	Excellent
84		WPA2	Excellent

Model

XM7-40

S/N

STDBCEKS23040002

SSID

jyjang\_wifi

P/W

Security

WPA2

☒ Auto(DHCP)

IP

Subnet Mask

GateWay

Save

Cancel

5) Input SSID password and click the save button.

**Simple Wi-fi Connection**

Wi-Fi Search

#	SSID	Security	Quality
74	ivianq wifi	WPA2	Excellent
75		WPA2	Excellent
76		WPA2	Poor
77		WEP64	Good
78		WPA2	Excellent
79		WPA2	Good
80		WPA2	Excellent
81		WPA2	Excellent
82		WPA2	Excellent
83		WPA2	Excellent
84		WPA2	Excellent

Model

XM7-40

S/N

STDBCEKS23040002

SSID

jyjang\_wifi

P/W

Security

WPA2

☐ Auto(DHCP)

IP

192 . 168 . 0 . 1

Subnet Mask

255 . 255 . 255 . 0

GateWay

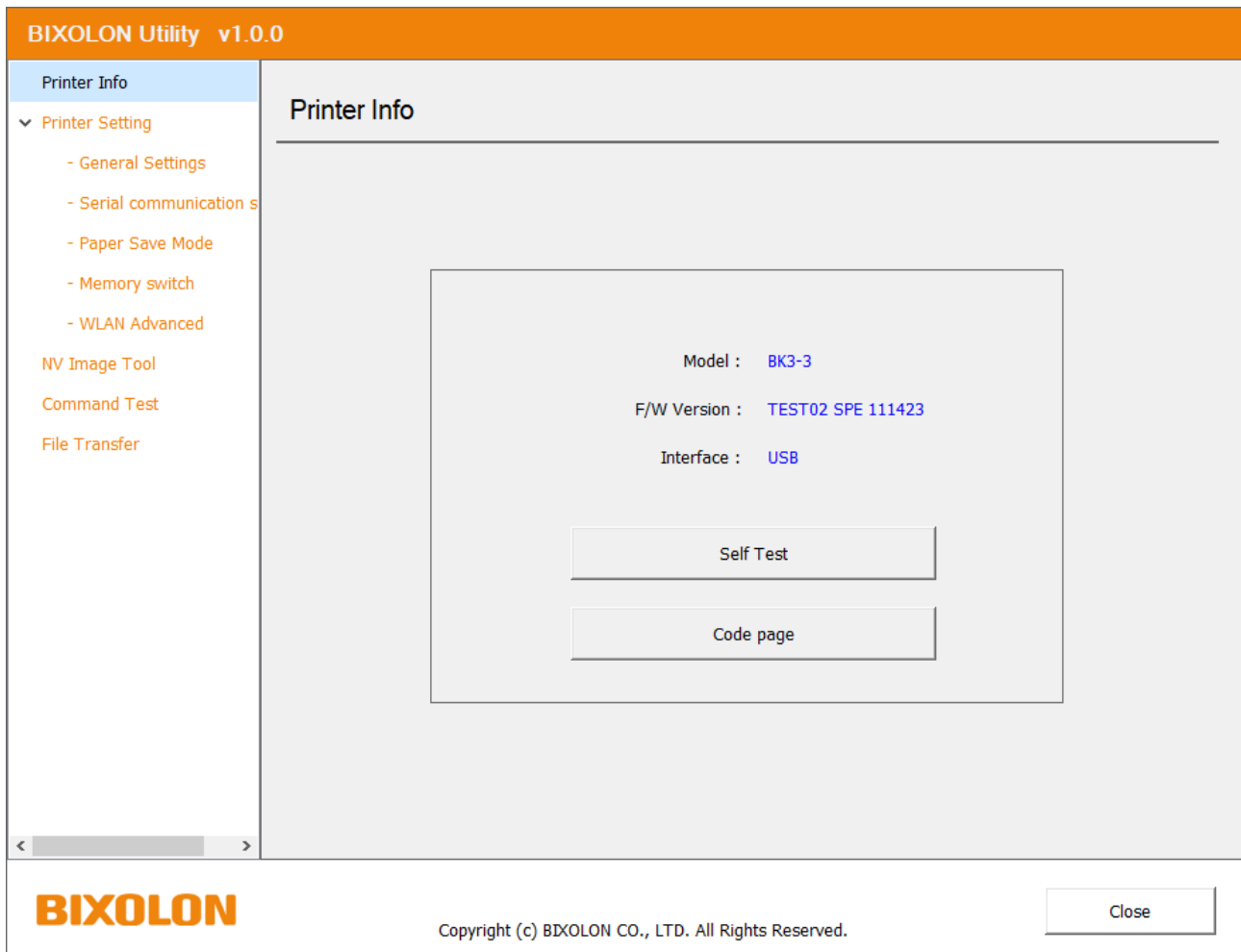
192 . 168 . 0 . 1

Save

Cancel

## 5-3 Printer Info

- This menu supports printer information and print self-test or codepage.



**Printer Type of supports Code page button**  
: POS Printer / POS

## 6. POS Printer Guide

### 6-1 Printer Settings

#### 6-1-1 General Settings

This menu supports general option settings.

**BIXOLON Utility v1.0.0**

Printer Info

▼ Printer Setting

- General Settings
- Serial communication s
- Paper Save Mode
- Memory switch
- WLAN Advanced

NV Image Tool

Command Test

File Transfer

### General Settings

Code page

☐ 1-Byte

☐ 2-Bytes

KS5601(Korean)

Speed

Speed 8 [Default]

Density

Density 4 [Default]

Font

Font A (12x24)

Emulation

Emulation 2

Cutting Mode

Partial cut

Printing width selection

72mm (576dot) [Default]

Printing column selection

48 Column [Default]

Bezel LED setting

ON [While printing, or an error]

Save

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Close



Depending on the printer model, the type, range of options may vary.

Settings	Description
1)Codepage	Printer default codepage
Font	Printer device font
Speed & Density	Printing speed and density
Power Save Mode	Mode and entrance time setting
Cutting Mode	Cutting method after printing
Cutter Depth Adjustment	Length of paper cut after printing
ICS	International Character Set
Set buzzer ctrl after cutting	Whether and how many times the buzzer after cutting
Printing Width Selection	Maximum printable paper width
Printing Column Selection	Maximum printable paper column
Bezel LED Setting	Set bezel LED control
2)Emulation	Printer emulation
3)Char 90° Rotation	Print characters rotated 90° to the right
3)Back-feeding Mode	Back-feeding paper for a certain length before starting printing
4) Auto feed in idle mode	Paper feeding at regular time intervals when in idle mode
4)BM Cutting Position	Set cutting position as default position or BM position
4)Speaker on/off	set the built-in speaker on/off
4)Auto Cali(BM mode)	Automatically detects BM when feeding paper

### 1) Unicode encoding support model

: SRP-380/382/383  
SRP-Q300/302

### 2) Supported Models

: BK3-3, BK3-2, BK5-3, SRP-S3000

If you want to use BIXOLON's S/W, please set it to 'emulation 2'.  
SRP-S3000 model must be rebooted after the emulation has been changed, and the printer type is set based on the emulation.



### 3) Supported models

: SRP-S300L/S300T/S320/SRP-S3000/S200, G30

SRP-S320/S3000/S200 model is not supported Char 90° Rotation.

### 4) Supported models

: SRP-S320/S3000/S200

SRP-S3000 model is only supports Speaker On/Off.



## 6-1-2 Serial setting

This menu supports option setting regarding to Serial interface.

**BIXOLON Utility v1.0.0**

Printer Info

▼ Printer Setting

- General Settings
- **Serial setting**
- Blackmarks setting
- Paper Save Mode
- Memory switch
- WLAN Advanced

NV Image Tool

Command Test

File Transfer

### Serial setting

Setting Method

☐ Memory switch

☒ DIP switch

Baud Rate

115200

Data Bits

8

Parity

NONE

Flow Control

DTR/DSR

Reception Error

Prints?'

Save

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Close

### Supported Models

: SRP-E300/E302, SRP-Q200, SRP-S320, BK3-3, BK3-2, BK5-3, BK5-4  
SPP-200



SRP-S320/S3000/S200, SRP-B300, SRP-380plus/382plus

Reception Error is only supported for BK3-3, BK3-2, BK5-3, BK5-4,  
SPP-200.

## 6-1-3 Bluetooth configuration

This menu supports option settings regarding to Bluetooth configuration.

BIXOLON Utility v1.0.0

Printer Info

▼ Printer Setting

- General Settings

- Serial setting

- Bluetooth configuration

- Blackmarks setting

- Paper Save Mode

- Statistics

- Memory switch

- WLAN Advanced

NV Image Tool

Command Test

File Transfer

Bluetooth configuration

MFi Infomation

F/W Version :

H/W Version :

Protocol String :

Serial Number :

Authentication & Encryption

☐ Enable ☐ Disable

Operating Mode

BT Module Ver.IFJ-B5

Paring Mode :

Role Mode :

Auto Re-Connection

☐ Enable ☐ Disable

Re-Count :

Interval :

Connection Mode

PIN Code

Device Name

Save

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Close

## Windows BIXOLON Utility

Setting	Description
Device Name	Device name displayed during BT pairing
PIN Code	Code required during BT pairing
Authentication & Encryption	If Authentication & Encryption mode is disabled, connection to a device can be done without a Code
Connection Mode	<ul style="list-style-type: none"> <li>- Mode 1: connection possible only with the first device with which connection succeeds</li> <li>- Mode 2: connection with all Bluetooth enabled devices possible via use of a PIN Code</li> <li>- Mode 3: Discovery will be not supported. Use MAC address for connection</li> </ul>
MFi Info.	In case of iOS mode, MFi information will be displayed
Auto Re-Connection	Retry setting on Bluetooth can be enabled when connection is released
Paring mode	<ul style="list-style-type: none"> <li>- PIN Code: When BT pairing, uses PIN Code exchange</li> <li>- SSP(Just works): When BT pairing, uses SSP mechanism</li> <li>- SSP(Numeric Comparison): When BT pairing, uses SSP which is added Numeric Comparison step.</li> <li>* SSP(Simple Secure Paring)</li> </ul>
Role Mode	<ul style="list-style-type: none"> <li>- Classic</li> <li>- BLE(Bluetooth Low Energy)</li> <li>- Classic &amp; BRD</li> </ul>

### **Supported Models**

: SRP-350IIIBE, SRP-350plusIII/352plusIII/350plusV/352plusV, SRP-380/382/383/380plus/382plus, SRP-F310II/F312II/F313II, SRP-Q300/Q302/Q200, SRP-Q300II, SRP-S300/S320, G30



### **Supported models for BT paring mode and role mode**

(BT module Ver. IFJ-Ba)

SRP-350plusIII/352plusIII/350plusV/352plusV, SRP-Q300/Q302, SRP-Q300II, SRP-S300/S320, SRP-380plus/382plus, G30

## 6-1-4 Blackmarks setting

This menu supports option settings regarding to Blackmark.

