

Barcode Printer

TSC Console PC

Thermal Transfer • Direct Thermal



User Manual

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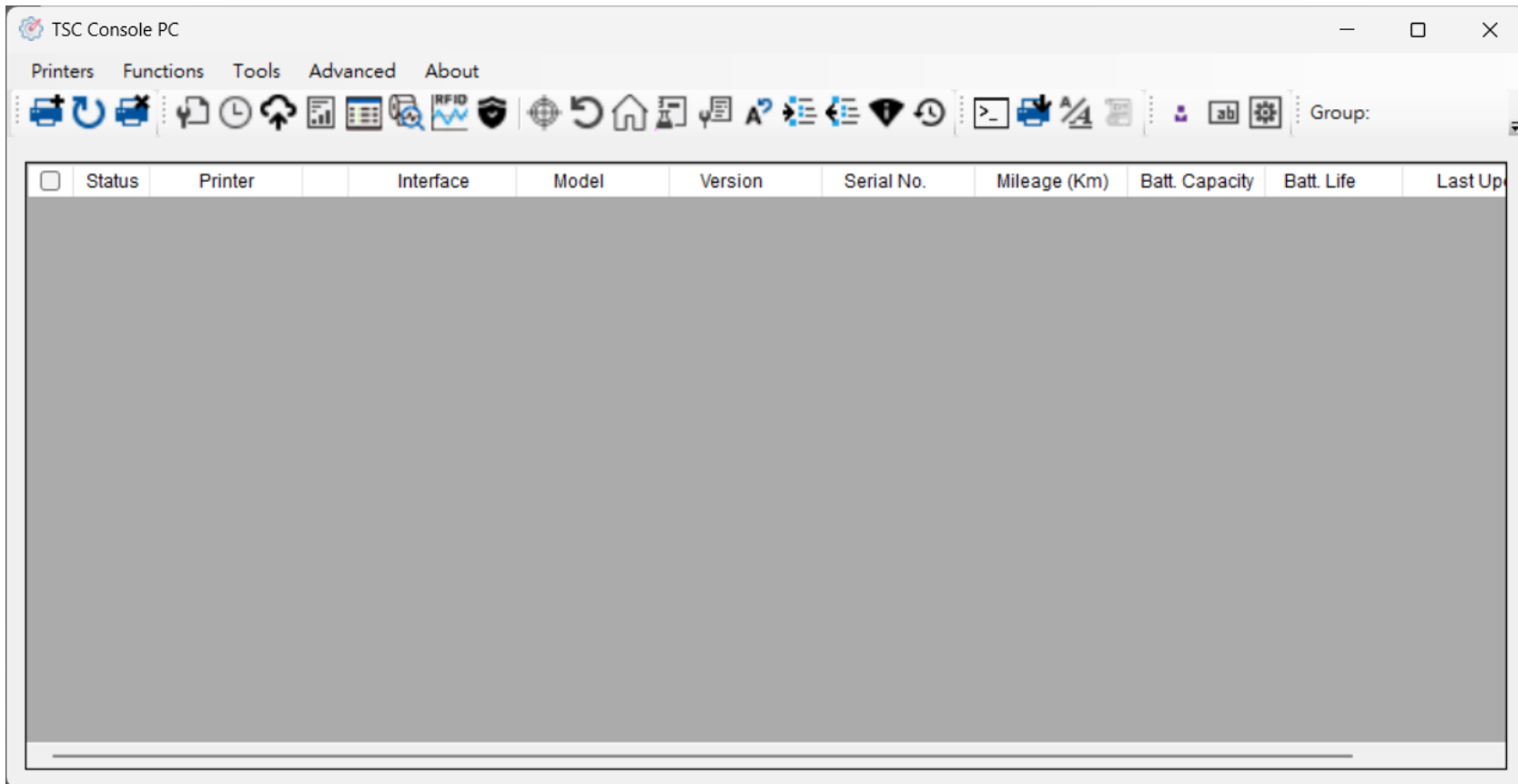
1. Introduction

TSC Console PC is a management tool combining the Printer Management, Diagnostic Tool, CommTool and Printer Webpage settings, which enables you to adjust printer's settings/status; change printers' settings; download graphics, deploy fonts, graphics, label templates or upgrade the firmware to the group of printers, and send additional commands to printers at the same time.

This manual provides the essential information and clear instructions for operating TSC Console PC. TSC Console PC can be found on TSC website at <https://www.tscprinters.com>

2. Getting Started

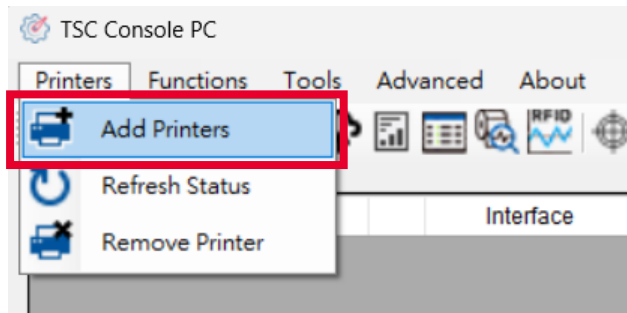
1. Unzip the TSC Console PC file.
2. Double click TSC Console PC icon to start the software.



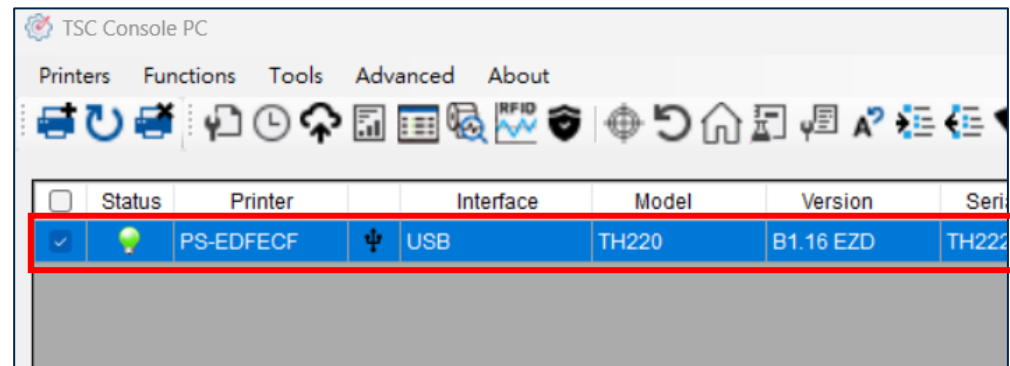
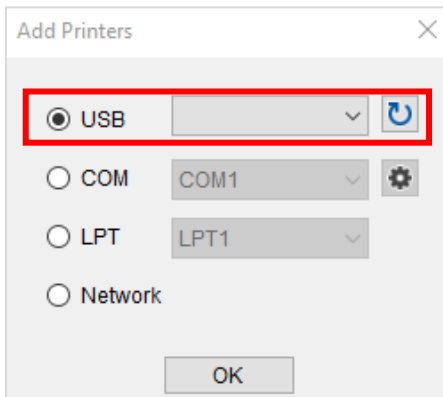
3. Interface Setup

3.1 USB

1. Click the **Printers** and select **Add Printers**. ()



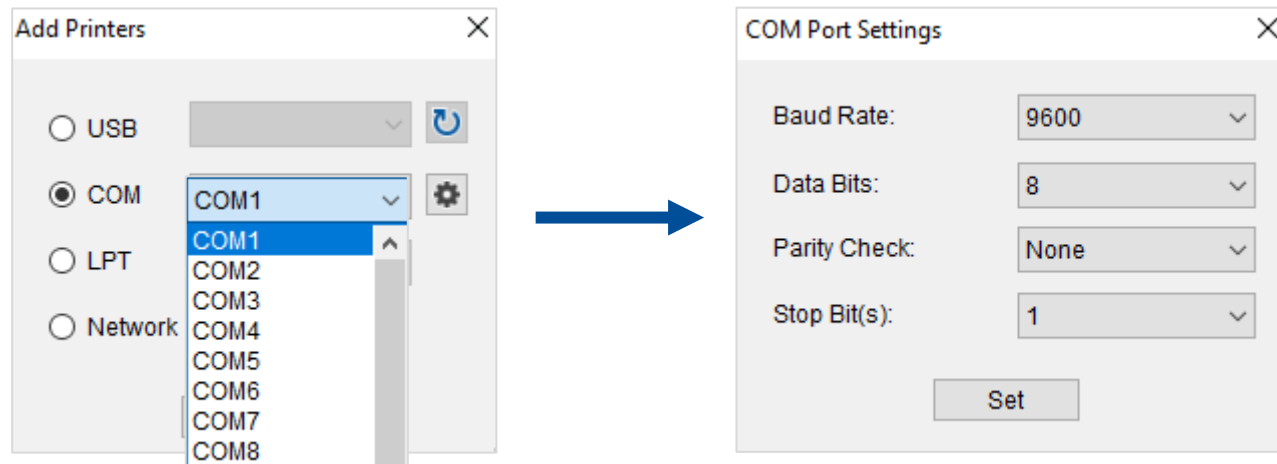
2. Select **USB** and click **OK** to find the device.



