



MEMORY SAVER MANUAL

- Memory Saver Utility

sewoo

3" THERMAL POS PRINTER

MODEL : SLK-TS100, TS200, CB125

Rev. 12 / 2024

Aroot Co., Ltd.

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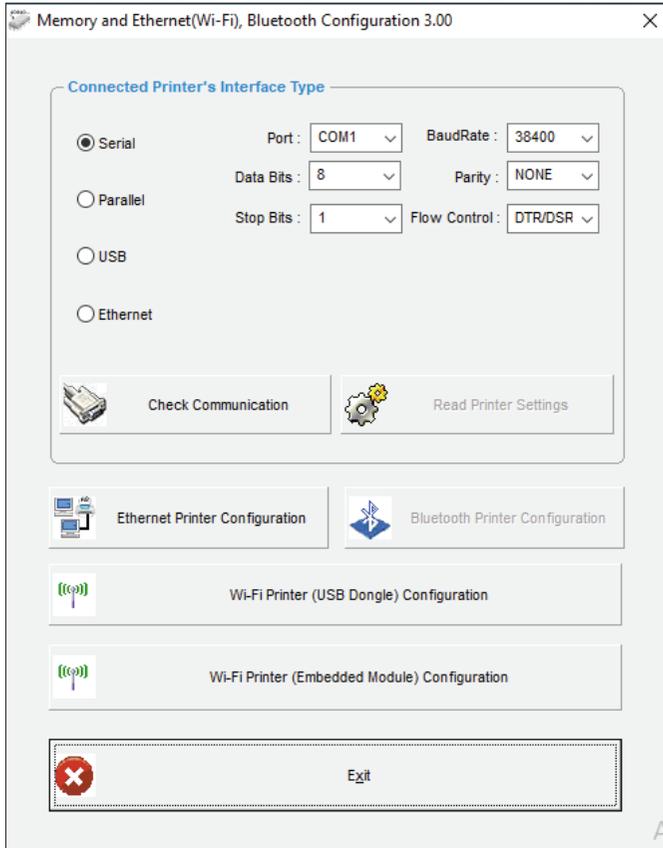


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You can change the printer's settings using the Utility.

- 1 Make sure you are using a PC running Windows XP or higher.
- 2 Download the Utility from the www.miniprinter.com website.
- 3 Connect the PC and printer.
(Serial or Parallel or USB or Ethernet, USB communication is recommended)
- 4 When you run the Utility, you can see the screen below.



- 5 Select the interface of the connected printer.
- 6 Click the Check printer connection button.
- 7 Click the button you want to set.

2-1. Printer Settings(Config)

- 1 Click the Load Printer Settings button.



- 2 Select the tab you want and set options.

A screenshot of a "Configuration Settings" dialog box. It has a title bar with a close button (X) and a tabbed interface with "Config", "Interface", "NV", and "BlackMark" tabs. The "Config" tab is active. The settings are organized into several sections: "Code Page" (dropdown: PC437, SET button), "Cut" (ON/OFF buttons, Type dropdown: Partial Cut, SET button), "Melody" (ON/OFF buttons, Type dropdown: Melody A, SET button), "Density" (dropdown: Density - S, SET button), "Paper Width / Char Per Line (Based on Font A)" (dropdown: 80mm / 42CPL, SET button), "ECO Mode" (Line Space dropdown: Normal, SET button; Line Feed dropdown: Normal, SET button; ID Barcode dropdown: Normal, SET button), "Font Replace" (dropdown: A -> A / B -> B, SET button), "Beep Time After Cut" (dropdown: OFF, SET button), "Buzzer" (ON/OFF buttons), "Cash Drawer When Cut" (ON/OFF buttons), "Cover Close Cut" (ON/OFF buttons), and "Near End Sensor" (ON/OFF buttons). An "Exit" button is located at the bottom right.