**BIXOLON Utility v1.0.0**

Printer Info

▼ Printer Setting

- General Settings
- Serial setting
- Blackmarks setting
- Paper Save Mode
- Memory switch
- WLAN Advanced

NV Image Tool

Command Test

File Transfer

### Blackmarks setting

Auto-load powering on

☐ Default

☒ 1st Memory

(mm)

Length between Blackmark

177

Cutting position after Blackmark

0 (-19 ~ 177)

Blackmark sensor

Left [Default]

Reset Save

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Close

### Supported Models

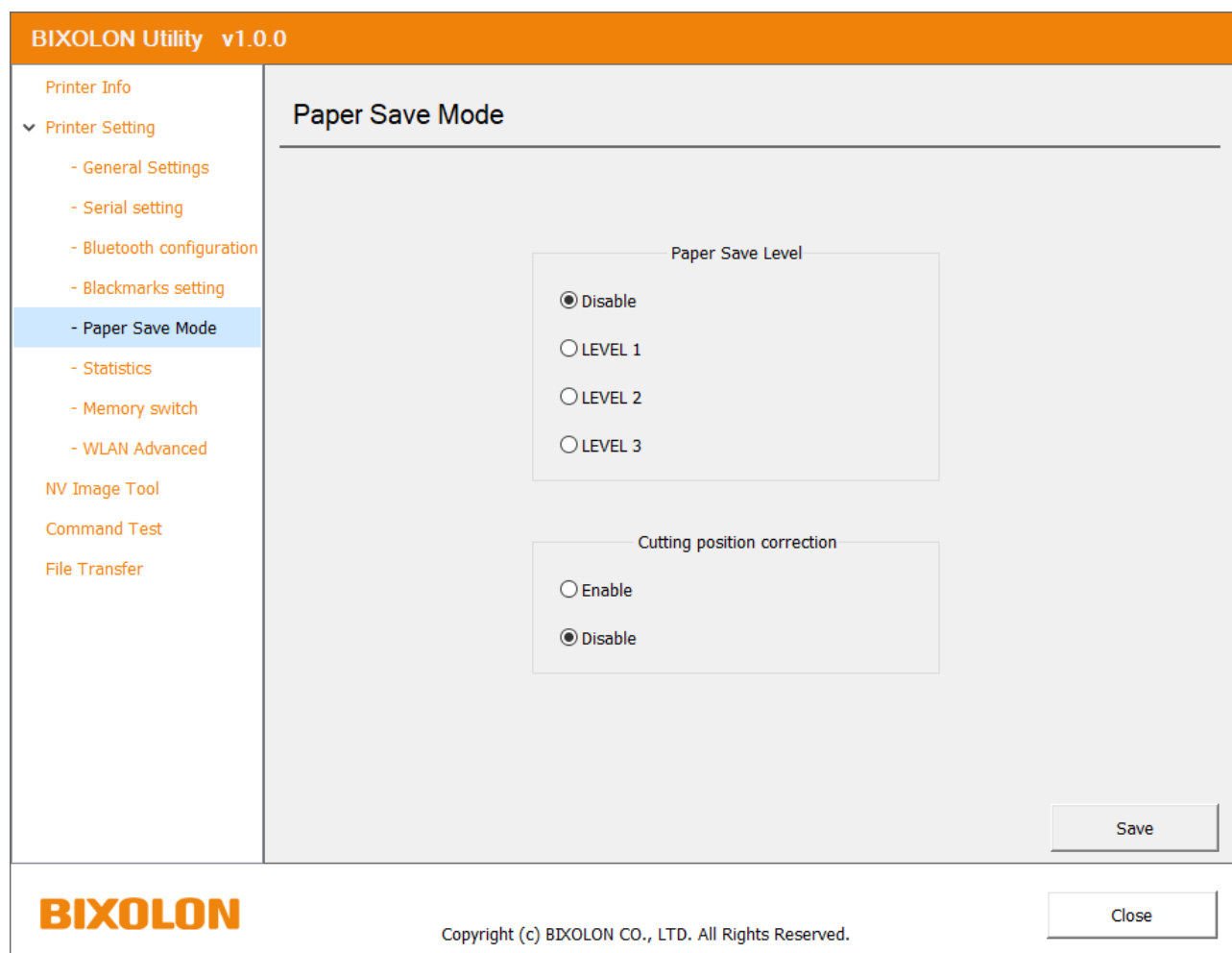
: BK3-3, BK3-2, BK5-3, BK5-4



For BK3-3, BK3-2 models, this menu is only available in Blackmark mode (DIP Switch 1-4 On), and only 'Auto-load powering on' options can be set.

## 6-1-5 Paper Save Mode

This menu supports option settings regarding to Paper Save Mode.



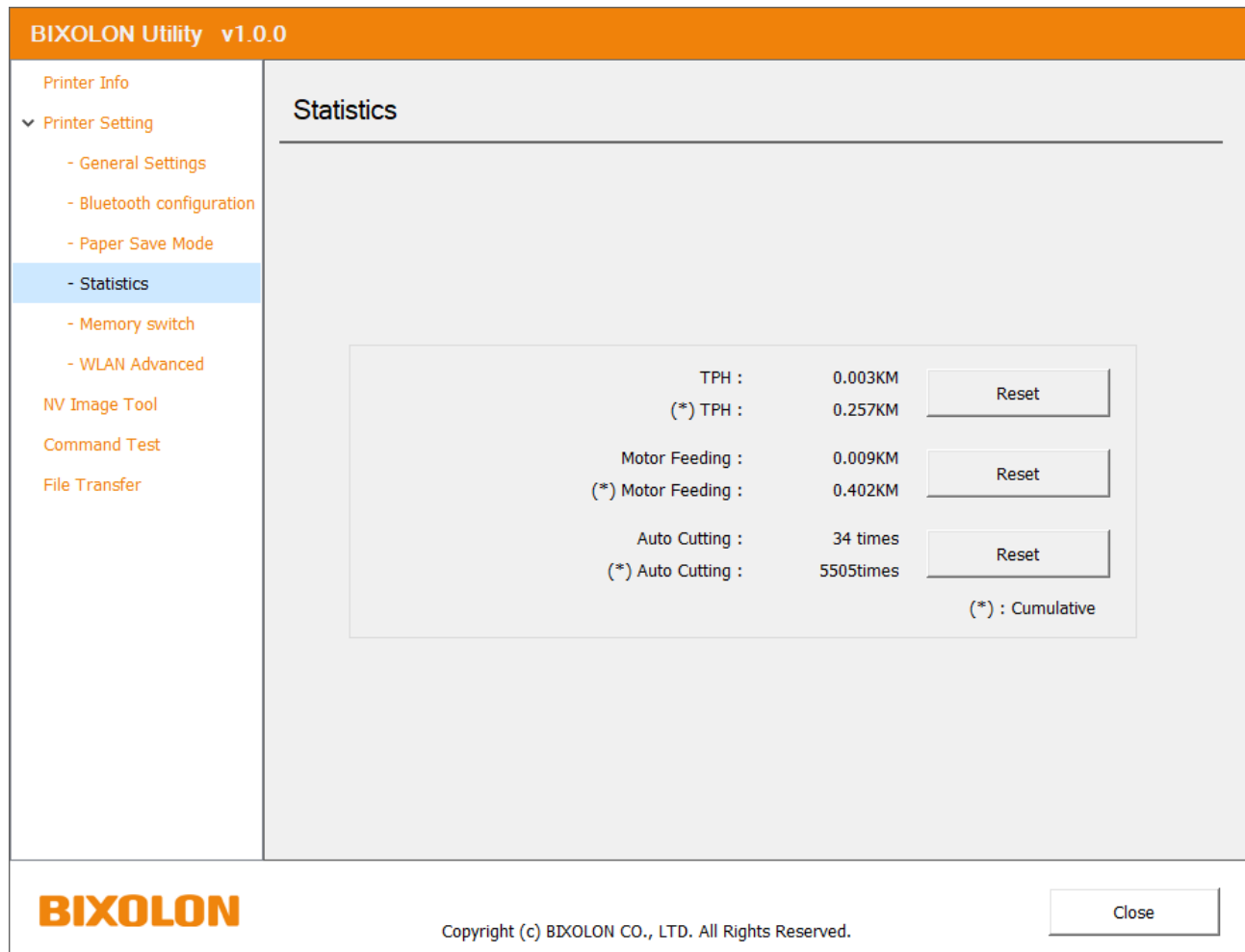
### Supported Models

: BGT-100P/102P, SRP-330II/332II/330III/332III, SRP-340II/342II, SRP-350III/352III/350V/352V, SRP-350plusIII/352plusIII/350plusV/352plusV, SRP-380/382/383/380plus/382plus, SRP-E300/E302, SRP-F310II/F312II/F313II, SRP-Q300/Q302/Q200, SRP-QE300/QE302, SRP-Q300II, SRP-S300/S320/S3000/S200, G30, BK3-3, BK3-2, BK5-3, BK5-4, SPP-200, SRP-B300



## 6-1-6 Statistics

This menu supports check or reset the data such as motor feeding, auto cutting.



Depending on the printer model, the screen UI may vary, and some models can initialize data.



### Supported models for menu

: SRP-F310II/F312II/F313II, SRP-Q300/Q302, SRP-QE300/QE302  
SRP-380/382/383, SRP-Q300II

### Supported models for Reset button

: SRP-S320, SRP-380plus/382plus

## 6-1-7 Memory Switch

This menu supports virtual memory switch setting and option save as file.

**BIXOLON Utility v1.0.0**

Printer Info

▼ Printer Setting

- General Settings
- Serial setting
- Bluetooth configuration
- Blackmarks setting
- Paper Save Mode
- Statistics
- **Memory switch**
- WLAN Advanced

NV Image Tool

Command Test

File Transfer

### Memory switch

[PIN 1] Print Speed (Set in Printer Setting Tab)	Disable ▼
[PIN 2] Print Speed (Set in Printer Setting Tab)	Disable ▼
[PIN 3] Print Speed (Set in Printer Setting Tab)	Disable ▼
[PIN 4] Reserved	Disable ▼
[PIN 5] Reserved	Disable ▼
[PIN 6] Print Density (Set in Printer Setting Tab)	Disable ▼
[PIN 7] Print Density (Set in Printer Setting Tab)	Disable ▼
[PIN 8] Print Density (Set in Printer Setting Tab)	Disable ▼

<< 1 >>

User settings

Save Load

Reset Save

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Close

### 1. User settings

User can save the option as file or load.

### 2. Reset

User can reset the memory switch.

## 6-1-8 Serial Number

This menu supports setting the Product or USB serial number.

The screenshot shows the 'BIXOLON Utility v1.0.5' window. On the left is a sidebar menu with 'Printer Info' at the top, followed by a collapsed 'Printer Setting' section. Under 'Printer Setting', there are several options: '- General Settings', '- Paper Save Mode', '- Statistics', '- Memory switch', '- WLAN Advanced', and '- Serial Number' (which is highlighted in blue). Below these are 'NV Image Tool', 'Command Test', and 'File Transfer'. The main area of the window is titled 'Serial Number'. It contains a central panel with two radio buttons: 'USB' (selected) and 'Product'. Below the radio buttons is a text field displaying 'NOT DEFINED'. Underneath this field is a 'Print' button. Below the 'Print' button is a label '[Min : 2, Max : 20]' and another text field. Below the second text field is a 'Set' button. At the bottom of the central panel is a 'Reset' button. At the bottom of the window, there is a footer bar containing the 'BIXOLON' logo on the left, the text 'Copyright (c) BIXOLON CO., LTD. All Rights Reserved.' in the center, and a 'Close' button on the right.

### 1. Print

Prints the serial number currently set on the printer.

### 2. Set

Sets the USB or product serial number, and the printer will reboot after the setup is complete.