3.2 COM and LPT

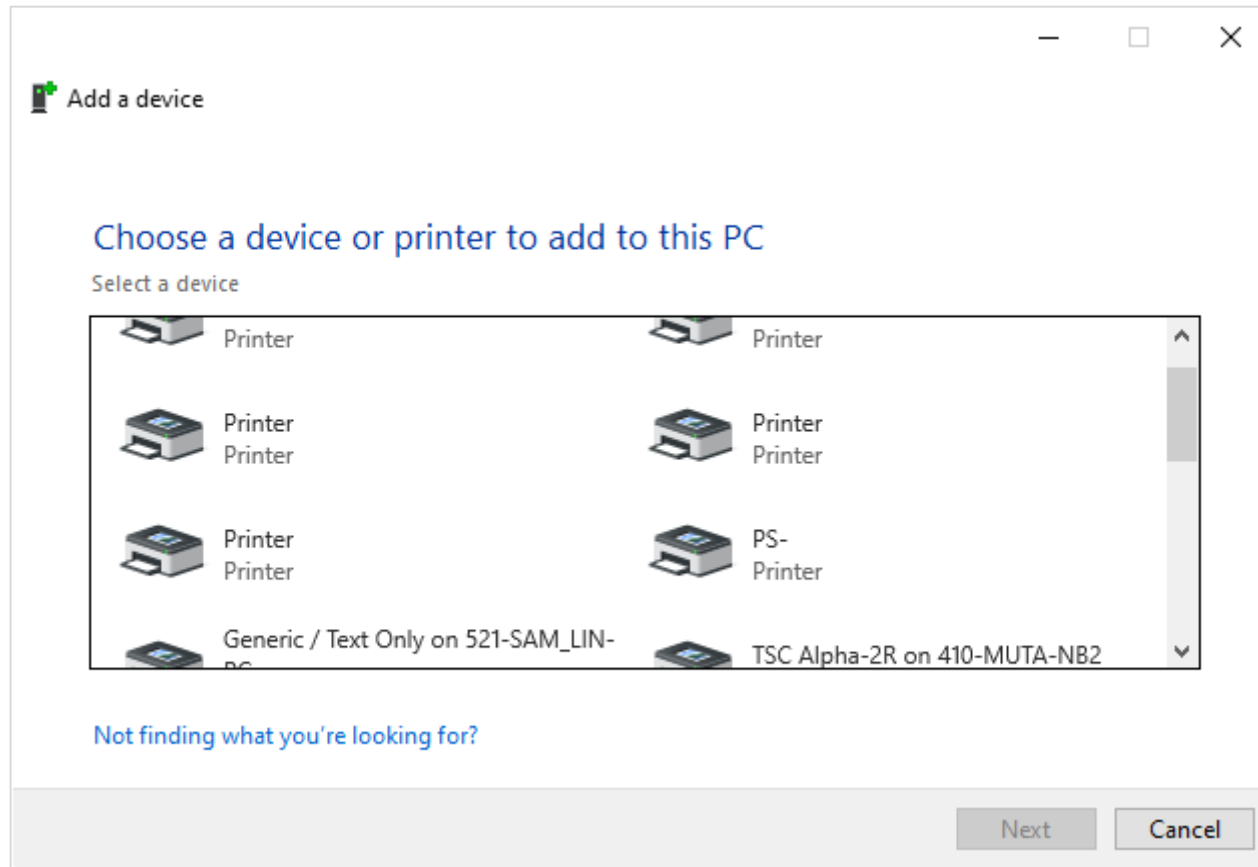
3.2.1 RS-232

1. Use **COM Port** through the computer to connect to the printer.
2. Select the corresponding **COM Port** and finish the setup.

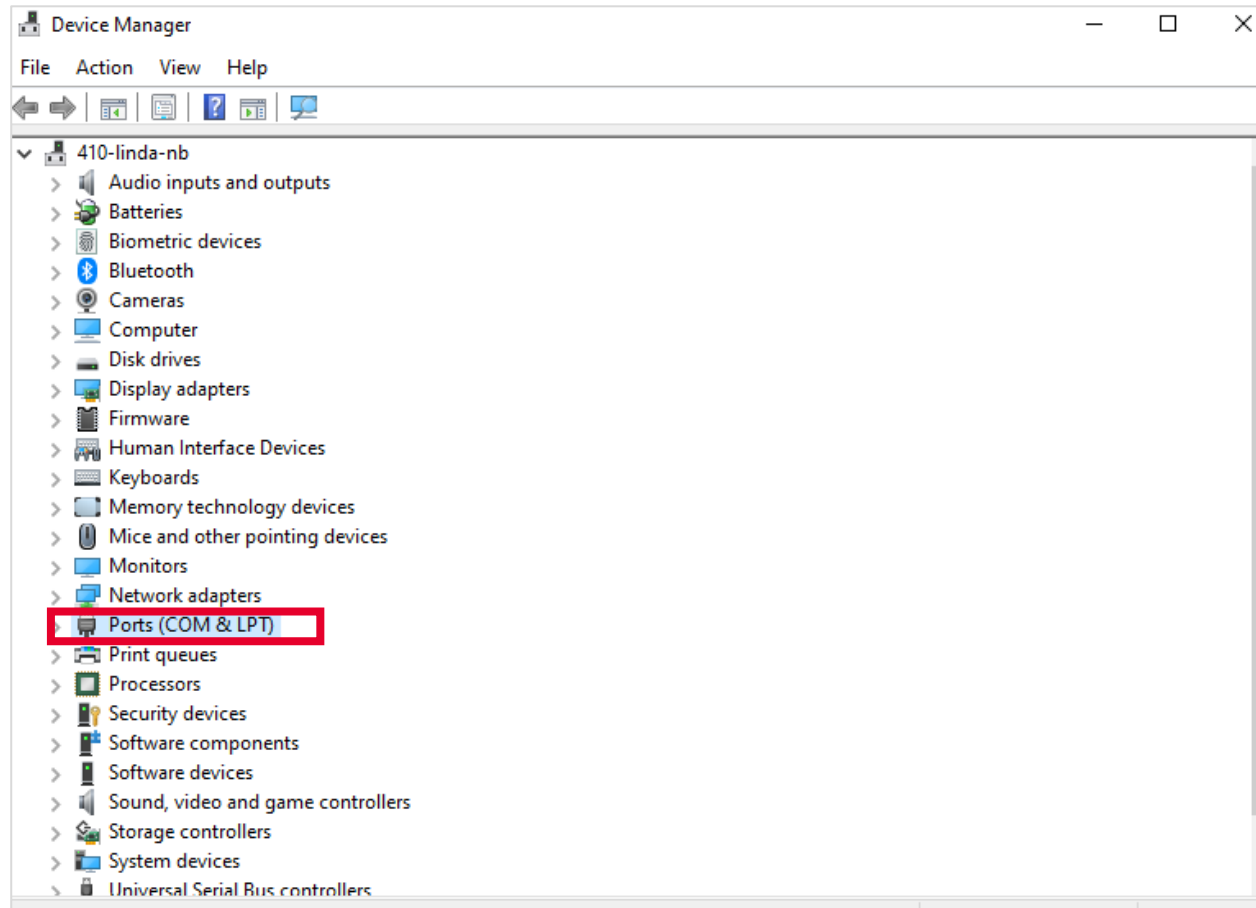


3.2.2 Bluetooth

1. [Control Panel] → [Hardware and Sound] → [Devices and Printers] → [Add Device] (Select the Bluetooth name)



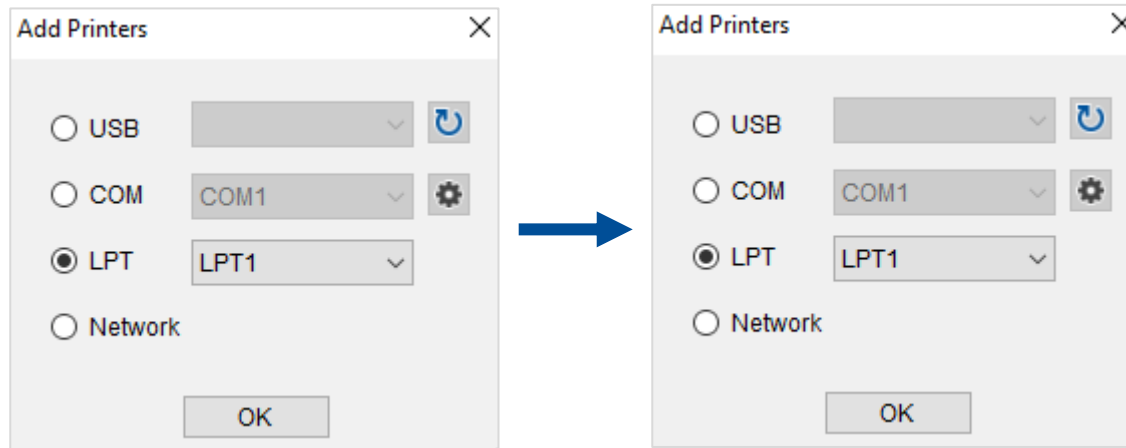
2. [Control Panel] → [Hardware and Sound] → [Devices and Printers] → [Device Manager] (Check COM Port)



3. Select the corresponding **Com Port** on **TSC Console PC**.

3.2.3 LPT

1. Select the **LPT Port** and click **OK**.



3.3 Network

3.3.1 Before Connecting to the Network

To comply with the new European RED (Radio Equipment Directive) requirements, the Network Block must be disabled before the printer's first network connection.

- **For USB setup (recommended in Europe):**
 1. Connect the printer via USB.
 2. Open **TSC Console** and go to **Functions > PRTSecure > Security Mode**.
 3. Set it to **"Standard"**.
- **For printers with LCD:**
 1. Go to **Menu > Advanced > PRTSecure**.
 2. Set Security Mode to **"Standard"**.

Note:

For more information, refer to the PRTSecure section. The PRTSecure feature is supported only with TSC Console version V3.4.0.5 or later.

3.3.2 Set Ethernet and Add to TSC Console PC Interface

1. Use **USB** or **COM** to establish the interface on **TSC Console PC**.
2. Double click to enter the **Printer Configuration Page** > Click **Ethernet** tab > Set the **Ethernet** > When the setting is complete, click the **Set** button on the right. (For DHCP, press the **Get** button to check the **IP Address** after setup, or check on the printer LCD control panel.)

The screenshot shows the 'Printer Configuration' window with the 'Printer Configuration' tab selected. The 'Ethernet' tab is highlighted with a red box and labeled '1'. The configuration fields for Ethernet are shown, with the 'DHCP' radio button selected. The fields for IP Address, Subnet Mask, Gateway, and MAC Address are all set to 0.0.0.0. A red box labeled '2' highlights the 'Set' button next to the IP Address field. At the bottom right, the 'Get' button is highlighted with a red box and labeled '3'.