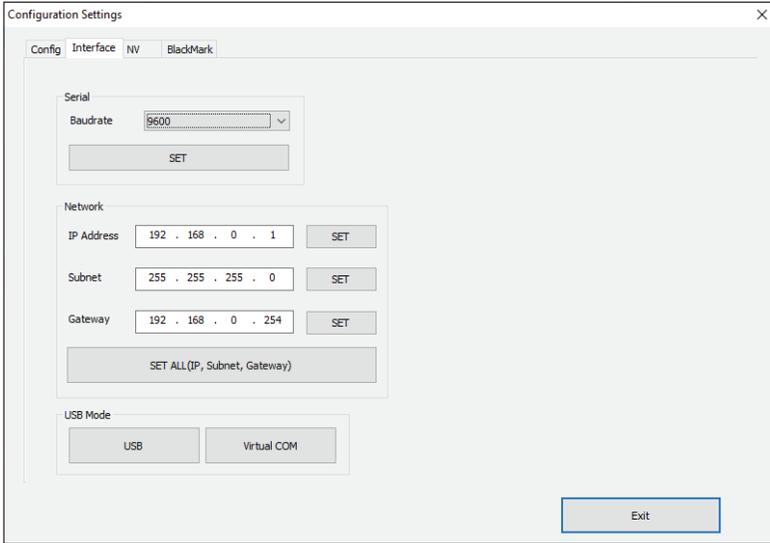
Use the following table to Printer's Options setting

Name	Description
Code Page	Set to the selected code page.
Cut	Set the presence or absence of cutting (ON, OFF) Set the cut mode (Partial Cut, Full Cut, Command Cut). Certainly, the cutting setting must be ON to operate properly.
Melody	Set whether to use melody (ON, OFF) Set the melody type (Melody A, Melody B, Melody C). Certainly, for normal operation, the melody setting must be ON.
Density	Set the print density. The range is 1 to 8.

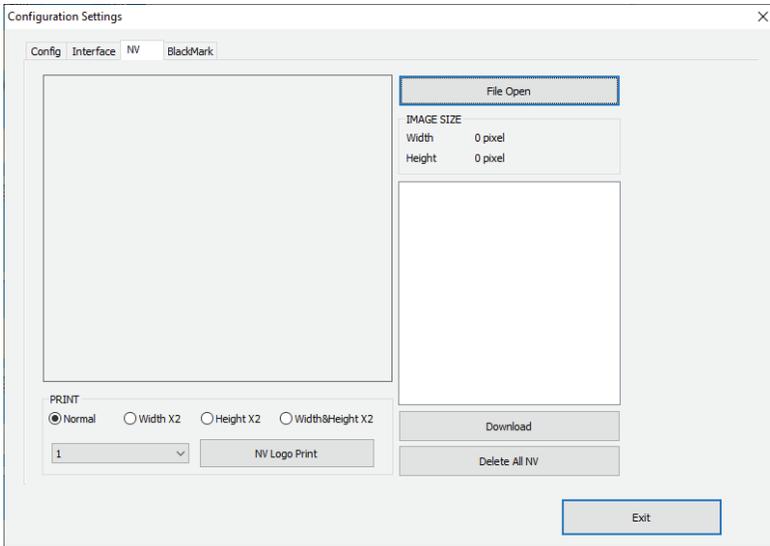
ECO Mode	<p>Line Space -Set line spacing with the paper saving function. You can set from Normal to 50%, 75%, and 90%.</p> <p>Line Feed -Set up line feed with paper saving features. You can set from Normal to 50%, 75%, and 90%.</p> <p>1D Barcode -Set barcode height with paper saving function. You can set from Normal to 50%, 75%, and 90%.</p>
Font Replace	<p>Font Replace Setting can be change the Font mapping (FONT A / FONT B). (If you don't want mapping, set it to A -> A / B -> B.)</p>
Beep Time After Cut	<p>Set the beep time after cutting. It can be set from OFF to 1 to 3 seconds.</p>
Buzzer	<p>Set whether to use Buzzer.</p>
Char Per Line	<p>Set the number of characters per line. 48CPL, 42CPL settings are available.</p>
Cash Drawer When Cut	<p>Set the function to open the Cash Drawer when cutting.</p>
Cover Close Cut	<p>After closing the printer cover, set whether or not to cut.</p>

The code page list is as follows.