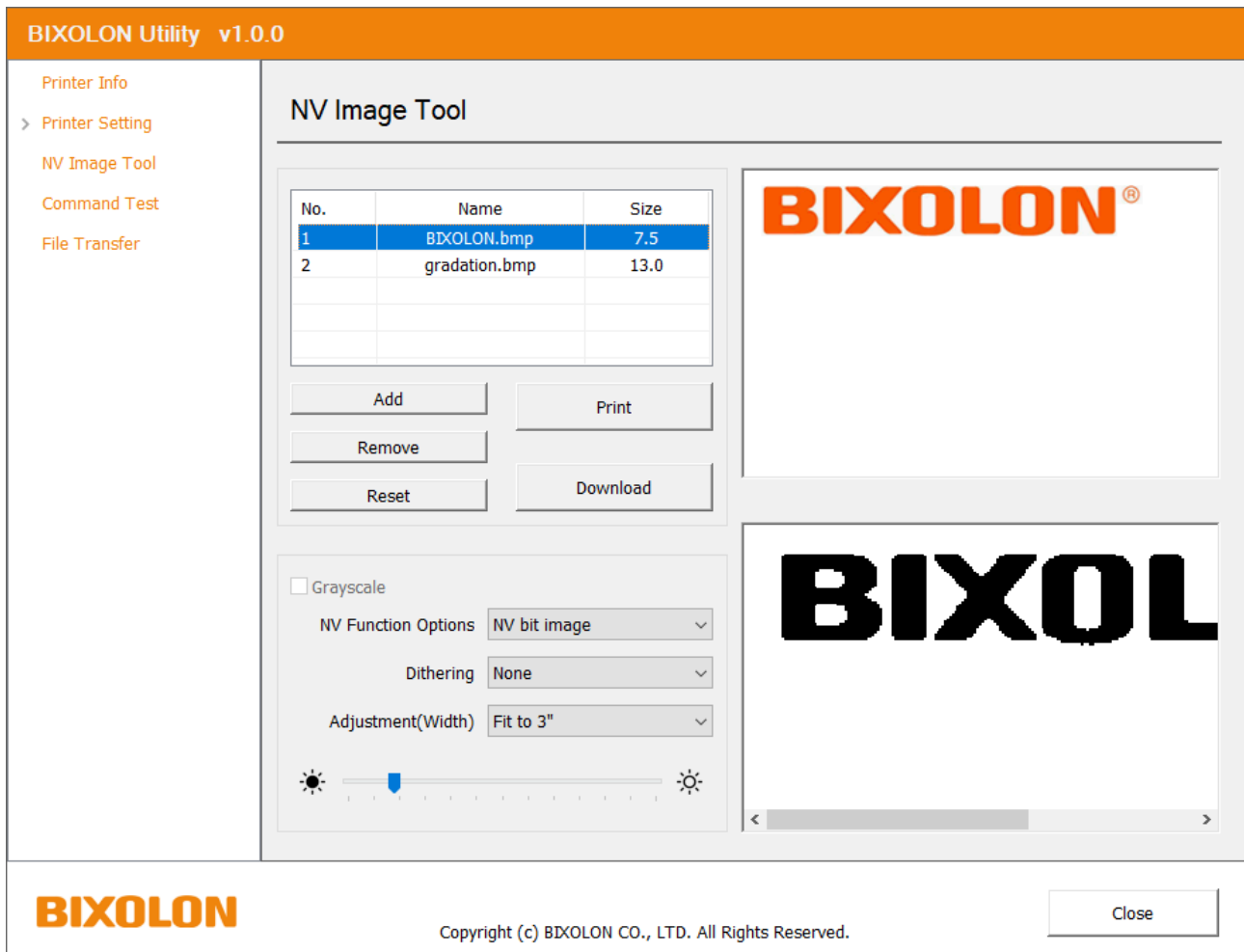
### 3. Reset

Resets the USB or product serial number, and the printer will reboot after the setup is complete.



## 6-2 NV Image Tool

- This menu supports NV image download to the printer flash memory.



### 6-2-1 Add the NV Image

Please add an image.

**NV Image Tool**

No.	Name	Size
1	BIXOLON.bmp	7.5
2	gradation.bmp	13.0

Add

Remove

Reset

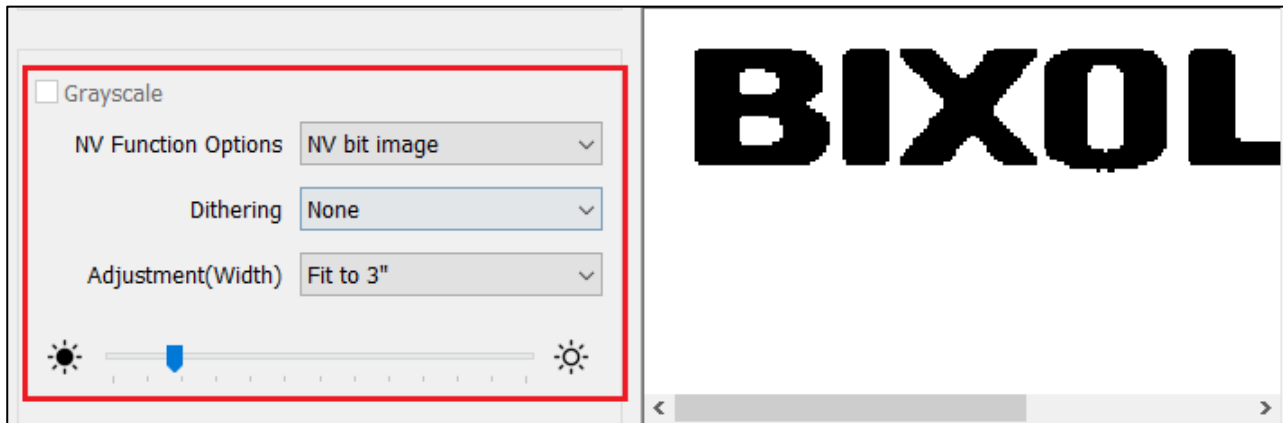
Print

Download

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### 6-2-2 Image Option Settings

Select an image option.



#### **Support file type**

: Bitmap File(.bmp)

#### **Supported Model for Adjustment(Width)**

: SRP-380/382/383/380plus/382plus, SRP-E300/E302, SRP-Q300/Q302, SRP-Q300II, SRP-QE300/QE302, SRP-S300, SRP-S320, SRP-S3000, BK3-3, BK3-2, SRP-B300, BK5-3, SPP-200, G30

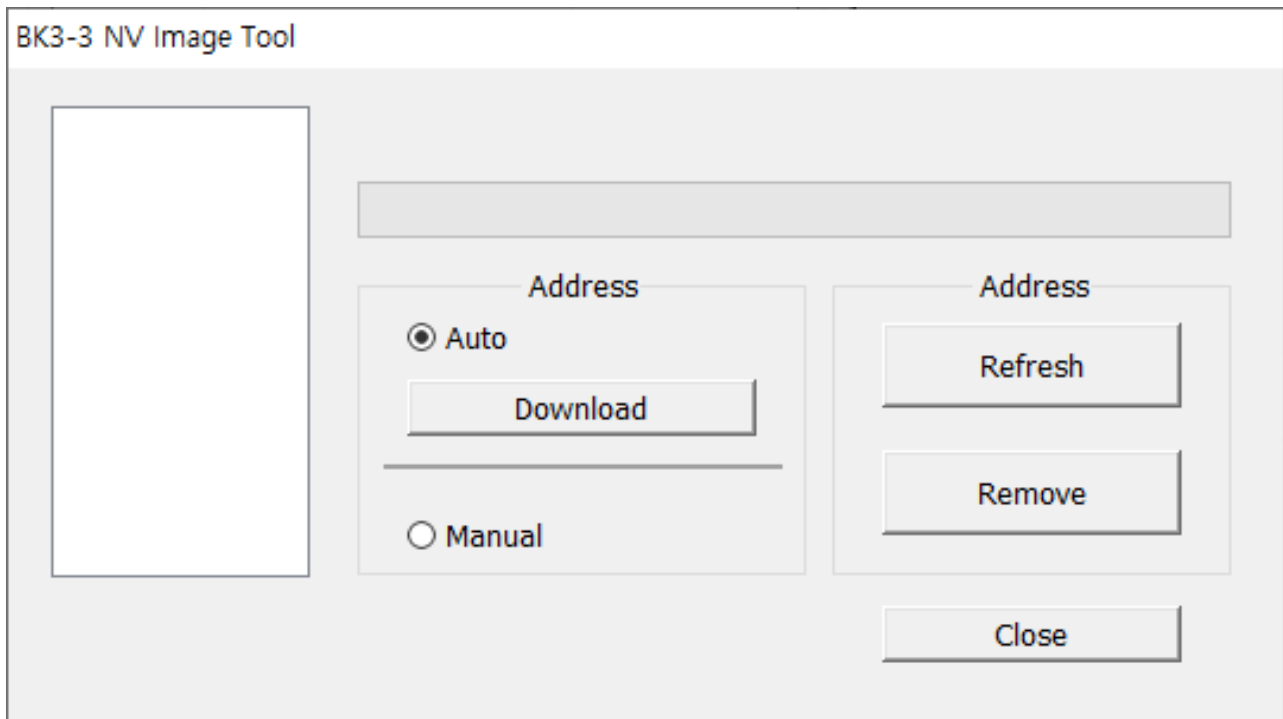


#### **Supported Model for Grayscale**

: BGT-100P/102P, SRP-330II/332II/330III/332III, SRP-350plusIII/352plusIII/350plusV/352plusV, SRP-380/382/383/380plus/382plus, SRP-E300/E302, SRP-F310II/F312II/F313II, SRP-Q300/Q302, SRP-QE300/QE302, SRP-Q300II, SRP-S300/ S320/S3000/S200, G30, SRP-B300

### 6-2-3 Download the NV Image

Please download an image.



Select addressing method and click the download button.

### 6-2-4 Print the NV Image

This menu supports print the NV image function.

The screenshot shows a window titled "BK3-3". On the left is a list box containing the items "00" and "01". On the right is a panel of controls. At the top of this panel is a "Select" label above a text input field containing "00". Below the input field is a "Print" button. Further down are buttons for "Refresh", "Print", "Print All", "Remove", "Remove All", and "Close".

Item
00
01

Buttons:

- Select: 00
- Print
- Refresh
- Print
- Print All
- Remove
- Remove All
- Close

## 6-3 Command Test

- This menu supports command test.

**BIXOLON Utility v1.0.0**

Printer Info  
> Printer Setting  
NV Image Tool  
**Command Test**  
File Transfer

### Command Test

[Hex] ex : 1d 61 ff 0a ...

Send Clear

Test Print

Files

Save Load

Options

Font

Font A

Font B

☐ Bold

☐ Underline

Alignment

Left

Center

Right

Cut & Feed

Feed

Partial cut

Full cut

Line space (0 ~ 255)

☐ Default

0

Input

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Close



You can download the manual on our website and by model  
The supported commands may differ slightly.  
([www.bixolon.com](http://www.bixolon.com))

## 6-4 File Transfer

- This menu supports transfer a file to the printer.

BIXOLON Utility v1.0.0

Printer Info

> Printer Setting

NV Image Tool

Command Test

File Transfer

File Transfer

ⓘ F/W Version : TEST02 SPE 111423

Download

File name :

The file size : 0 Byte

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Close

**Support file type**  
: F/W File (.fls)

This menu is only available when connected by USB.

Ver. 1.07

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## 7. Mobile-POS Printer Guide

### 7-1 Printer Settings

#### 7-1-1 General Settings

This menu supports printer's general option setting.

**BIXOLON Utility v1.0.0**

**Printer Setting**

- General Settings
- Interface
- WLAN Advanced
- NV Image Tool
- File Transfer

### General Settings

Speed: 100mm/s

Density: 80%

Media Type: Receipt

Beep for Roll Paper End: Disable

Beep for Low Battery: Enable

Code page: Katakana

Tear-off Position: 272 Units (0~640)

Power Off: 0 Min. (0~90)

Power Save Mode: 0 Sec. (0, 10~255)

Font: ☒ A (12x24) ☐ B (9x17) ☐ C (9x24)

2Bytes Font Mode: ☐ Disable ☒ Enable

MSR: Not used MSR trigger

Advanced

Reset

Save

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Close

Click the Reset button to reset the options.