Printer Configuration

Printer Configuration Emulation TPH Care Smart Battery Unit: mm

Printer Function

Calibration

RTC Setup

Factory Default

Reset Printer

Print Test Page

Configuration Page

Dump Text

Ignore AUTO.BAS

Exit Line Mode

Enter Line Mode

Wi-Fi Default

IPv6 Setup

RFID Setup

GPIO Setup

Wi-Fi Advanced

RFID Configuration

Linerless Clean-Cutter

Label Sensor Setup

HF RFID Configuration

Get Status

Save Load

Printer Configuration

Version:

Serial Number:

Checksum:

Ribbon Remaining:

Label Count:

Cutting Counter:

Mileage (Km):

TPH S/N:

TPH Odometer:

Cutter S/N:

Ribbon Saver S/N:

Ribbon Saver Counter:

Reset

Reset

Common RS-232 Bluetooth Wi-Fi Ethernet 802.1X SMTP SNTP

☐ DHCP ☐ Static IP

IP Address: 0.0.0.0

Subnet Mask: 0.0.0.0

Gateway: 0.0.0.0

MAC Address:

Set

Primary DNS IP: 0.0.0.0

Secondary DNS IP: 0.0.0.0

Set

Printer Name:

Set

Raw Port:

Set

Set Get



The screenshot shows the 'Ethernet' configuration window with the 'DHCP' radio button selected. The fields for IP Address, Subnet Mask, Gateway, and MAC Address are all set to 10.0.10.180, 255.255.255.0, 10.0.10.251, and 00:1B:82:ED:1B:98 respectively. A 'Set' button is visible on the right.

Common RS-232 Bluetooth Wi-Fi Ethernet 802.1X SMTP SNTP

☒ DHCP ☐ Static IP

IP Address: 10.0.10.180

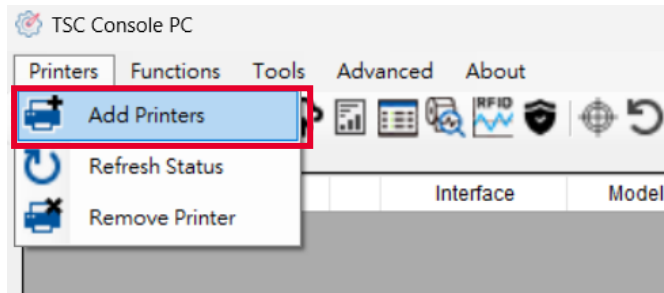
Subnet Mask: 255.255.255.0

Gateway: 10.0.10.251

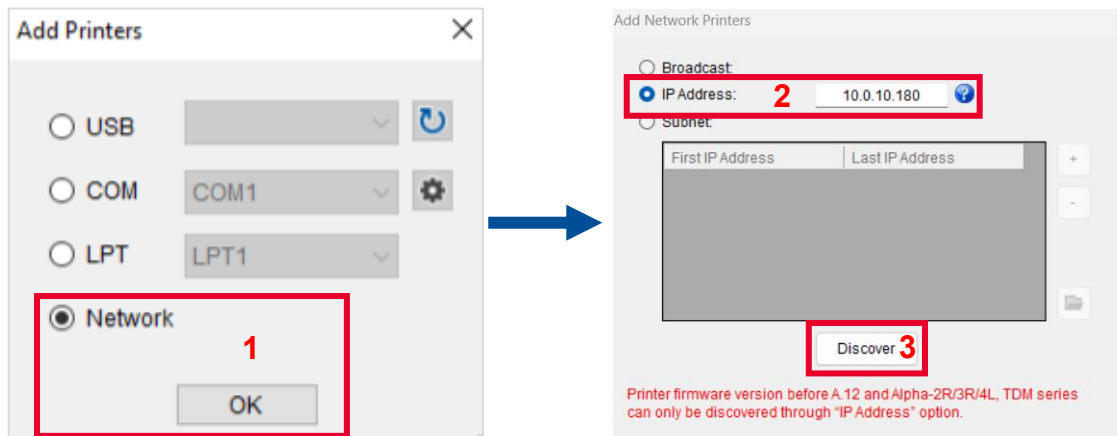
MAC Address: 00:1B:82:ED:1B:98

Set

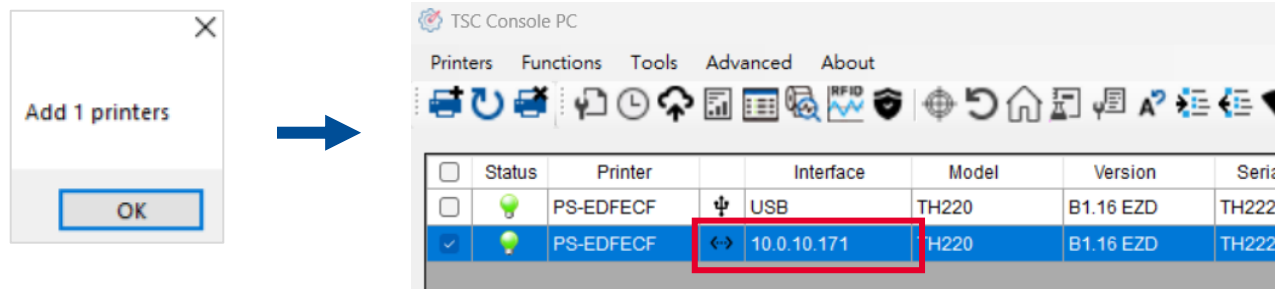
3. Return to **TSC Console** main page > Click **Add Printer** on the top left of the window.



4. Choose **Network** > Key in the **IP Address** > Click **Discover** to establish the Ethernet interface.

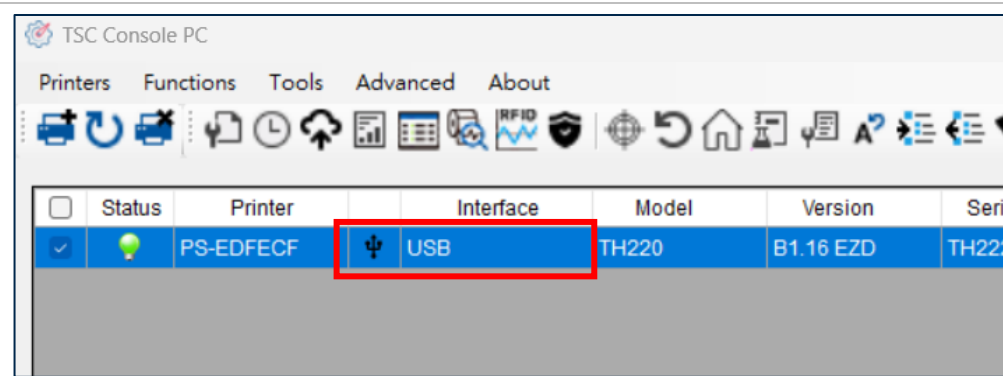


5. If the connection is successful, the Add Printer window will pop up > Click **OK** to close the window > The **TSC Console** will appear for printer that use the Ethernet interface.

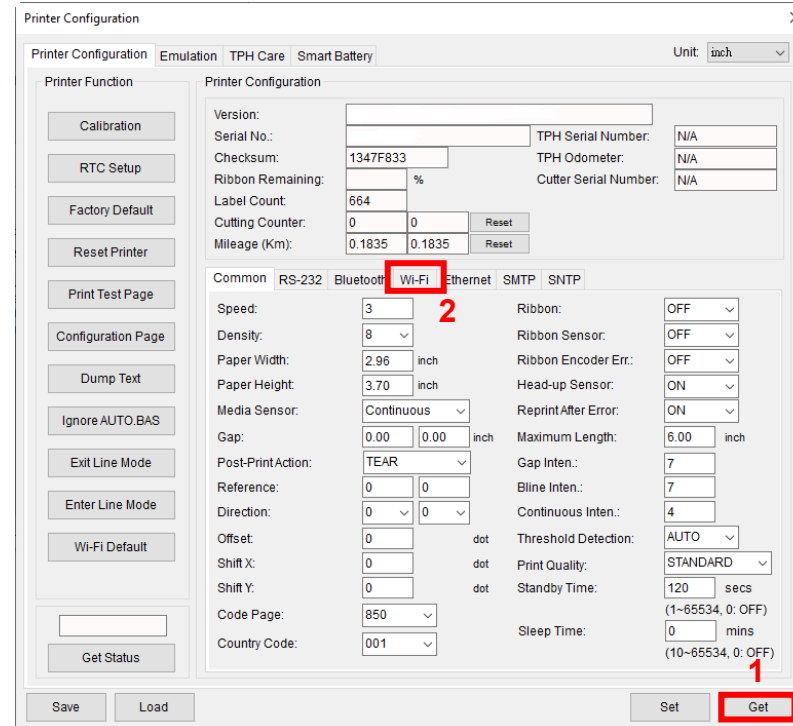


3.3.3 Set Wi-Fi and Add to TSC Console PC Interface

1. Use **USB** or **COM Port** to set up the interface.
2. Double click to enter the printer configuration page.



3. Click **Get** to receive printer's information.
4. Click **Wi-Fi** to the wi-fi setting page.



For WPA-Personal

- I. Fill-in the **SSID**.
- II. Select the Encryption option to **WPA-Personal**.
- III. Fill-in the Key.
- IV. Select **DHCP** to **ON**. (For **OFF** option, please fill-in the IP Address, Subnet Mask and Gateway)
- V. After setting, click the **Set** button.

Note:

Before setting, the entered field will be shown in yellow for reminding. On DHCP, user can change the printer name by another model name in "Printer Name" field.

User also can change the raw port in "Raw Port" field.

Common RS-232 Bluetooth Wi-Fi Ethernet SMTP SNTP

Built-in Wi-Fi Module

SSID: SSID_1

WLAN Encryption: WPA-Personal

Key: *****

DHCP: ON

IP Address: 0.0.0.0

Subnet Mask: 0.0.0.0

Gateway: 0.0.0.0

Primary DNS IP: 0.0.0.0

Secondary DNS IP: 0.0.0.0

Raw Port: 9100

Printer Name: PS-FF153C

MAC Address: 00:1B:82:FF:15:3C

EAP Type: [Dropdown]

Username: [Text]

Password: [Text]

CA Certificate: [Text] [Browse]

Client Certificate: [Text] [Browse]

Private Key: [Text] [Browse]

EAP-FAST PAC: [Text] [Browse]

☐ Perform Wi-Fi default when using USB interface

Set Get

For WPA-Enterprise

- I. Fill-in the **SSID**.
- II. Select the Encryption option to **WPA-Enterprise**.
- III. Select DHCP to **ON** (For **OFF** option, please fill-in the IP Address, Subnet Mask and Gateway)
- IV. Select the **EAP Type** option. (For **EAP-TLS** option, please upload the CA and Key for mutual authentication, integrity-protected cipher suite negotiation, and key exchange between two endpoints.)
- V. After setting, click the **Set** button.