GB2312	BIG5
Korean	Japanese
PC437	Katakana
PC850_Multi	PC860_PT
PC863_CA	PC865_Nordic
West Europe	Greek
Hebrew	East Europe
Iran	WPC1252
PC866_Cyri-2	PC852_Latin2
PC858	IranII
Latvian	Arabic
PT15111251	PC747
WPC1257	Vietnam
PC864	PC1001
Uigur	WPC1255_IL
WPC1256	PC437_Europe
PC858_Multi	PC861_IS
PC866_RU	PC855_BGL
PC857_TR	PC862_Hebrew
PC737_Greek	PC851_Greek
PC869_Greek	PC928_Greek
PC772_LTU	PC774_LT
PC874_Thai	WPC1252_LT1
WPC1250_Lati2	WPC1251_CY
PC3840_IBM-Ru	PC3841_Gost
PC3843_Polish	PC3844_CS2
PC3845_HU	PC3846_TR
PC3847_B-ABNT	PC3848_BR
PC2001_LT	PC3001_EE-1
PC3002_EE-2	PC3011_LV-1
PC3012_LV-2	PC3021_BG
PC3041_MT	Thai



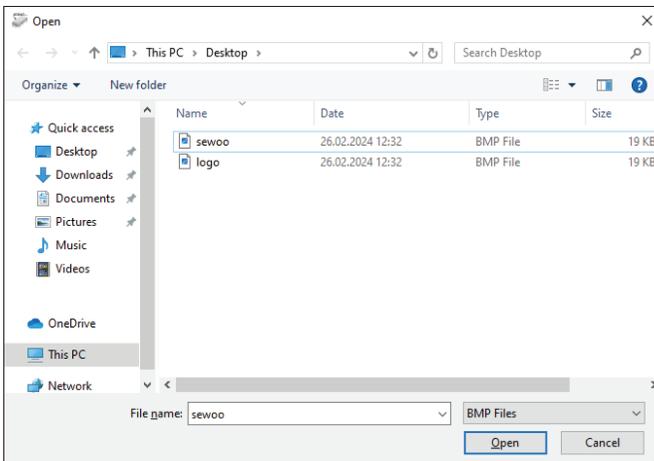
Name	Description
Serial – Baudrate	Set the communication speed of the serial port. – Settings are 9600, 19200, 38400, 57600, and 115200.
Network – IP Address – Subnet – Gateway	Set the IP address, subnet, and gateway. You can also set it in the Ethernet printer settings on the MemorySaver initial screen.
USB Mode	USB or virtual COM mode can be set.



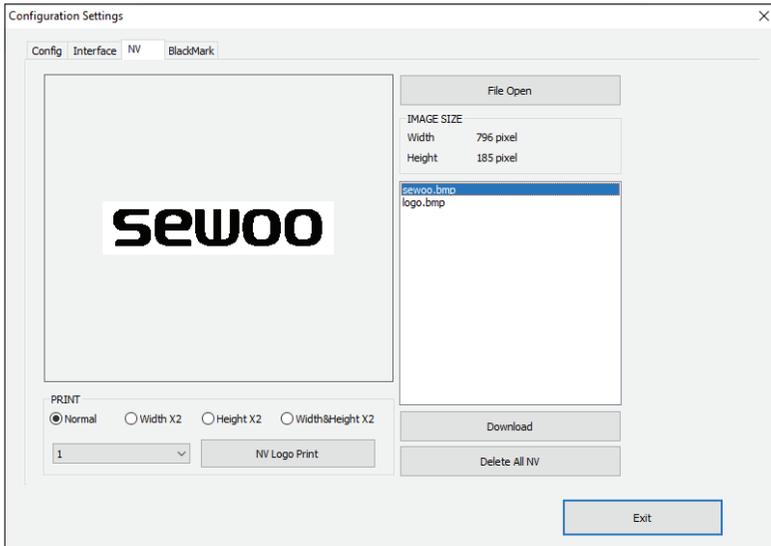
With the function of saving BMP files to flash memory, you can download up to 6 files. Downloaded NV images can be printed by selecting the original size, width x 2, height x 2, or width & height x 2.

< How to use >

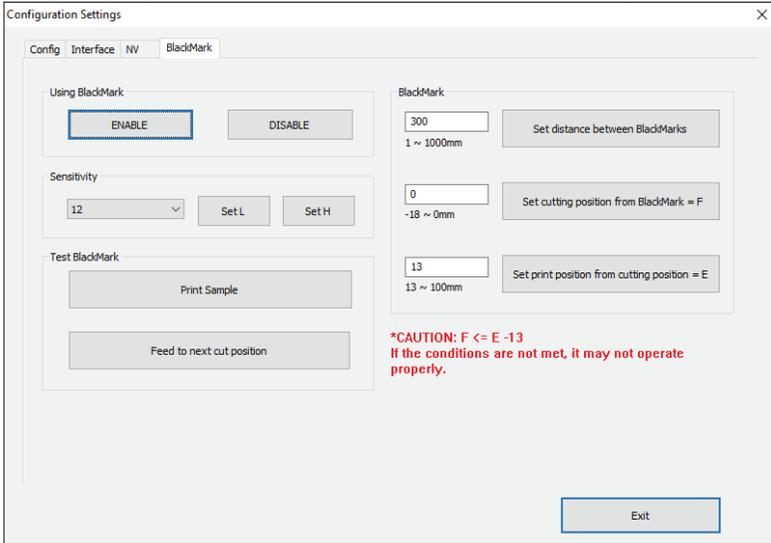
- 1 Click the Open File button and select a bitmap image.