## Windows BIXOLON Utility

Settings	Description
1)Speed	Printing speed
Density	Printing density
2)Media Type	Printer media type - Receipt: Continuous paper not separated - Label: Paper separated by a gap or Blackmark - Blackmark: Paper separated by a Blackmark (Black stripe)
Beep for Roll Paper End	Warning sound of paper empty
Beep for Low Battery	Warning sound of battery low status
Code Page	Printer default code page
Tear-off Position	Adjust tear-off position in label mode
Power off	Power off the printer if it is not used for a setting time If the value is 0, the function is disabled (Disconnect to the host)
Power Save Mode	On the Power Save Mode if it is not used for a setting time If the value is 0, the function is disabled (Still connect to the host)
Font	Printing Font
2Bytes Font Mode	For usage of 2Bytes font
MSR Trigger	Set a method of MSR data scan



- 1) SRP-C200/C300 are only support 50mm/s speed option.  
2) Supported option  
: SRP-C200/C300: Receipt, Blackmark  
Others: Receipt, Label

## 7-1-2 Interface

This menu supports interface settings such as Serial, Bluetooth.

**BIXOLON Utility v1.0.0**

**Printer Info**

▼ **Printer Setting**

- General Settings
- **Interface**
- WLAN Advanced

NV Image Tool

File Transfer

### Interface

**Serial**

Baud Rate: 19200

Data Bits: 8

Parity: None

Stop Bits: 1

☒

**Bluetooth**

Device Name: SPP-R200III

PIN Code: 0000

Authentication & Encryption: Disable

Connection Mode: Mode 2

Reset

Save

**BIXOLON**

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Close

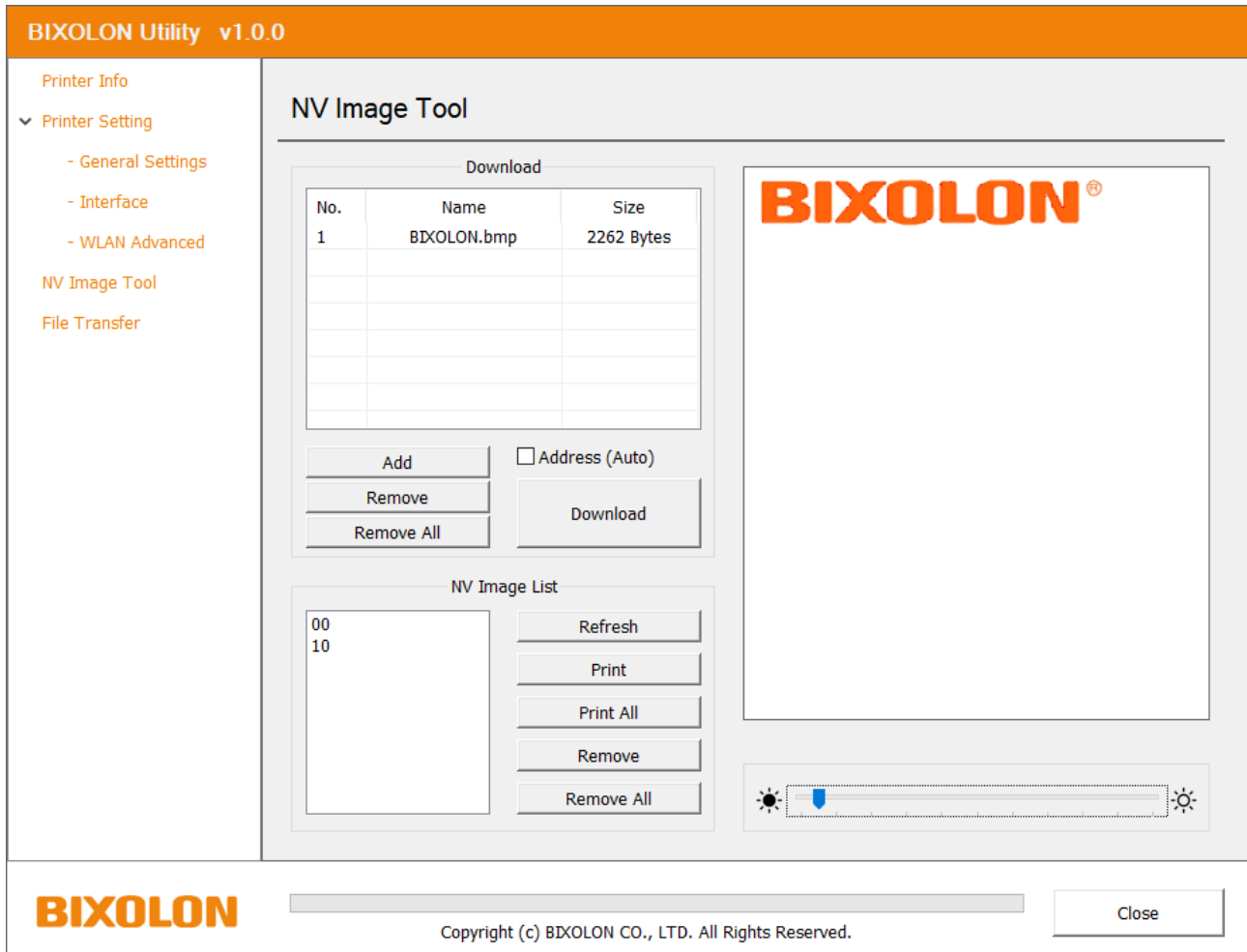
1) If you want the Bluetooth setting, please check the box.

2) Please reboot the printer after option save.

Settings	Description
Device Name	Device name displayed during BT pairing
PIN Code	Code required during BT pairing
Authentication & Encryption	If Authentication & Encryption mode is disabled, connection to a device can be done without a Code
Connection Mode	<ul style="list-style-type: none"> <li>- Mode 1: connection possible only with the first device with which connection succeeds</li> <li>- Mode 2: connection with all Bluetooth enabled devices possible via use of a PIN Code</li> <li>- Mode 3: Discovery will be not supported. Use MAC address for connection</li> </ul>

## 7-2 NV Image Tool

- This menu supports NV image download to the printer flash memory.



### 7-2-1 Add the NV Image

Please add an image.

NV Image Tool

Download

No.	Name	Size
1	BIXOLON.bmp	2262 Bytes


Add

Remove

Remove All

☐ Address (Auto)

Download

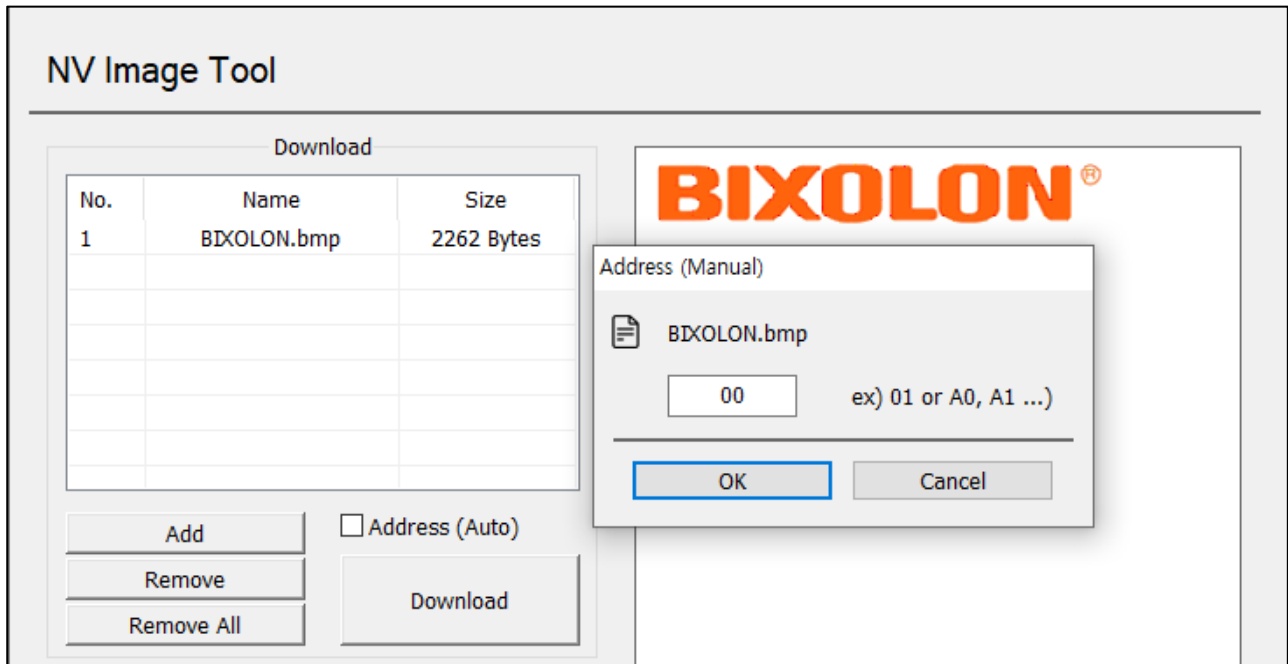




**Supported file type**  
Bitmap file (.bmp)

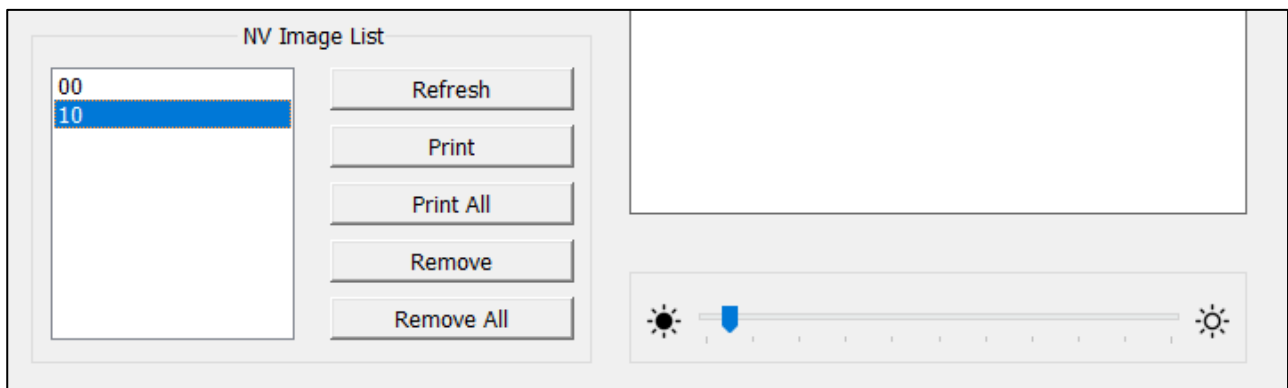
### 7-2-2 Download the NV Image

Please download the image.