Note:

Before setting, the entered field will be shown in yellow for reminding. On DHCP, user can change the printer name by another model name in "Printer Name" field.

User also can change the raw port in "Raw Port" field.

Common RS-232 Bluetooth Wi-Fi Ethernet SMTP SNTP

Built-in Wi-Fi Module

SSID: SSID_2

WLAN Encryption: WPA-Enterprise

Key: *****

DHCP: ON

IP Address: 0.0.0.0

Subnet Mask: 0.0.0.0

Gateway: 0.0.0.0

Primary DNS IP: 0.0.0.0

Secondary DNS IP: 0.0.0.0

Raw Port: 9100

Printer Name: PS-FF153C

MAC Address: 00:1B:82:FF:15:3C

EAP Type: [Dropdown]

Username: [Text]

Password: [Text]

CA Certificate: [Text] [Browse]

Client Certificate: [Text] [Browse]

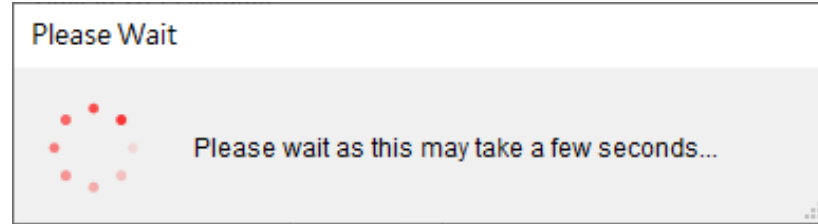
Private Key: [Text] [Browse]

EAP-FAST PAC: [Text] [Browse]

☐ Perform Wi-Fi default when using USB interface

Set Get

5. After clicking **Set** button, it'll pop-up the window tip as below shown.

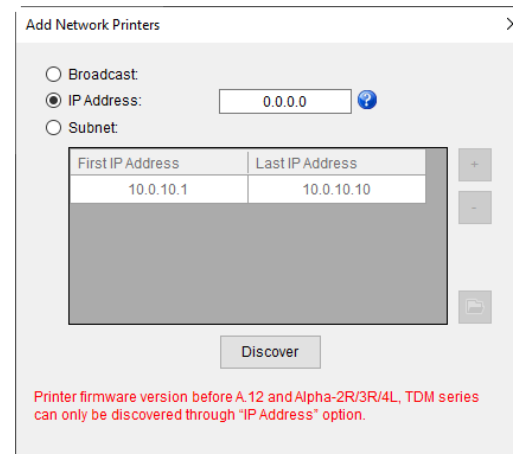


6. IP address will be shown in the “IP address” field and the Wi-Fi logo and IP address will be displayed on the LCD control panel.

Note:

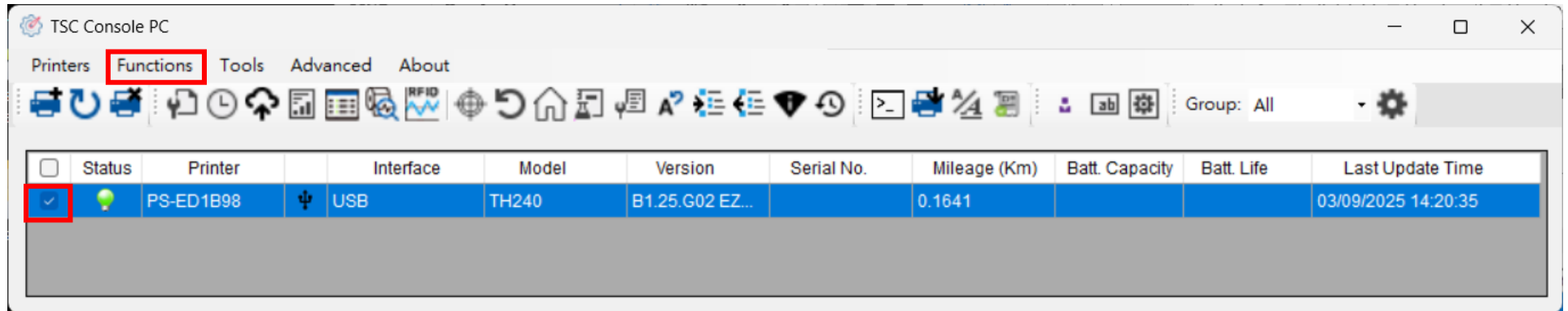
IP address should be shown within about 5 to 15 seconds after printer turn on. If not, please refer to steps below to initialize the printer Wi-Fi module settings then to setup it again.

7. Remove the cable between the computer and the printer.
8. Go to main page, click **Add Printer** to add the printer via **Network**.
9. Select the printer and enter the setting page by double clicking the printer.
10. Click the **Print Test Page** button to print the test page via Wi-Fi interface.

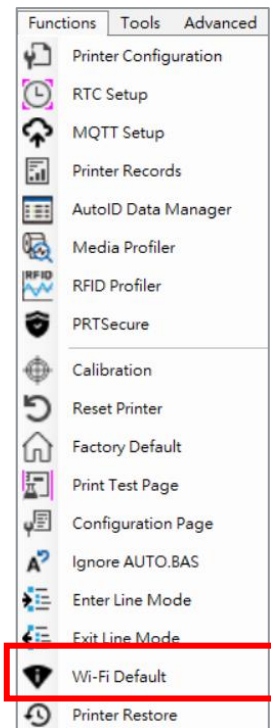


3.3.4 Initialize the Printer Wi-Fi Setting

1. Return to the main page of TSC Console. Select the printer and click **Functions** to expand the page.

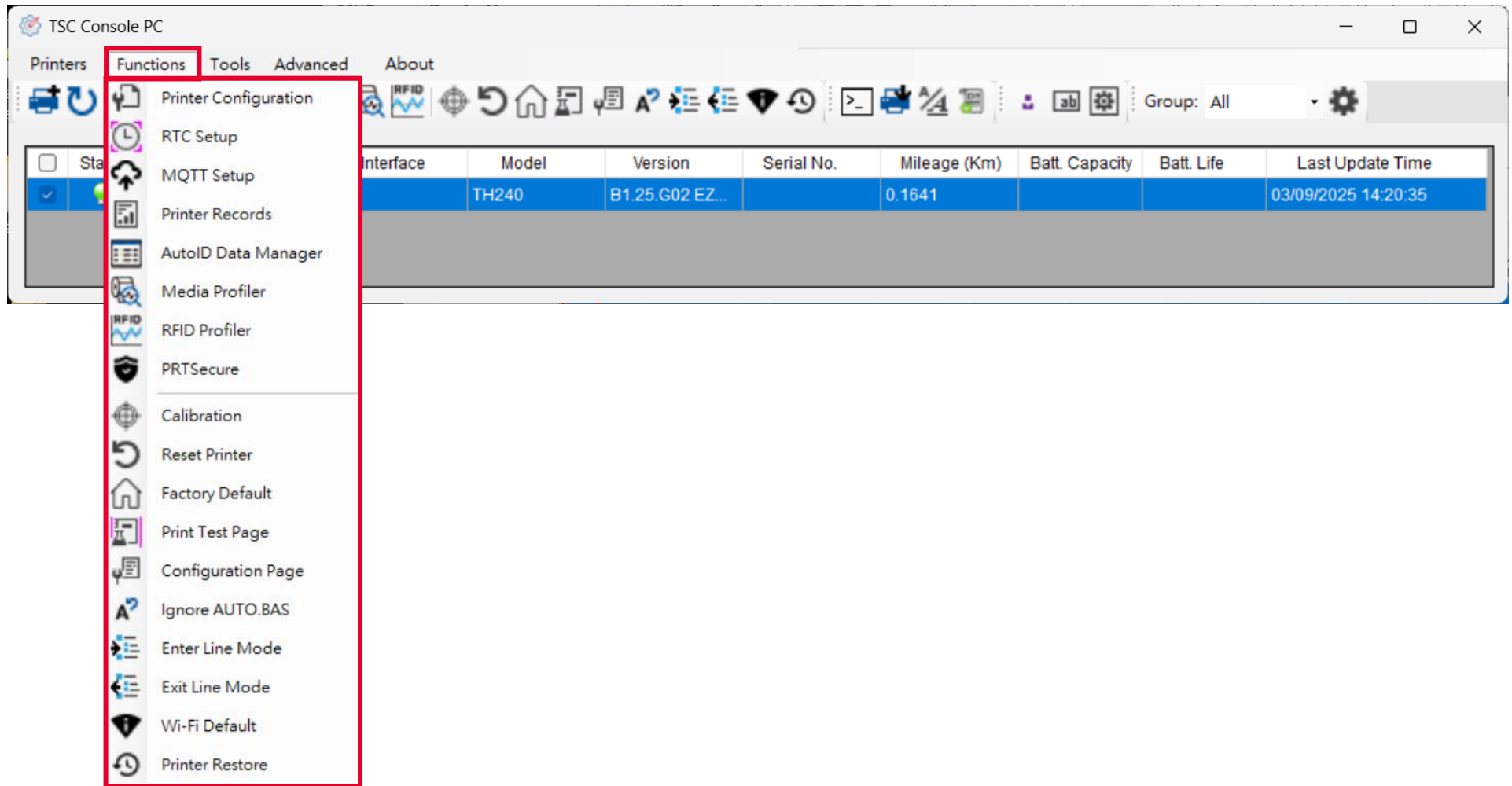


2. Click **Wi-Fi Default** to initialize the printer Wi-Fi module setting to factory default setting.



4. Function

Functions shows the settings and functions for the printer, users can access to the page by following below picture's instruction or **double clicking** the established printer in **TSC Console PC**.