- The names of the selected bitmap images are displayed in the list on the right, and up to 6 can be selected.

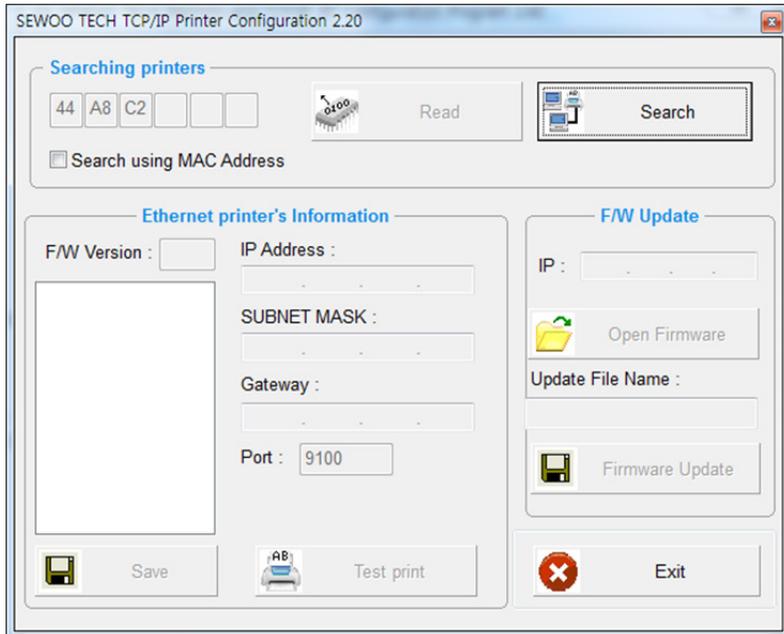


- Click the download button to save it to your printer.
- The saved NV image can be printed using the print button on the left.

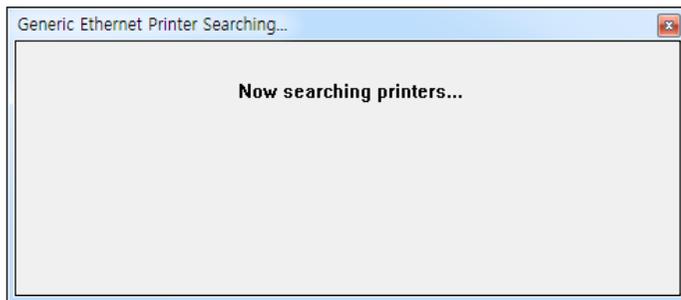


Name	Description
Using BlackMark	Set whether to activate blackmark.
Sensitivity	Set black mark sensitivity. Can be set from 1 to 12.
Set distance between BlackMarks	Set the black mark sensing length.
Set cutting position from BlackMark(F)	After detecting black marks, set the bottom margin before cutting. It can be set to at least -18mm. However, this value must be less than or equal to the value obtained by subtracting 13 from the output position setting value based on the cutting position (refer to CAUTION).
Set print position from cutting position(E)	Set the top margin for the next output. It can be set from 13mm to 100mm.

- 1 Click the Ethernet printer settings button.