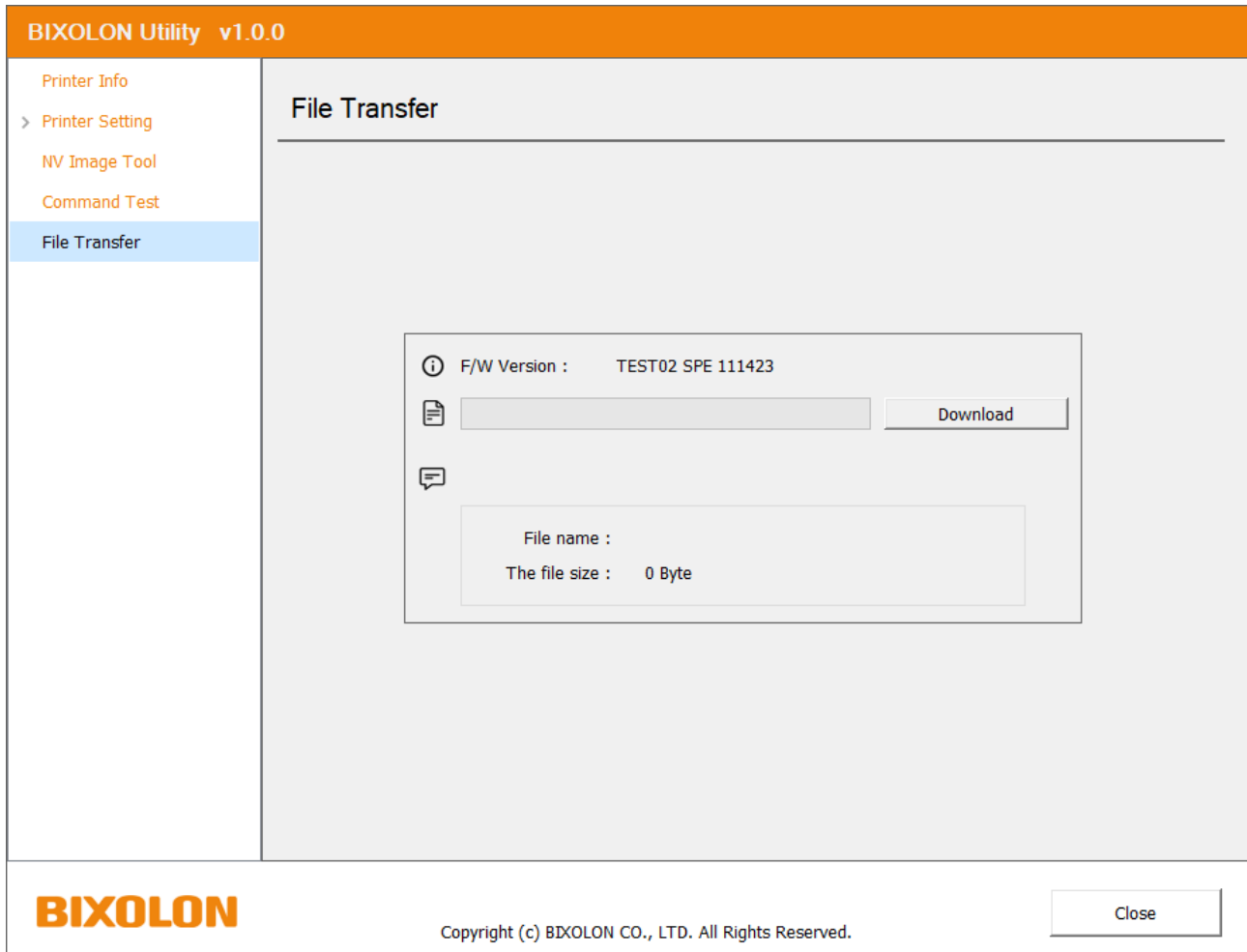
### 7-2-3 Print the NV Image

Please select the item and click the print button.



## 7-3 File Transfer

- This menu supports transfer a file to the printer.



**Support file type**  
F/W File (.fls)

This menu is only available when connected by USB.

## 7-4 Command Test

- This menu supports command test.

**BIXOLON Utility v1.0.4**

Printer Info  
> Printer Setting  
NV Image Tool  
File Transfer  
Command Test

### Command Test

Utility → SPP-R200III  
[Hex] ex : 08 39 01 00 ...

1d 49 42

Command

Send

Clear

Sample Text

SPP-R200III → Utility

\_ B I X O L O N .

☐ Hexa ☒ ASCII

Read

Clear

Files

Save Load

**BIXOLON**

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Close



You can download the manual on our website and by model  
The supported commands may differ slightly.  
([www.bixolon.com](http://www.bixolon.com))

## 8. Label / Mobile-Label Printer Guide

### 8-1 Printer Settings

#### 8-1-1 General Settings

This menu supports printer's general option setting.

**BIXOLON Utility v1.0.4**

**Printer Setting**

- General Settings
- Advanced
- Language
- Interface
- Real-Time Clock
- Statistics / USB
- WLAN Advanced

**General Settings**

Width: 864 ☐

Height: 358 ☐

Print Orientation: Bottom to Top ☐

Speed: 6.0 ☐

Density: 0 ☐

Print Method: Direct ☐

Media Type: Mark Sensing ☐

Adjustment(Tear-Off): 0 ☐

Printer Offset: 0 ☐

Setting Unit : dots

File Save Refresh Save

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- 1) You can set the option lock by checking the check box next to each option.
- 2) You can save the currently option as a command file by clicking the Save File button.



Depending on the printer model, the type, range of options may vary.  
 If you set the command lock, sending the command doesn't change the option.  
 CMD file default path: C:\BIXOLON\BIXOLON\_Utility\Setting files  
 You can transfer CMD file to the printer in [Downloader->File Transfer](#) menu.



## Windows BIXOLON Utility

Settings	Description
Width	Printing paper width
Height	Printing paper height
Print Orientation	Printing paper orientation
Speed	Printing speed
Density	Printing density
Print Method	- Direct: Printing by applying heat to special media - Transfer: Printing with a black object called a ribbon
Media Type	- Gap: Paper separated by a gap (certain space) - Continuous: Paper not separated - Blackmark: Paper separated by a Blackmark (Black stripe)
Adjustment(Tear-Off)	Adjust tear-off of paper after print
Printer Offset	Offset length between Gap(or BM) and cutting position
1)Emulation	Printer emulation



Depending on the printer model, the range of options may vary.

1) Supported model : SRP-S3000

## 8-1-2 Advanced Settings

This menu supports printer's advanced option setting.



CMD file default path: C:\BIXOLON\BIXOLON\_Utility\Setting files  
You can transfer CMD file to the printer in [Downloader->File Transfer](#) menu.

Settings	Description
1)Cutting Mode	Set the cutting mode
Feed	Set the end method
Back-Feeding Mode	Set the back-feeding mode

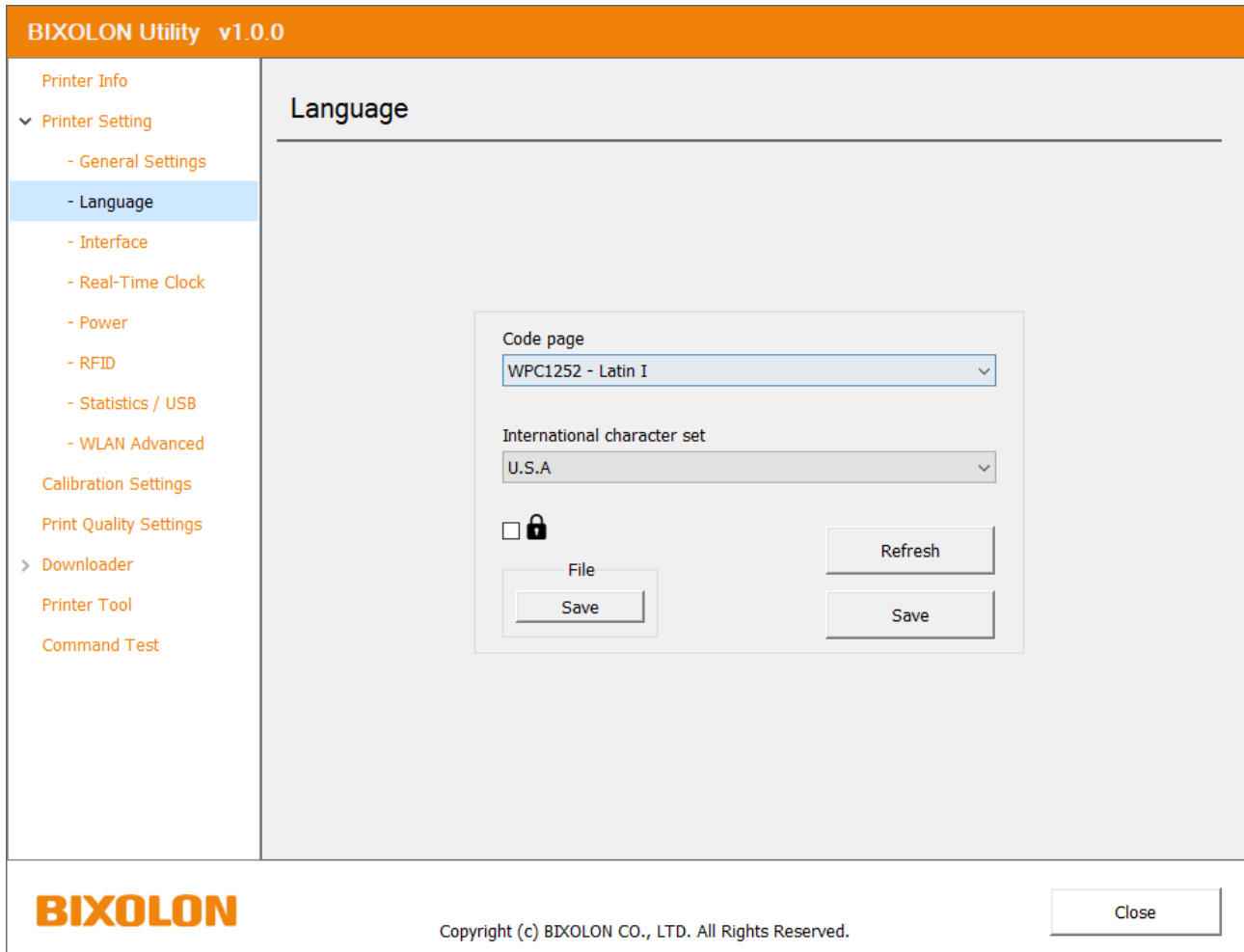


Depending on the printer model, the range of options may vary.

- 1) Please don't select the 'Cutter' option on the printer not equipped with a cutter.

## 8-1-3 Language

This menu supports option setting regarding to codepage/Int'l Char Set.



You can save the currently option as a command file by clicking the Save File button.



Depending on the printer model, the type, range of options may vary.  
If you set the command lock, sending the command doesn't change the option.  
CMD file default path: C:\BIXOLON\BIXOLON\_Utility\Setting files  
You can transfer CMD file to the printer in [Downloader->File Transfer](#) menu.

## 8-1-4 Interface

This menu supports interface settings such as Serial, Bluetooth.

The screenshot shows the 'Interface' settings window in the BIXOLON Utility v1.0.4 application. The window has a sidebar on the left with a tree view containing 'Printer Info', 'Printer Setting' (expanded), 'Calibration Settings', 'Print Quality Settings', 'Downloader', 'Printer Tool', and 'Command Test'. Under 'Printer Setting', there are sub-items: 'General Settings', 'Advanced', 'Language', 'Interface' (selected), 'Real-Time Clock', 'Statistics / USB', and 'WLAN Advanced'. The main area is titled 'Interface' and contains two sections: 'Bluetooth' and 'Serial'. The 'Bluetooth' section has a checked checkbox, a 'USB Dongle Type' checkbox (unchecked), and fields for 'Device Name' (PRINTER\_NAME), 'PIN Code' (0000), 'MAC Address' (4019205C7B07), 'Authentication & Encryption' (Enable), 'Connection Mode' (Mode 2), 'Role Mode' (Classic), 'Pairing Mode' (PIN Code), and a 'Get' button. The 'Serial' section has a checked checkbox, a 'Baud Rate' dropdown (19200), 'Data Bits' dropdown (8), 'Parity' dropdown (None), 'Stop Bits' dropdown (1), 'Flow Control' dropdown (Hardware), and a 'Get' button. On the right side of the main area, there are three buttons: 'Default', 'Refresh', and 'Save'. At the bottom of the window, there is a 'Close' button. The footer contains the BIXOLON logo, the copyright notice 'Copyright (c) BIXOLON CO., LTD. All Rights Reserved.', and the 'Close' button.