4.1 Printer Configuration

Printer Configuration contains most functions and setting to the printer, click **Function** on **TSC Console** main page, then click **Printer Configuration** to enter the page.

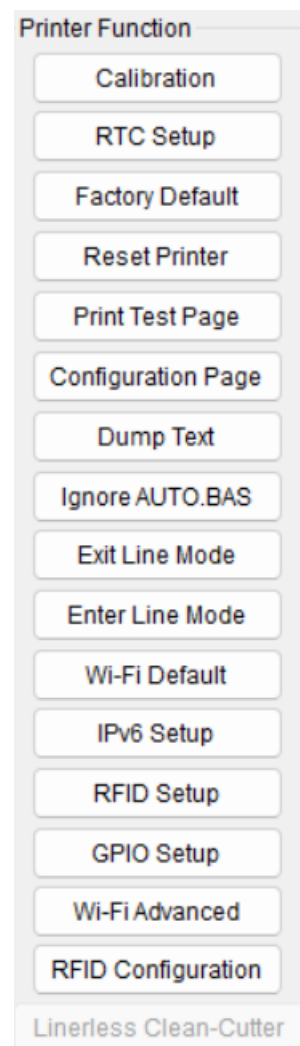
4.1.1 Printer Configuration Overview

The screenshot displays the 'Printer Configuration' window with the following components:

- Printer Configuration Feature's Tab**: Includes 'Printer Configuration', 'Printer Function', 'Printer Setup', and 'Smart Battery'.
- Change the Unit**: A button to switch units.
- Printer Function**: A list of functions including Calibration, RTC Setup, Factory Default, Reset Printer, Print Test Page, Configuration Page, Dump Text, Ignore AUTO PAS, Exit Line Mode, Enter Line Mode, Wi-Fi Default, IPv6 Setup, RFID Setup, GPIO Setup, Wi-Fi Advanced, RFID Configuration, and Linerless Clean-Cutter.
- Printer Information**: A section for printer details including Version, Serial Number, Checksum, Ribbon Remaining, Label Count, Cutting Counter, Mileage (Km), TPH S/N, TPH Odometer, Cutter S/N, Ribbon Saver S/N, and Ribbon Saver Counter.
- Printer Setup Tab**: A section for printer settings including Common, RS-232, Bluetooth, Wi-Fi, 802.1X, SMTP, and SNTP.
- Printer Setup**: A section for printer setup including Speed, Density, Paper Width, Paper Height, Media Sensor, Gap, Post-Print Action, Reference, Direction, Offset, Shift X, Shift Y, Vertical DPI, Code Page, Country Code, Ribbon, Ribbon Sensor, Ribbon Encoder Err., Ribbon Saver, Head-up Sensor, Reprint After Error, Maximum Length, Bline Inten., Continuous Inten., Threshold Detection, Print Quality, Standby Time, and Sleep Time.
- Get Status**: A button to get the status of the printer.
- Save/ Load/ Set/ Get the Settings**: A section with buttons for Save, Load, Set, and Get.

4.1.2 Printer Functions

Printer Function could be found in **Printer Configuration**. “**Printer Function**” will be shown on the left side of the window.



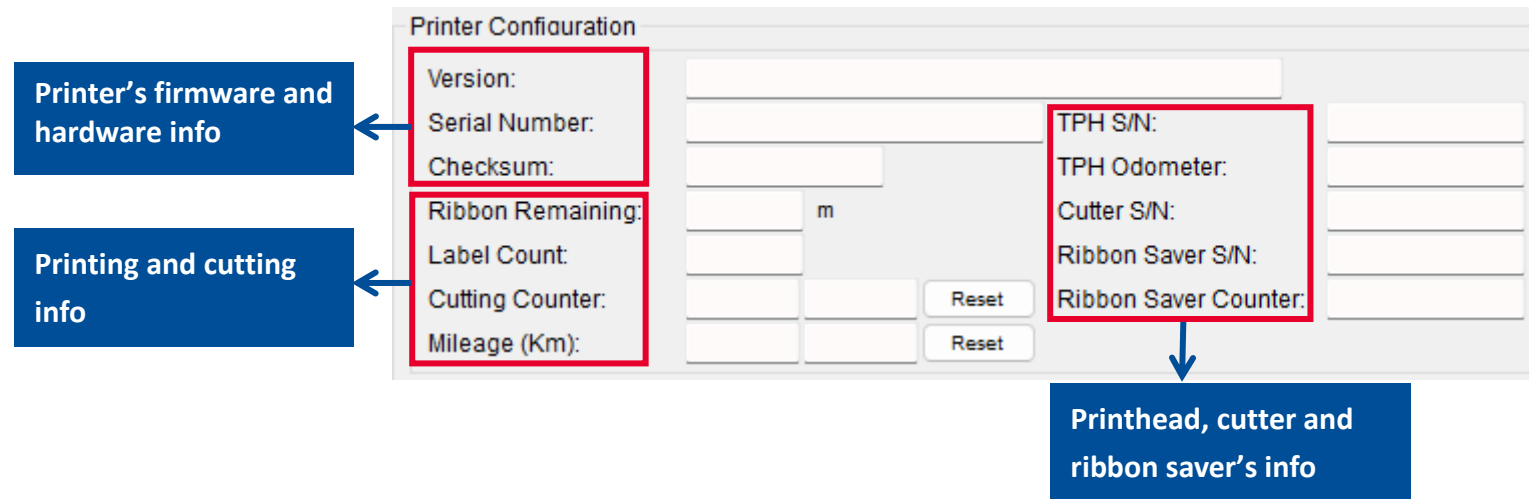
Functions	Description
Calibrate	Detect media types and the size of the label
RTC Setup	Synchronize printer with Real Time Clock on PC
Factory Default	Initialize the printer to default settings
Reset Printer	Reboot printer
Print Test Page	Print test page according to the specified label size and sensor type.
Configuration Page	Print printer configurations
Dump Text	Activate the printer to dump mode
Ignore AUTO.BAS	Ignore AUTO.BAS file when printer boot up
Exit Line Mode	Exit the line mode to page mode
Enter Line Mode	Leave page mode and enter line mode
Wi-Fi Default	Restore the Wi-Fi settings to defaults.
IPv6 Setup	Enter the IPv6 settings window to configure the settings
RFID Setup	Enter the RFID settings window to configure the settings
GPIO Setup	Enter the GPIO settings window to configure the settings
Wi-Fi Advanced	Enter the Wi-Fi module's Advanced Settings window to configure the settings
RFID Configuration	Enter the RFID configuration window to configure the settings
Linerless Clean-Cutter	Enter the Linerless Clean-Cutter window to set the linerless cutter for cleaning

Note: Please refer to [TSC RFID Manual](#) for more information. Alternatively, you can scan the QR code below to have access to the TSC RFID Manual.



4.1.3 Printer Information

Printer Information area allows users to check up printer's information.



Note:

The information sent back by the printer here will vary depending on the model, the data will be sent back only if this function is available.

4.1.4 Printer Setup - Common

Printer Information area allows users to check/ set the printer's settings.

The image shows a screenshot of a printer's configuration interface, specifically the 'Common' tab. The interface is divided into two main columns of settings. On the left, there are settings for media and printer actions, while on the right, there are settings for sensors and printer behaviors. Blue callout boxes with arrows point to specific sections of the interface, explaining their functions.

Common	RS-232	Bluetooth	Wi-Fi	Ethernet	802.1X	SMTP	SNTP
Speed:							
Density:							
Paper Width:							
Paper Height:							
Media Sensor:							
Gap:							
Post-Print Action:							
Reference:							
Direction:							
Offset:							
Shift X:							
Shift Y:							
Code Page:							
Country Code:							
Ribbon:							
Ribbon Sensor:							
Ribbon Encoder Err.:							
Ribbon Saver:							
Head-up Sensor:							
Reprint After Error:							
Maximum Length:							
Gap Inten.:							
Bline Inten.:							
Continuous Inten.:							
Threshold Detection:							
Print Quality:							
Standby Time:							
Sleep Time:							

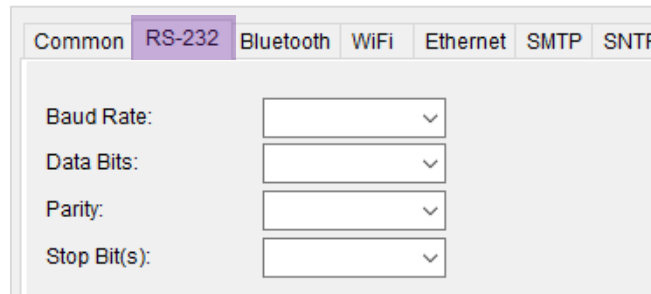
Callouts and their corresponding settings:

- Set printing speed and printing density**: Points to Speed and Density.
- Set media's size**: Points to Paper Width and Paper Height.
- Set media sensor and gap value**: Points to Media Sensor and Gap.
- Set printer's action and direction**: Points to Post-Print Action, Reference, and Direction.
- Set the region code**: Points to Code Page and Country Code.
- Set ribbon sensor**: Points to Ribbon Sensor.
- Set printer behaviors**: Points to Reprint After Error.
- Set intensity of media sensor**: Points to Gap Inten., Bline Inten., and Continuous Inten.
- Exclusive settings for mobile printer**: Points to Print Quality.