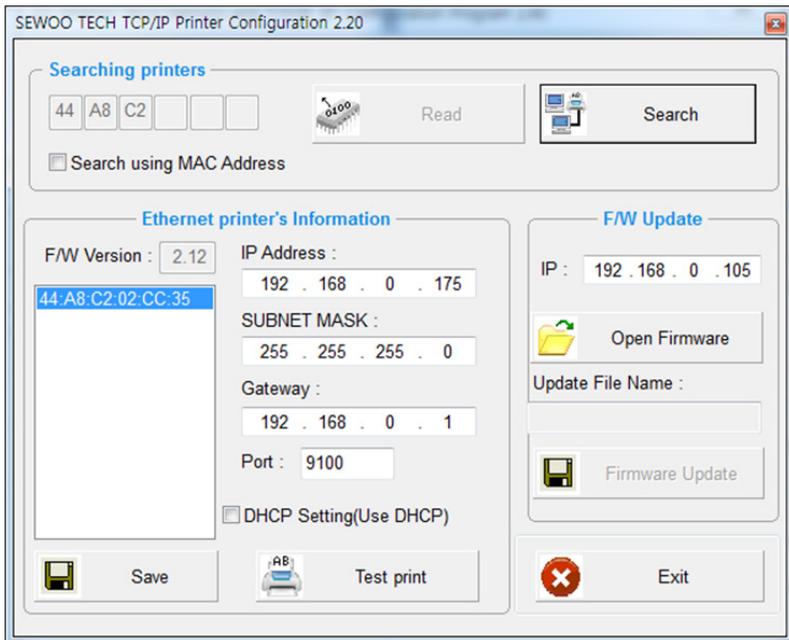


- 2 Click the Search button to find the printer.
(Once the search is complete, please check if the MAC address matches.)



3 You can set as follows.

(To use DHCP, you must check the DHCP settings.)



4 Press the test print button to check if printing is normal.

5 When you complete the settings, save them.

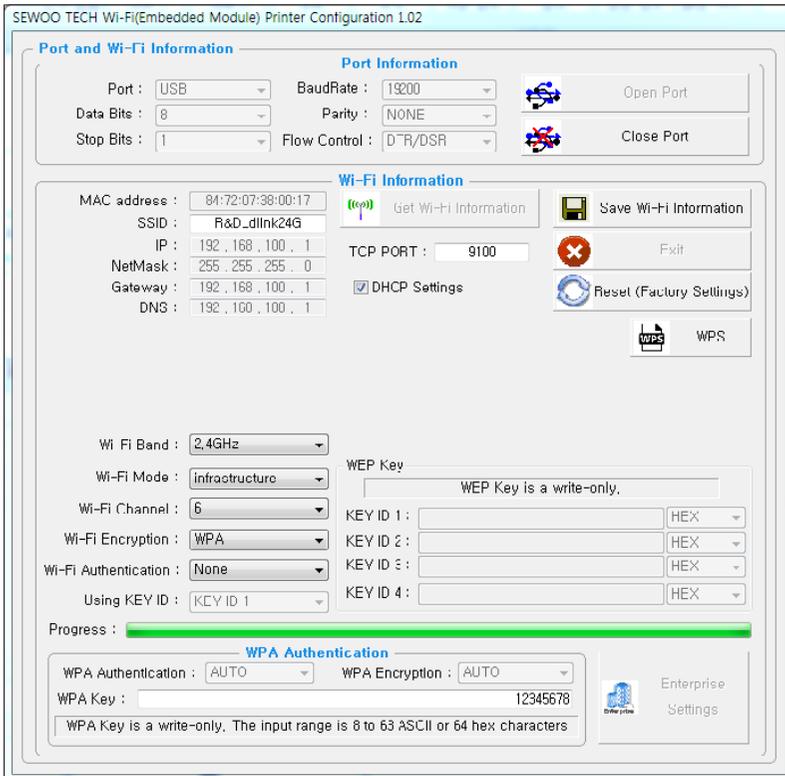
CAUTION!

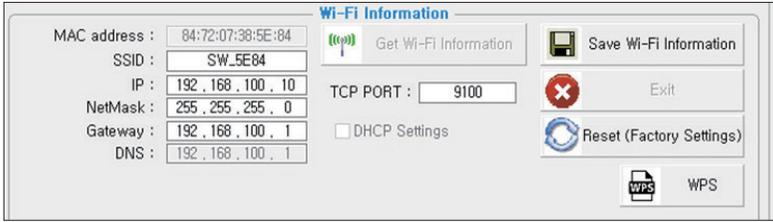
Only the Embedded Module type can be set. USB Dongle Type cannot be used.

- 1 Click the Wi-Fi (Embedded Type) printer settings button.