**BIXOLON Utility v1.0.4**

**Interface**

☒ Bluetooth

☐ USB Dongle Type

Device Name: PRINTER\_NAME

PIN Code: 0000

MAC Address: 4019205C7B07

Authentication & Encryption: Enable

Connection Mode: Mode 2

Role Mode: Classic

Pairing Mode: PIN Code

Get

☒ Serial

Baud Rate: 19200

Data Bits: 8

Parity: None

Stop Bits: 1

Flow Control: Hardware

Get

Default

Refresh

Save

**BIXOLON**

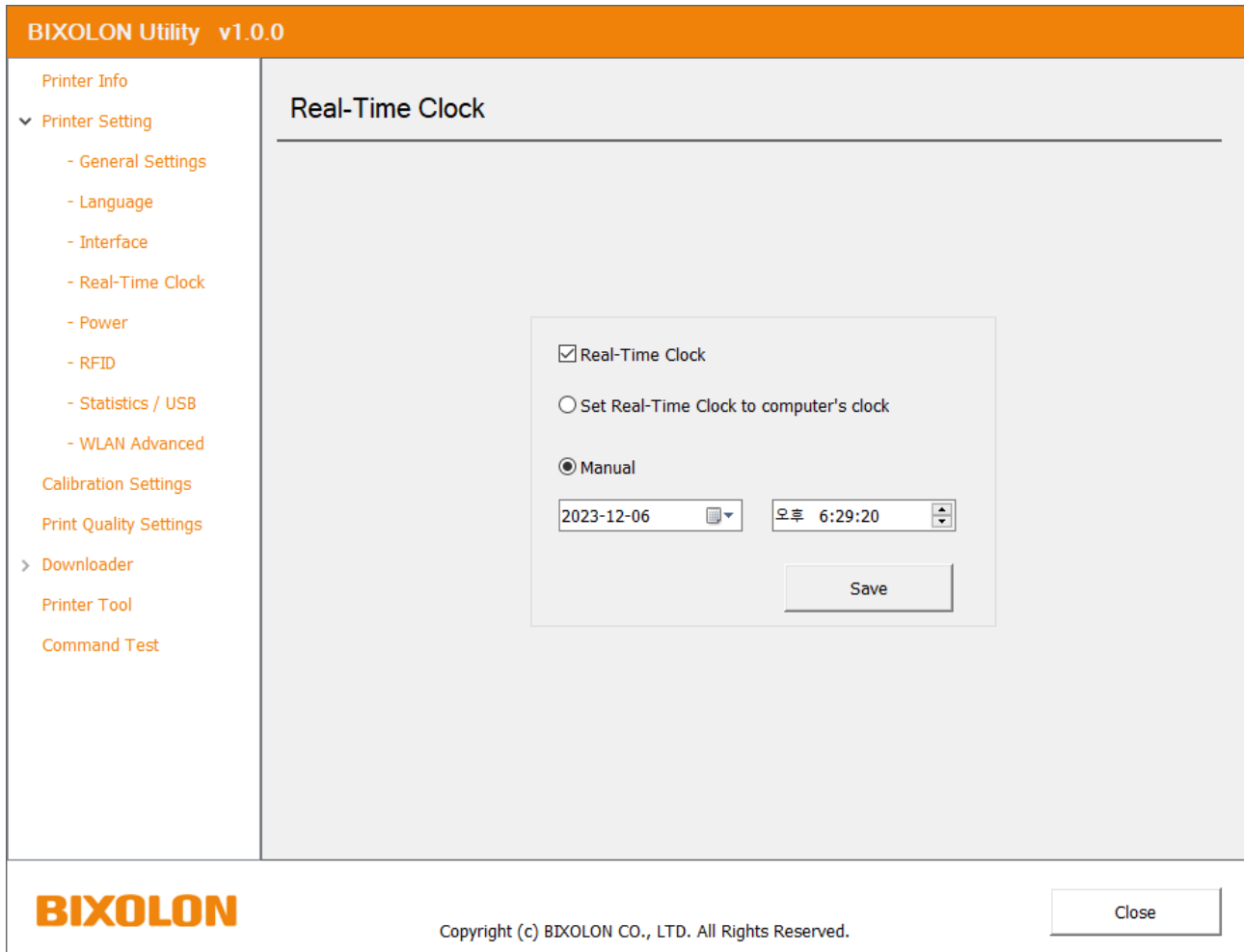
Copyright (c) BIXOLON CO., LTD. All Rights Reserved.

Close

- 1) If you want the setting, please check the box.
- 2) Click the Default button to set the default value.

## 8-1-5 Real-Time Clock

This menu supports settings regarding to Real-Time Clock.



## 8-1-6 Power

This menu supports settings regarding to Power Save Mode.

BIXOLON Utility v1.0.0

Printer Info

▼ Printer Setting

- General Settings
- Language
- Interface
- Real-Time Clock
- Power
- RFID
- Statistics / USB
- WLAN Advanced

Calibration Settings

Print Quality Settings

► Downloader

Printer Tool

Command Test

Power

Power Off Disable ▾

(1~90) 0 Min.

Power Save Mode Disable ▾

(1~255) 0 Sec.

File

Save

Refresh

Save

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Close

You can save the currently option as a command file by clicking the Save File button.

Supported models

: SRP-S3000, XM7-20, XM7-30, XM7-40, SPP-L3000, SRP-L310, SPP-L410



CMD file default path: C:\BIXOLON\BIXOLON\_Utility\Setting files

You can transfer CMD file to the printer in [Downloader->File Transfer](#) menu.

## 8-1-7 RFID

This menu supports settings regarding to RFID.

BIXOLON Utility v1.0.0

Printer Info

▼ Printer Setting

- General Settings
- Language
- Interface
- Real-Time Clock
- Power
- **RFID**
- Statistics / USB
- WLAN Advanced

Calibration Settings

Print Quality Settings

► Downloader

Printer Tool

Command Test

RFID

Tag Type

Class1 GEN2 ▼

Writing Power

10 ▼

Transponder Position

100

Number of Retries

1 ▼

Number of Labels

3 ▼

Default

Refresh

Save

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Close



This menu is available only for printers that support RFID.  
Ex Model: XM7-40R, XD5-40tR etc.

## 8-1-8 Statistics/USB

This menu supports check the statistics data or set the USB Serial Number.

**BIXOLON Utility v1.0.0**

**Statistics / USB**

Printer Info

▼ Printer Setting

- General Settings
- Language
- Interface
- Real-Time Clock
- Power
- RFID
- **Statistics / USB**
- WLAN Advanced

Calibration Settings

Print Quality Settings

► Downloader

Printer Tool

Command Test

Motor Feeding : 00176.45 M  
(P) Motor Feeding : 00176.45 M

TPH : 00176.45 M  
(P) TPH : 00176.45 M

Auto Cutting : 0000263 times  
(P) Auto Cutting : 0000263 times

(P) : Permanent

USB S/N

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1) Click the Initialize button for each data to initialize the data.

2) Input an USB Serial Number and click the set button to set the USB S/N.



## 8-2 Calibration Settings

- This menu supports manually calibrate the printer calibration.

**BIXOLON Utility v1.0.0**

Printer Info  
> Printer Setting  
**Calibration Settings**  
Print Quality Settings  
> Downloader  
Printer Tool  
Command Test

### Calibration Settings

**Sensing Value**

<input type="radio"/> 32 : 0000	<input type="radio"/> 800 : 0000
<input type="radio"/> 64 : 0000	<input type="radio"/> 832 : 0000
<input type="radio"/> 96 : 0000	<input type="radio"/> 864 : 0000
<input type="radio"/> 128 : 0000	<input type="radio"/> 896 : 0000
<input type="radio"/> 160 : 0000	<input type="radio"/> 928 : 0000
<input type="radio"/> 192 : 0000	<input type="radio"/> 960 : 0000
<input type="radio"/> 224 : 0000	<input type="radio"/> 992 : 0000
<input type="radio"/> 256 : 0000	<input type="radio"/> 1024 : 0000
<input type="radio"/> 288 : 0000	
<input type="radio"/> 320 : 0000	
<input type="radio"/> 352 : 0000	
<input type="radio"/> 384 : 0000	
<input type="radio"/> 416 : 0000	
<input type="radio"/> 448 : 0000	
<input type="radio"/> 480 : 0000	
<input type="radio"/> 512 : 0000	
<input type="radio"/> 544 : 0000	
<input type="radio"/> 576 : 0000	
<input type="radio"/> 608 : 0000	
<input type="radio"/> 640 : 0000	
<input type="radio"/> 672 : 0000	
<input type="radio"/> 704 : 0000	
<input type="radio"/> 736 : 0000	
<input type="radio"/> 768 : 0000	

**Step 1**

Media Type  
☒ Gap  
☐ Blackmark

Label Length  
150 (mm)  
Value Check

**Step 2**

Middle Value  
0

Gap Count  
7

Save

Cancel  
Cancel Calibration

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- 1) After selecting Media Type and entering Label Length, click the Value Check button.
- 2) Click the Save button that selects the sensing value among the sensor detection values.
- 3) If the printer do not detect the paper properly, select a different value and save it.
- 4) Click the cancel calibration button to set up to default.



Please enter the label length at least 3 to 4 times the length of the paper in use. This menu is available after automatic calibration  
Use when paper (gap or blackmark) is not recognized.

## 8-3 Print Quality Settings

- You can check and set print quality by printing samples according to print quality.

**BIXOLON Utility v1.0.0**

Printer Info  
> Printer Setting  
Calibration Settings  
Print Quality Settings  
> Downloader  
Printer Tool  
Command Test

### Print Quality Settings

☐ Auto  
Number of Labels: 0

☒ Manual  
Speed: 3.0 inch/s  
Density: 8

Test Print

Identifier: [Dropdown]  
Speed : 3.0 inch/s  
Density : 8  
☐ Save as  
Set

**BIXOLON**  
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Close

### - Auto

- 1) Select Number of Labels.
- 2) Click the test print button to print the sample at any speed and concentration.
- 3) After checking the print, select the identifier and click the set button.