Buttons: Set, Get

4.1.5 Printer Setup - RS-232

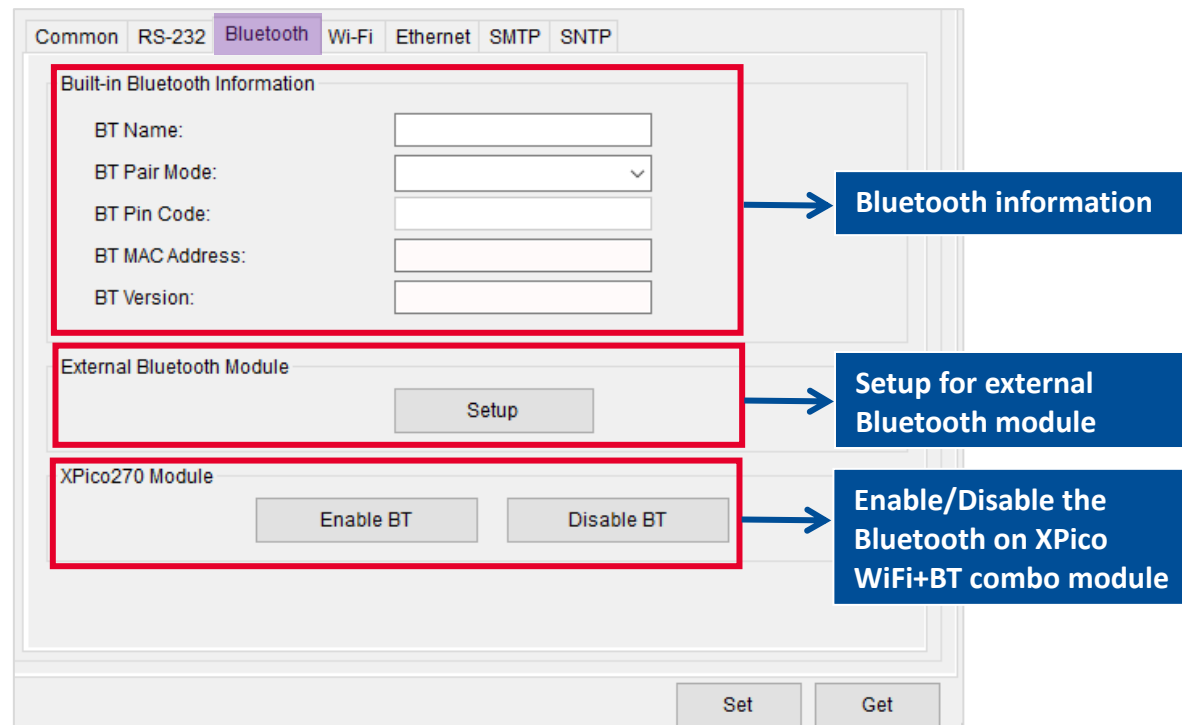
RS-232 area provides the settings to set up the RS-232 interface.



The screenshot shows the 'RS-232' tab selected in a configuration menu. The menu includes tabs for Common, RS-232, Bluetooth, WiFi, Ethernet, SMTP, and SNTP. The RS-232 section contains four dropdown menus: Baud Rate, Data Bits, Parity, and Stop Bit(s).

4.1.6 Printer Setup - Bluetooth

Bluetooth area provides users to check and set printers' Bluetooth settings.



The screenshot shows the 'Bluetooth' tab selected in the configuration menu. The menu includes tabs for Common, RS-232, Bluetooth, Wi-Fi, Ethernet, SMTP, and SNTP. The Bluetooth section is divided into three main areas, each highlighted with a red box and an annotation:

- Built-in Bluetooth Information:** This section includes fields for BT Name, BT Pair Mode (a dropdown), BT Pin Code, BT MAC Address, and BT Version. An arrow points from this box to a blue callout that says "Bluetooth information".
- External Bluetooth Module:** This section contains a "Setup" button. An arrow points from this box to a blue callout that says "Setup for external Bluetooth module".
- XPico270 Module:** This section contains two buttons: "Enable BT" and "Disable BT". An arrow points from this box to a blue callout that says "Enable/Disable the Bluetooth on XPico WiFi+BT combo module".

At the bottom of the configuration window, there are "Set" and "Get" buttons.

4.1.7 Printer Setup - Wi-Fi

Wi-Fi area is used to check & set printers' Wi-Fi settings.

For setting up the Wi-Fi, please refer to [Set Wi-Fi and Add to TSC Console PC Interface](#).

The image shows a software interface for configuring a printer's Wi-Fi settings. At the top, there are tabs for different connection methods: Common, RS-232, Bluetooth, Wi-Fi (which is currently selected and highlighted in purple), Ethernet, 802.1X, SMTP, and SNMP. Below the tabs is a section titled "Wi-Fi Module". This section contains two columns of settings. The left column includes fields for SSID, WLAN Encryption (a dropdown menu), Key, DHCP (a dropdown menu), IP Address, Subnet Mask, Gateway, Primary DNS IP, Secondary DNS IP, Raw Port, Printer Name, and MAC Address. The right column includes fields for EAP Type (a dropdown menu), Username, Password, CA Certificate, Client Certificate, Private Key, EAP-FAST PAC, Fast BSS Transition (802.11r) (a dropdown menu), Wi-Fi Version, and RSSI. Some of these fields have associated buttons: "Filename" and "Browse" next to the Password field, and "..." buttons next to the CA Certificate, Client Certificate, Private Key, and EAP-FAST PAC fields. At the bottom left of the Wi-Fi Module section, there is a checkbox labeled "Perform Wi-Fi default when using USB interface". At the bottom right of the entire interface, there are two buttons: "Set" and "Get".

Common	RS-232	Bluetooth	Wi-Fi	Ethernet	802.1X	SMTP	SNMP
Wi-Fi Module							
SSID:				EAP Type:			
WLAN Encryption:				Username:			
Key:				Password:			
DHCP:				Filename		Browse	
IP Address:				CA Certificate:			
Subnet Mask:				Client Certificate:			
Gateway:				Private Key:			
Primary DNS IP:				EAP-FAST PAC:			
Secondary DNS IP:				Fast BSS Transition (802.11r):			
Raw Port:				Wi-Fi Version:			
Printer Name:				RSSI:			
MAC Address:							
☐ Perform Wi-Fi default when using USB interface							
				Set Get			

4.1.8 Printer Setup - Ethernet

Ethernet area is used to check & set printers' Ethernet settings.

For setting up the Ethernet, please refer to [Set Ethernet and Add to TSC Console PC Interface](#).

The screenshot shows a web-based configuration interface for a printer's Ethernet settings. At the top, there is a horizontal menu with tabs: Common, RS-232, Bluetooth, Wi-Fi, Ethernet (highlighted in purple), 802.1X, SMTP, and SNTP. Below the tabs, the Ethernet configuration area contains several sections:

- IP Configuration:** Two radio buttons at the top allow selecting between "DHCP" (selected) and "Static IP". Below this, there are input fields for "IP Address:", "Subnet Mask:", and "Gateway:", each with the default value "0.0.0.0". A "MAC Address:" field is also present but empty. A "Set" button is located to the right of these fields.
- DNS Configuration:** Input fields for "Primary DNS IP:" and "Secondary DNS IP:", both with the default value "0.0.0.0". A "Set" button is to the right.
- Printer Name:** An input field for the "Printer Name:" with an empty field and a "Set" button to its right.
- Raw Port:** An input field for the "Raw Port:" with an empty field and a "Set" button to its right.

At the bottom right of the interface, there are two buttons: "Set" and "Get".

4.1.9 Printer Setup – 802.1X (for Ethernet)

802.1X area is used to set printers' Ethernet 802.1X settings.

The screenshot shows a configuration window with tabs at the top: Common, RS-232, Bluetooth, Wi-Fi, Ethernet, 802.1X (selected), SMTP, and SNTP. The 802.1X tab contains the following settings:

- EAP Mode: A dropdown menu.
- EAP Identity: A text input field.
- User Name: A text input field.
- User Password: A text input field.
- CA Certificate: A text input field with a "Browse" button (three dots) to its right.
- Client Certificate: A text input field with a "Browse" button (three dots) to its right.
- Client Key: A text input field with a "Browse" button (three dots) to its right.
- Client Key Password: A text input field.
- TLS Version: Three radio buttons labeled 1.0, 1.1, and 1.2.
- Verify TLS Certificate: Two checkboxes, "Server Cert" and "Client Cert", both of which are checked.
- Leave 802.1X Timeout: A text input field followed by the unit "mins".

A "Set" button is located on the right side of the configuration area.

4.1.10 Printer Setup - SMTP (Simple Mail Transfer Protocol)

When **SMTP** setup is complete, printer will automatically send receiver a mail of notification in case the printer is in error state.

Note: Only support firmware A2.13 or above version (Ethernet / Wi-Fi).

Common RS-232 Bluetooth Wi-Fi Ethernet 802.1X **SMTP** SNTP

SMTP Server:

SMTP Authentication:

☐ Disable ☐ Enable

Username:

Password:

Sender E-mail Address:

Receiver E-mail Address:

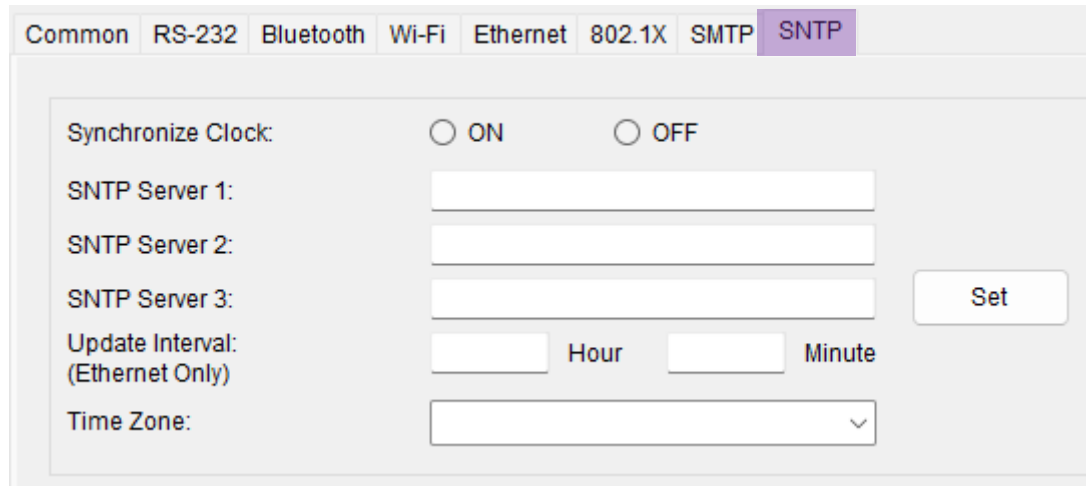
Error Notification: ☐ ON ☐ OFF

Notify Mileage Interval: Km

4.1.11 Printer Setup - SNTP (Simple Network Time Protocol)

SNTP allows user sync printer system clock with ethernet timing.