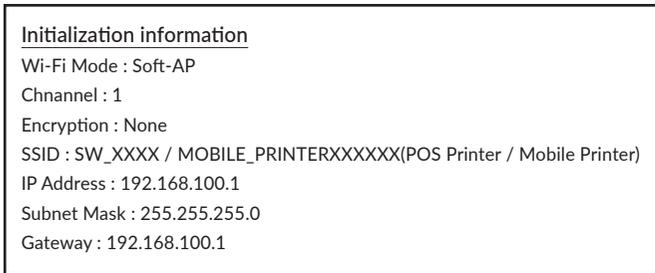


- 2 Click to open the port.
- 3 Read Wi-Fi information.
- 4 Make settings.
- 5 When you have completed the settings, save.





- Reset(Factory Settings) : Wi-Fi setting will be factory reset.



WPS : Ability to automatically connect to AP even if user does not enter setting information.
(AP must support WPS function.)

<How to use>

Press the WPS button in the Wi-Fi setting utility and press the AP WPS button to connect.

Use the following table to Wireless LAN setting.

Name	Description
SSID	The Network name to connect.
Wi-Fi Mode	Set the mode of the device to Ad-hoc, SoftAP, Infrastructure.
Wi-Fi Channel	Set the channel to use. 2.4GHz : 1 ~ 13 5GHz : 36 ~ 64, 100 ~ 165
Wi-Fi Encryption	Set the type of Encryption to none, WEP-64, WEP-128 or WPA/WPA2, Enterprise.(EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2)
Wi-Fi Authentication	Set the type of Authentication to open system, shared key or both.
Using KEY ID	Set the number of KEY to use from No. 1 to No. 4.
KEY ID 1 ~4	Enter value for up to 4 KEYS to ASCII or HEX.
DHCP Settings	IP address and DNS options are obtained using DHCP.
TCP Port	Set the port to use.
WPA Authentication	Set the type of Authentication to WPA-PSK, WPA2-PSK, Auto / TKIP, AES, Auto

– To Set Wi-Fi printer correctly, you need to check the AP's or Router's setting in advance. Ex) D-Link Router (Model: DIR-820L)

SSID : R&D_dlink24G

IP : 192 . 168 . 0 . 192

Netmask : 255 . 255 . 255 . 0

Gateway : 192 . 168 . 0 . 1

DNS : 192 . 168 . 0 . 1

Wi-Fi Mode : infrastructure

Wi-Fi Channel : 6

Wi-Fi Encryption : WPA

Wi-Fi Authentication : both

Using KEY ID : KEY ID 1

KEY ID 1 : ASCII

KEY ID 2 : ASCII

KEY ID 3 : ASCII

KEY ID 4 : ASCII

DHCP Settings

TCP Port : 9100

WPA

WPA Authentication : WPA2-PSK AES

WPA Encryption Key : 12345678

WPA Key is characters of 8 ~ 63 length

WIRELESS

Use this section to configure the wireless settings for your D-Link Router. Please note that changes made on this section may also need to be duplicated on your Wireless Client.

WIRELESS NETWORK SETTINGS

Wireless Band : 2.4GHz Band

Enable Wireless : Always

Wireless Network Name : R&D_dlink24G (Also called the SSID)

802.11 Mode : Mixed 802.11n, 802.11g and 802.11b

Enable Auto Channel Scan :

Wireless Channel : 2.437 GHz - CH 6

Transmission Rate : Best (automatic)

Channel Width : Auto 20/40 MHz

Visibility Status : Visible Invisible

WIRELESS SECURITY MODE

To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.

Security Mode : WPA-Personal

WPA

Use **WPA** or **WPA2** mode to achieve a balance of strong security and best compatibility. This mode uses WPA for legacy clients while maintaining higher security with stations that are WPA2 capable. Also the strongest cipher that the client supports will be used. For best security, use **WPA2 Only** mode. This mode uses AES(CCMP) cipher and legacy stations are not allowed access with WPA security. For maximum compatibility, use **WPA Only**. This mode uses TKIP cipher. Some gaming and legacy devices work only in this mode.

To achieve better wireless performance use **WPA2 Only** security mode (or in other words AES cipher).