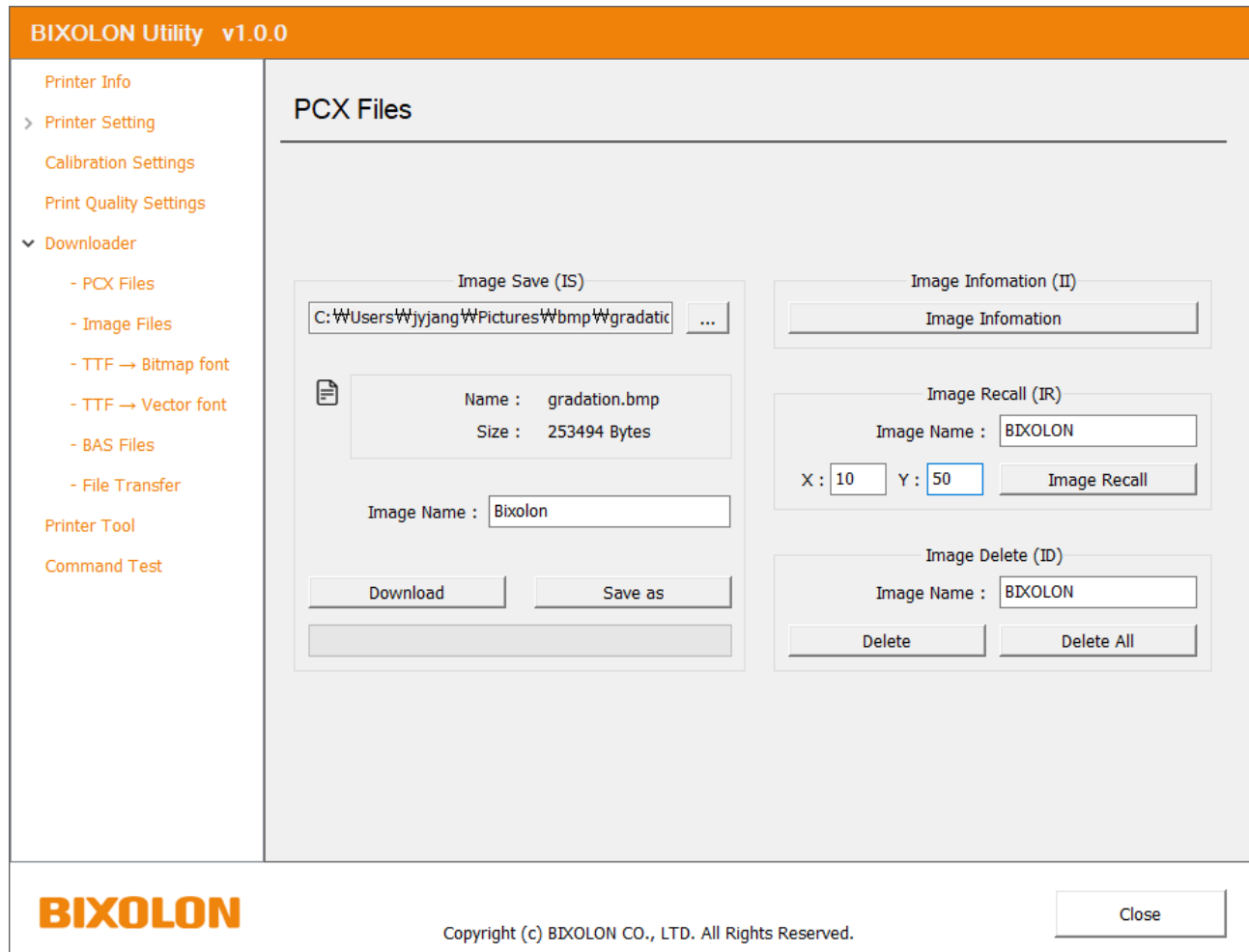
### - Manual

- 1) Select the Speed/Density.
- 2) Please click the test print and check the print.
- 3) When you Click the set button, the value applies.

## 8-4 Downloader

### 8-4-1 PCX Files

Please download the image.



#### - Image Save(IS)

- 1) Select the image you want to download to printer.
- 2) Input the image name and click the download button.
- 3) You can save the command to a file by clicking the Save to file button.

#### - Image Info(II)

Print the saved image information by clicking the button.

## Windows BIXOLON Utility

### - Image Delete(ID)

- 1) Input the image name to delete.
- 2) Click the Delete button or Delete All button.

### - Image Recall(IR)

Input the image name and position you want to print and click the recall image button.

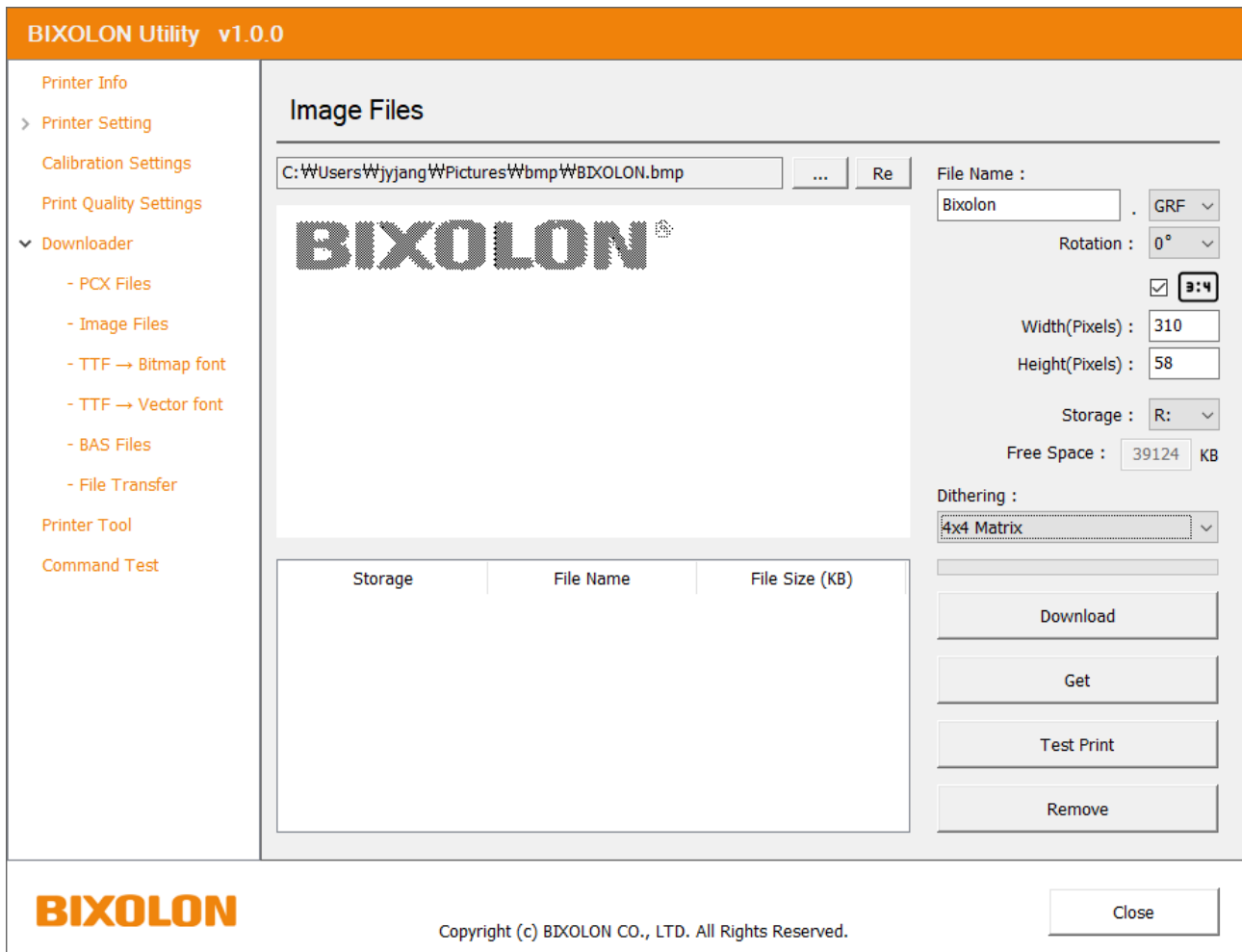


#### **Supported file type**

: pcx, bmp, jpg

## 8-4-2 Image Files

Please download the image.



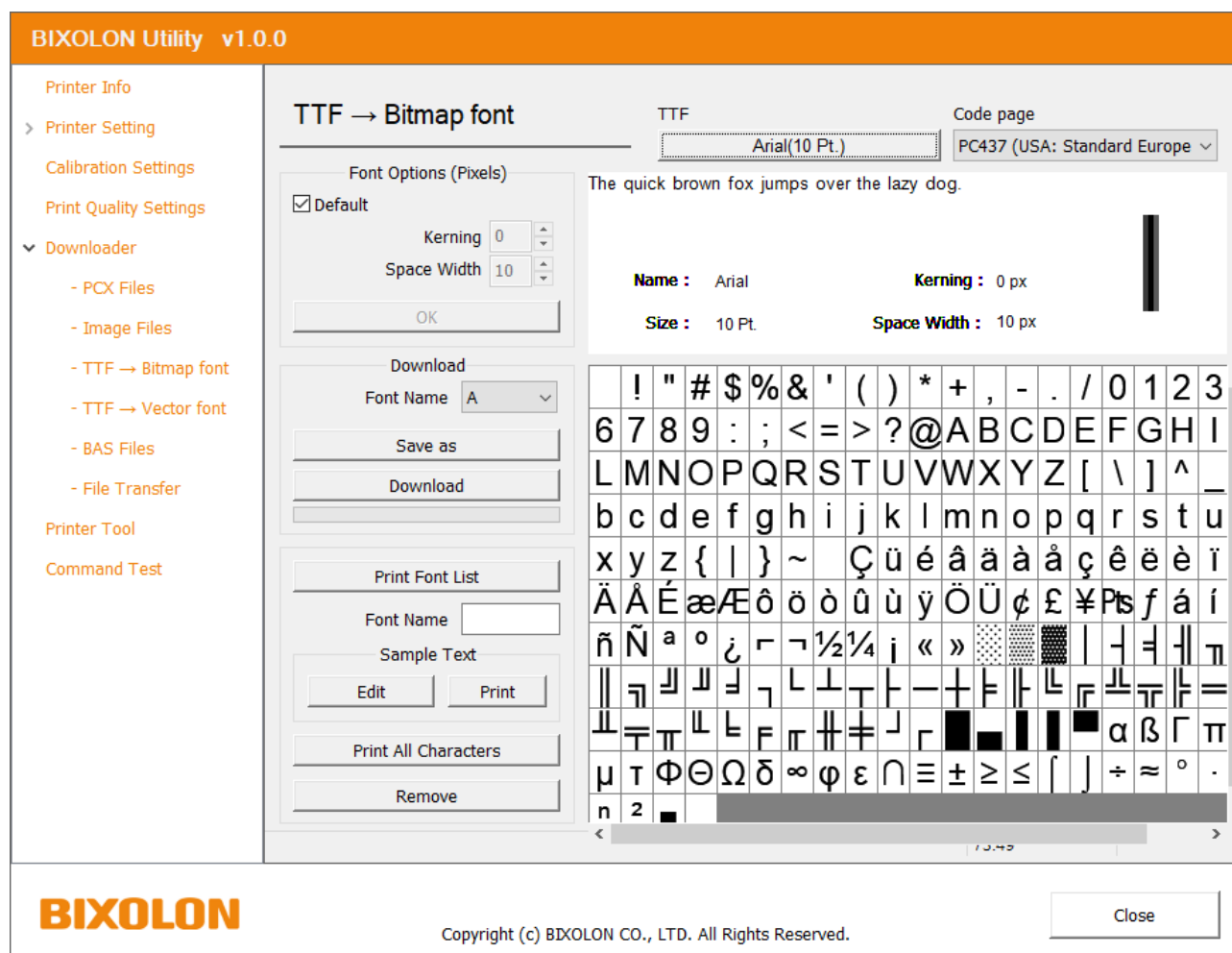
- 1) Open the file to download to the printer.
- 2) Set the file name and option and click the download button.
- 3) Click the Re button to reset the image option.
- 4) Select the item in the list and click the Test Print button to print image.



The image stored in Storage R: will lose data when the printer is turned off.

## 8-4-3 TTF → Bitmap Font

This menu supports the function of converting TTF to Bitmap font.



- Download the font

1) Click the TTF Button to open the TTF.

2) Set the Font Name and options and click the Download button.

- Print the saved font.

Input the Font Name and click the Sample Text button.

## 8-4-4 TTF → Vector Font

This menu supports the function of converting TTF to Vector font.

**BIXOLON Utility v1.0.0**

Printer Info  
➤ Printer Setting  
Calibration Settings  
Print Quality Settings  
▼ Downloader  
- PCX Files  
- Image Files  
- TTF → Bitmap font  
- TTF → Vector font  
- BAS Files  
- File Transfer  
Printer Tool  
Command Test

### TTF → Vector font

TTF (True Type Font)  
Arial (1012 KB) ...