Note: Only support firmware A2.13 or above version (Ethernet / Wi-Fi).



The screenshot shows the SNTP configuration page in a printer's web interface. At the top, there is a navigation bar with tabs for Common, RS-232, Bluetooth, Wi-Fi, Ethernet, 802.1X, SMTP, and SNTP. The SNTP tab is currently selected and highlighted in purple. Below the navigation bar, the main configuration area contains the following settings:

- Synchronize Clock:** Two radio buttons labeled ON and OFF. The ON button is selected.
- SNTP Server 1:** A text input field.
- SNTP Server 2:** A text input field.
- SNTP Server 3:** A text input field.
- Update Interval: (Ethernet Only):** Two text input fields for Hour and Minute.
- Time Zone:** A dropdown menu.
- Set:** A button located to the right of the SNTP Server 3 field.

4.1.12 Features Tab - Emulation

Emulation provides **ZPL** and **DPL** language setting on **TSC printers**.

The image shows the 'Printer Configuration' window with the 'Emulation' tab selected. The 'D' tab is highlighted with a red box, and a blue arrow points to the expanded DPL settings panel on the right.

Printer Configuration | **Emulation** | TPH Care | Smart Battery

Z | **D**

ZPL Settings:

- Darkness: 0 ~ 30
- Print Speed:
- Tear Off Pos: -120 ~ 120
- Print Mode: ▼
- Print Width: dot
- Control Prefix:
- Format Prefix:
- Delimiter Char:
- Media Power Up: ▼
- Head Close: ▼
- Label Top: -120 ~ 120
- Left Position: -9999 ~ 9999

DPL Settings:

- Heat: 0 ~ 30
- Print Speed:
- Cut By Amount: 1 ~ 9999
- Format Attribute: ▼
- Barcode Magnification: 0 ~ 99
- Dot Width Multiplier: ▼ dot
- Dot Height Multiplier: ▼ dot
- Label Width: mm
- Present Sensor: ▼
- Cutter Equipped: ▼
- Control Codes: ▼
- Column Offset: mm
- Row Offset: mm

Set

4.1.13 Features Tab – TPH Care

TPH Care provides users to check the condition of the print head and be able to set the dot failure threshold for indicating errors when the threshold is triggered.

The screenshot shows the 'Printer Configuration' window with the 'TPH Care' tab selected. The window includes a 'Unit' dropdown set to 'inch'. The 'TPH Care Auto Protection' is set to 'ON'. The 'Unhealthy TPH dot number: (Current)' is 0, and the 'Unhealthy TPH dot number: (Warning Condition)' is 1. A red waveform graph shows a spike. Below the graph is a photograph of a print head. At the bottom are buttons for 'Get TPH Care Profile', 'TPH Test Page', and 'Save Image'.

This option is used to enable (ON)/disable (OFF) the TPH care function.

This option is used to check the numbers of unhealthy TPH dot element.

This option is used to detect, the unhealthy TPH dot.

This option is used to save the image to .png file.

This option is used to set the treshhold for unhealthy TPH dot number.

This image is used to check the relative position of the unhealthy TPH dot.

This option is used to print a TPH test image to check the TPH printing result.

1. Enable the TPH Care function. (Note: The default is disabled/OFF.) Then click "Get TPH care profile" button and a diagram will show in the area above.
2. If the profile is flat, it means that the print head is good. Check "Unhealthy TPH dot number". If the result is zero (0), that means the print head is good.
3. Bad dots are presented as a spike in the profile. The arrow in below profile indicates the presence of potentially damaged dots and printer will stop printing.



4.1.14 Features Tab – Smart Battery

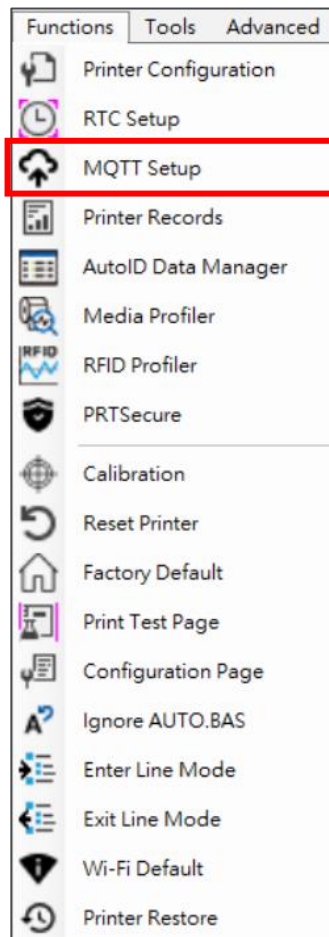
Smart Battery shows the battery information of the printer (**Mobile Printers only.**)

Printer Configuration	Emulation	TPH Care	Smart Battery
Battery Serial Number:			
Current Voltage:		V	
Capacity:		%	
Temperature:		°C	
Discharged Times:		times	
Manufacture Date:			
Healthy Status:			

4.2 MQTT Setup

MQTT Setup could setup the required parameters for printers to work with **MQTT Connect**.

Note: Once the printer is connected to the MQTT, the bulb of the status would turn into green color.



The image shows the 'MQTT Setup' configuration window. It has a title bar with 'MQTT Setup' and a close button. The window is divided into several sections:

- File**: A section header.
- MQTT Server Configuration**: Contains fields for 'MQTT Server:', 'MQTT Server Port:' (with the value '1883'), 'MQTT Username:', 'MQTT Password:', and 'MQTT Secured:' with radio buttons for 'TLS' (selected) and 'None'.
- Certificate Files**: Contains fields for 'MQTT CA:', 'MQTT Client Cert:', 'MQTT Private Key:', 'Private Key Password:', and 'File Store CA:'. Each field has a 'Browse' button and a 'Clear' button.
- Topic Prefix:** A text input field.
- MQTT Tenant ID:** A text input field.
- MQTT Agent ID:** A text input field.
- Status**: A section with a light bulb icon and a 'Set' button.
- Buttons**: 'Get' and 'Initialize MQTT Settings' buttons.

4.3 Printer Records

Printer Records could check out the printer information, including raw data, life cycle, media usage, and TPH resistance profile. Follow below instruction to open the **Printer Records**:

Go to TSC Console main page > select the printers > click **Printer Records** in the Tool menu or right click on printer to find the option to enter in the **Printer Records** page.

The screenshot shows the 'Printer Records' interface. At the top, there are two blue callout boxes: 'Enable/Disable Printer Records' pointing to the 'PSN Setting' gear icon, and 'Clear or export the data' pointing to the 'Clear Records' and 'Export' buttons. Below these, a red box highlights the 'Name' dropdown menu (containing 'PS-FF02BF') and the 'Interface' dropdown menu (containing 'USB'), with a blue callout box 'Filter by name' pointing to them. Another red box highlights the 'PSN Setting' gear icon. A third red box highlights the 'Clear Records' and 'Export' buttons. Below the filters, there are date pickers for 'Start' (2022/ 1/ 1) and 'End' (2022/ 1/19). A red box highlights the 'Raw Data' tab, with a blue callout box 'Available information that can be checked' pointing to it. Below the tabs, there are dropdowns for 'Per Page' (100), 'Unit' (inch), and 'Hide Offline'. The main area is a table with 7 columns: Time, Printer Name, Interface, Model Name, Status, IP Address, and Firmware Ver. The table contains 8 rows of data for printer PS-FF02BF. A blue callout box 'Data information will display on this area' points to the table. At the bottom, there are pagination controls showing '1 / 3'.

Printer Records

Enable/Disable Printer Records

Clear or export the data

Name: PS-FF02BF

Interface: USB

Filter by name

PSN Setting: [Gear Icon]

Clear Records: [Trash Icon]

Export: [Export Icon]

Start: 2022/ 1/ 1

End: 2022/ 1/19

Raw Data | Life Cycle | Media Usage | TPH resistance profile

Available information that can be checked

100 Per Page

Unit: inch

Hide Offline

Time	Printer Name	Interface	Model Name	Status	IP Address	Firmware Ver
2022/1/19 2:04:34 PM	PS-FF02BF	USB	DA200	Ready	-	A2.12 EZD
2022/1/19 1:59:18 PM	PS-FF02BF	USB	DA200	Ready	-	A2.12 EZD
2022/1/19 1:54:02 PM	PS-FF02BF	USB	DA200	Ready	-	A2.12 EZD
2022/1/19 1:48:45 PM	PS-FF02BF				-	A2.12 EZD
2022/1/19 1:43:29 PM	PS-FF02BF				-	A2.12 EZD
2022/1/19 1:38:13 PM	PS-FF02BF	USB	DA200	Ready	-	A2.12 EZD
2022/1/19 1:32:57 PM	PS-FF02BF	USB	DA200	Ready	-	A2.12 EZD
2022/1/19 1:27:40 PM	PS-FF02BF	USB	DA200	Ready	-	A2.12 EZD