WPA Mode : Auto (WPA or WPA2)

Cipher Type : TKIP and AES

Group Key Update Interval : 3600 (seconds)

PRE-SHARED KEY

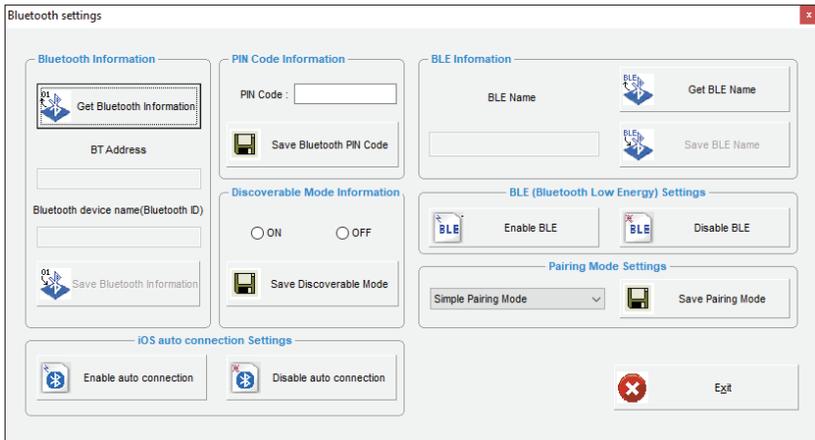
Enter an 8- to 63-character alphanumeric pass-phrase. For good security it should be of ample length and should not be a commonly known phrase.

Pre-Shared Key : *****

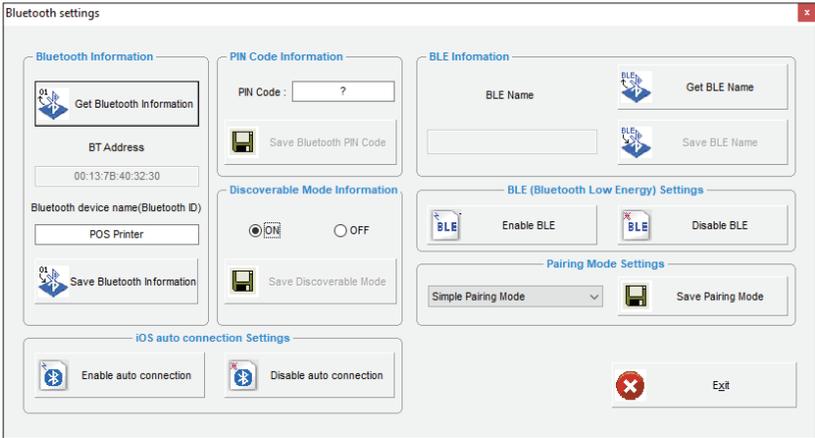
- 1 Click the Check printer connection button and then click the Bluetooth printer settings button.



- 2 Click to open the port.



3 Check the settings.



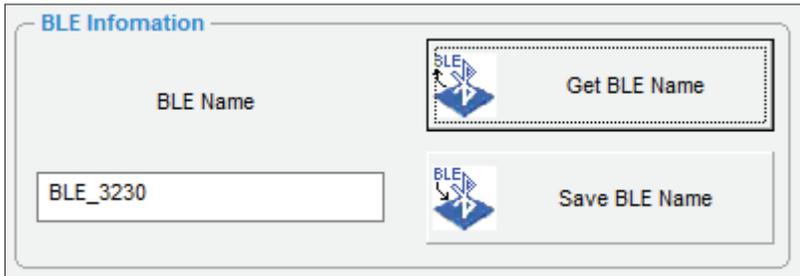
4 Save the settings information.

Use the following table to Bluetooth setting.

Name	Description
BT Address	The MAC address for Bluetooth Module.
Bluetooth device name (Bluetooth ID)	This is the name that appears in the list when searching for Bluetooth.
PIN Code	This value is required when pairing with a printer set to Pincode mode. (Default : 0000 or 1234)
Discoverable Mode	Set whether the printer will appear or not in a Bluetooth inquiry on another device, typically, a master device.
iOS auto connection Settings	This feature automatically connects to previously connected iOS devices.
Pairing Mode Settings	This function sets the pairing mode. – Numeric Comparison Mode – Simple Pairing mode (Default) – Pincode mode
BLE Name	This is the name that appears in the list when searching for BLE
BLE Settings	This is a function to select whether or not to set up BLE.

This is how to set the BLE (Bluetooth Low Energy) name.

- 1 Click the Get BLE Name button.



The screenshot shows a dialog box titled "BLE Information". It contains a label "BLE Name" above a text input field. The input field contains the text "BLE_3230". To the right of the input field are two buttons, each with a Bluetooth icon. The top button is labeled "Get BLE Name" and is highlighted with a dashed border. The bottom button is labeled "Save BLE Name".

- 2 Enter the BLE name and click the Save BLE Name button to save it.

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