Vector font  
Font Name font . FNT  
Storage R:  
Free Space KB  
Download

Storage	File Name	File Size (KB)
---------	-----------	----------------

Get Test Print Remove

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1) Select the TTF to convert.

2) Set the Font Name and Storage and click the Download button.



The image stored in Storage R: will lose data when the printer is turned off.

## Windows BIXOLON Utility

Fonts have been downloaded to the printer can be used through the emulation.

### - Bitmap Font

Desktop/Industrial	SLCS
Mobile-Label/SRP-S3000_LABEL	SLCS, BPL-C

### - Vector Font

Desktop/Industrial	BPL-Z
Mobile-Label/SRP-S3000_LABEL	.fnt /.ttf / .tte : BPL-Z .csf : BPL-C



**Please note that some True Type fonts are subject to copyright protection, and you must comply with the terms of use and copyright notices for the fonts you want to use.**

**BIXOLON is not responsible for any direct or indirect damages, arising from or related to use of True Type fonts.**

When convert to bitmap font, it may not support all or part of the supported code page depending on the TTF.

Not supported characters are displayed to empty characters.



## 8-4-5 BAS Files

This menu supports download the BAS file.

The screenshot shows the BIXOLON Utility v1.0.0 interface. On the left is a sidebar menu with options: Printer Info, Printer Setting, Calibration Settings, Print Quality Settings, Downloader (expanded), and Printer Tool/Command Test. Under 'Downloader', there are sub-options: PCX Files, Image Files, TTF → Bitmap font, TTF → Vector font, BAS Files (highlighted), and File Transfer. The main area is titled 'BAS Files' and contains four panels: 1) 'Download (\*.BAS)' with a file name input (currently 'None'), file size '0 Byte', a 'BAS' input field, a storage dropdown (set to 'E:'), and a 'Download' button. 2) 'Information' with a table for 'Storage' and 'BAS File Name', a 'Print' button, and a 'Get' button with a storage dropdown. 3) 'Delete' with a 'BAS' input field, a storage dropdown (set to 'E:'), and 'Delete' and 'Delete All' buttons. 4) 'XI (BIXOLON Interpreter)' with a 'BAS' input field, a storage dropdown (set to 'E:'), and 'Start' and 'End' buttons. At the bottom, there is a 'Close' button and a copyright notice: 'Copyright (c) BIXOLON CO., LTD. All Rights Reserved.'

- Download the file

1) Open the file to save.

2) Set the File Name and Storage and click the Download button.

- File Information

1) Click the Print button to print BAS file information.

2) Click the Get button to get the list of BAS file.



To use Storage A: you must insert a USB memory into the printer.

- Delete file

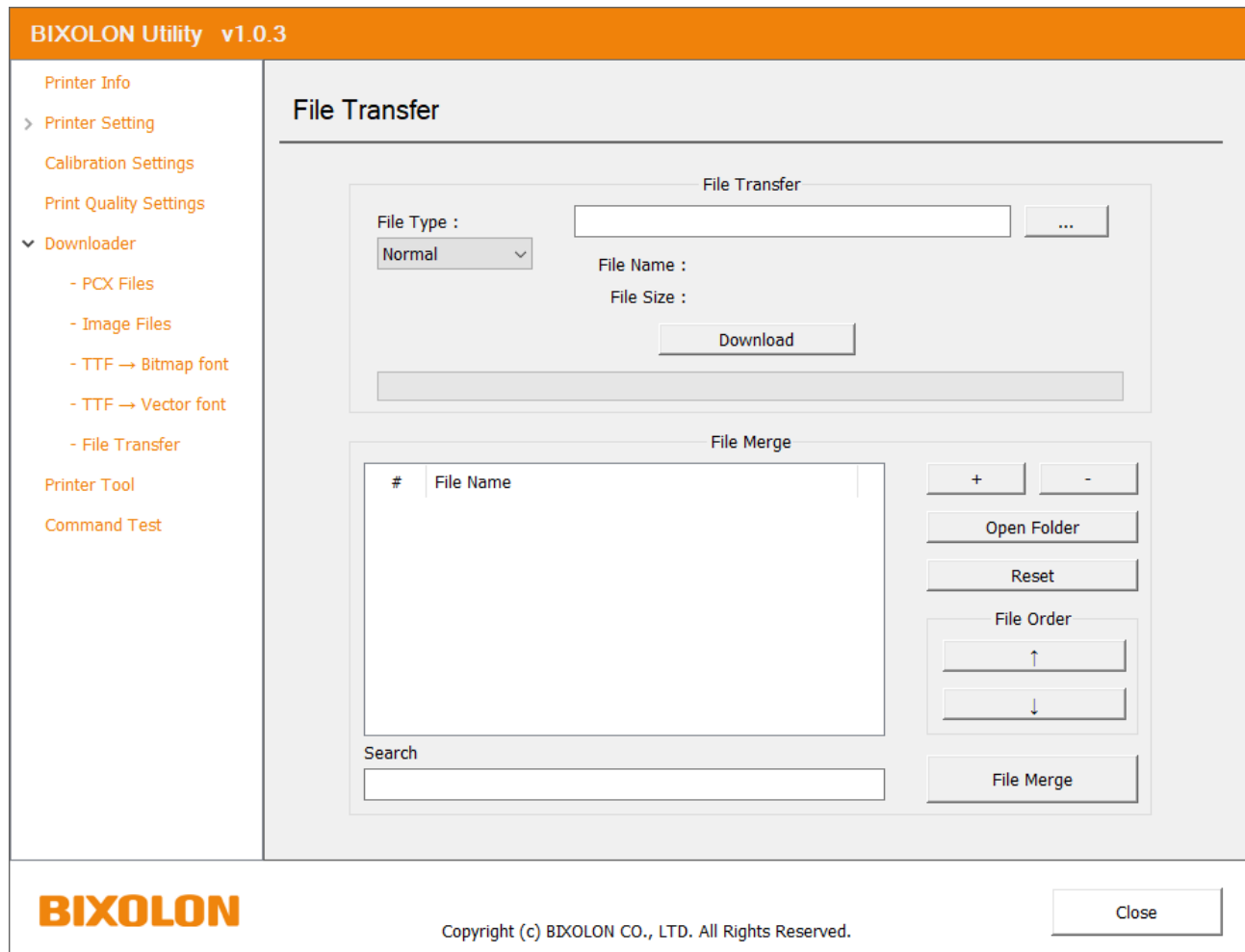
- 1) Select the storage.
- 2) Input the File Name and click the Delete button.

- XI

- 1) Set the File Name and Storage.
- 2) Click the Start button to start XI Mode with the BAS file.
- 3) Click the End button to end XI Mode.

## 8-4-6 File Transfer

This menu supports File Merge and transfer file to the printer.



### - File Merge

- 1) Click the Open Folder button to open files to merge.
- 2) After set the file order, click the File Merge button.

### - File Transfer

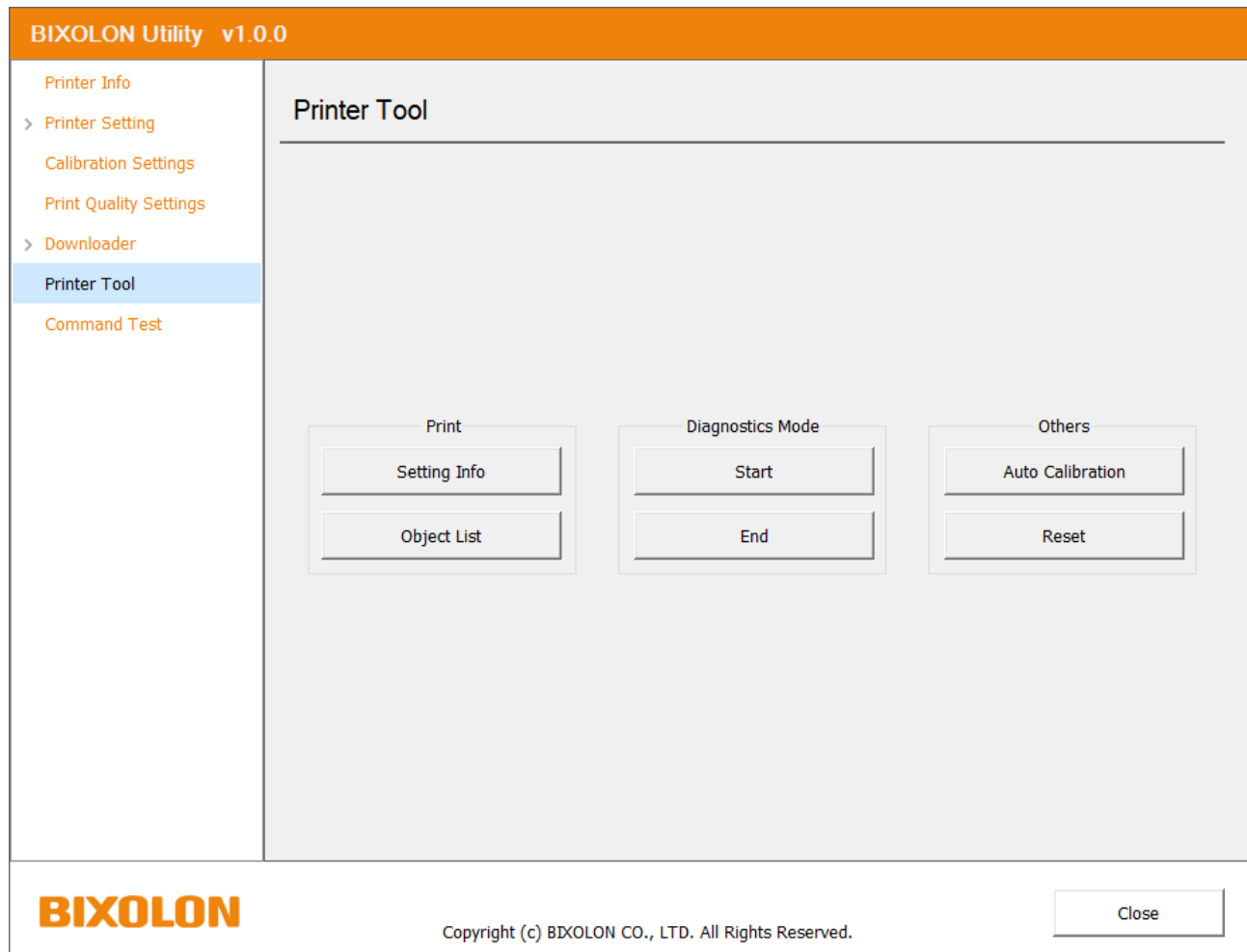
Open the file to transfer to the printer.



F/W file transfer is available when connected by USB.  
File contents must be written by printer command.

## 8-5 Printer Tool

- You can check the printer information or perform the specified function.



### - Print

- 1) Click the setting Info button to print printer setting information.
- 2) Click the object List button to print list of objects stored on printer.

### - Diagnostics Mode

The printer can print the data it receives as ASCII or Hex data.

### - Others

- 1) Click the Auto Calibration to adjust the sensor value according to the paper size and type.
- 2) Click the Reset button to reset the printer settings.

## 8-6 Command Test

- This menu supports command test.

BIXOLON Utility v1.0.0

Printer Info  
Printer Setting  
Calibration Settings  
Print Quality Settings  
Downloader  
Printer Tool  
Command Test

### Command Test

Utility → XD5-40tR

Command: 1

Send Clear

Files

Save Load

XD5-40tR → Utility

Type: ☐ Hex ☒ ASCII

Read Clear

Printer Setting Barcode Line & Box Printer Status

2Bytes Code page Text Character Set RFID

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You can download the manual on our website and by model  
The supported commands may differ.  
([www.bixolon.com](http://www.bixolon.com))

## Revision History

[illegible]