Data information will display on this area

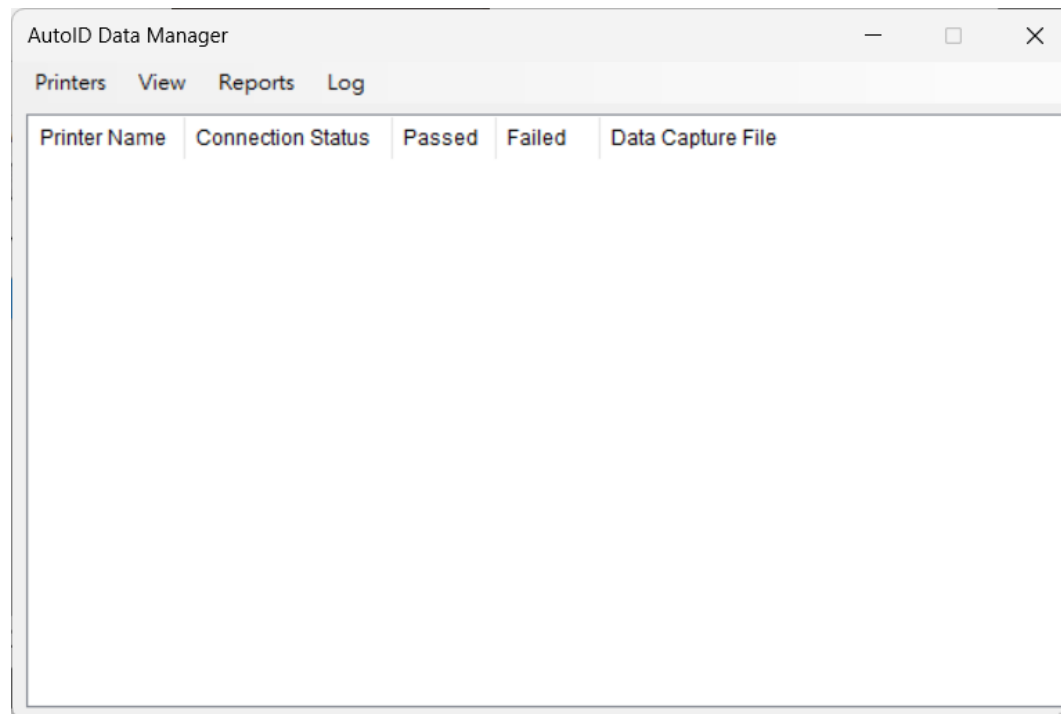
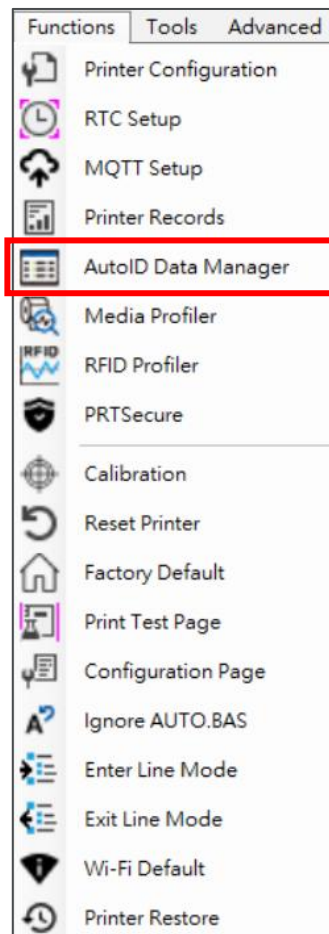
1 / 3

4.4 AutoID Data Manager

The **AutoID Data Manager** is an application that can collect EPC (electronic product code) telemetry data (stored on Radio Frequency Identification [RFID] tags) from RFID enabled printers.

With this telemetry data (EPC), you can create compelling audits of label and RFID tag quality. (support csv/txt file formats)

Please refer to [TSC RFID Manual](#) for more information. Alternatively, you can scan the QR code below to have access to the TSC RFID Manual.

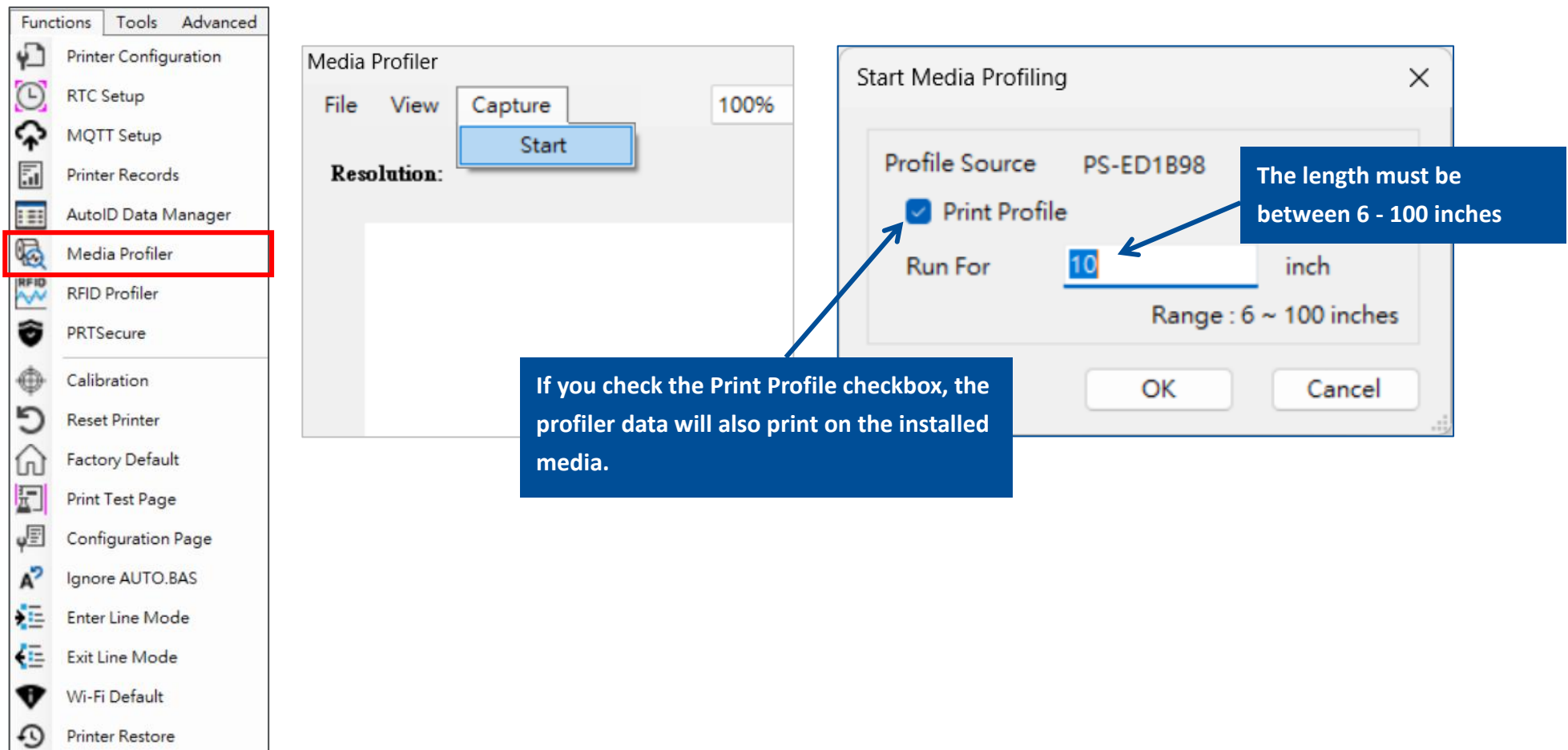


4.5 Media Profiler

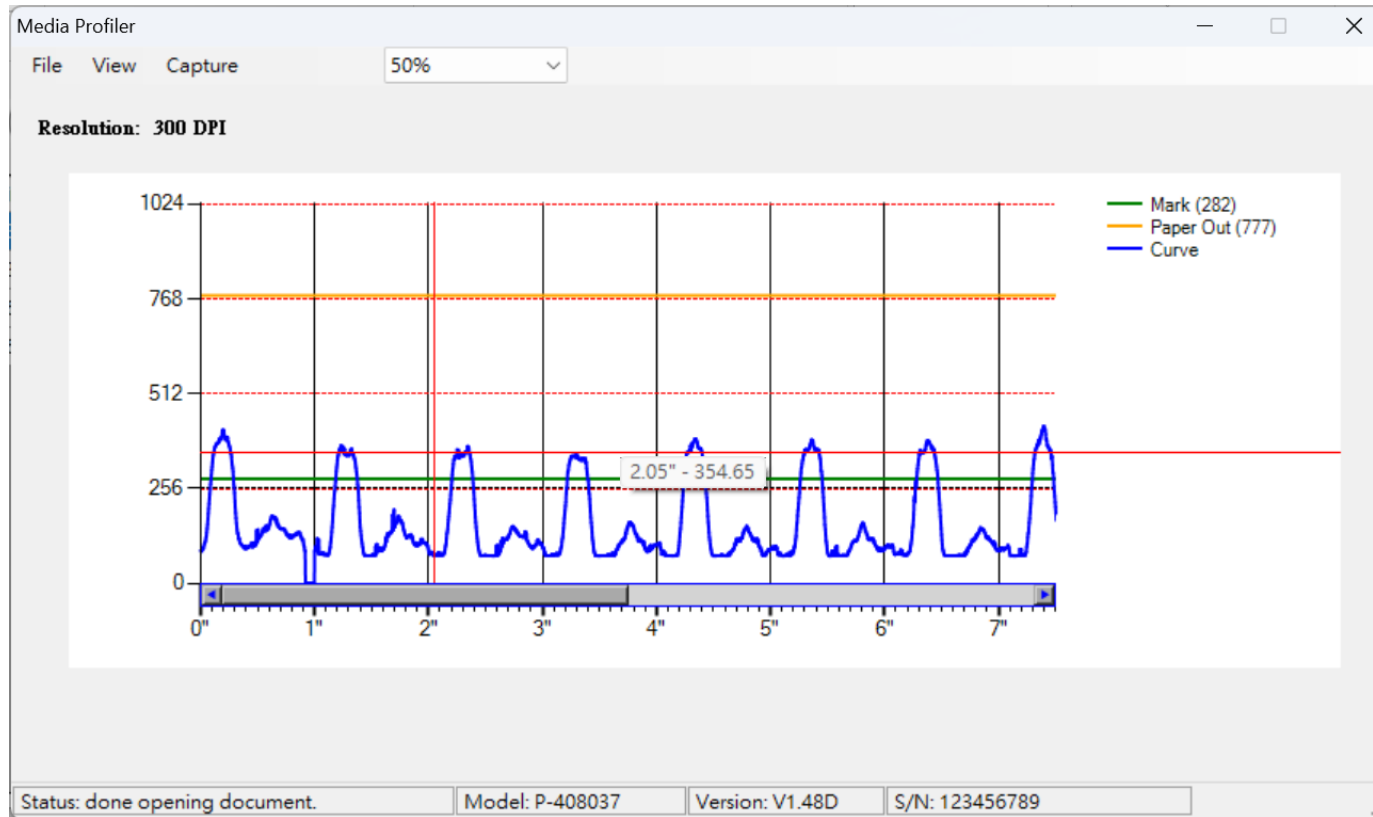
This **Media Profiler** provides a means to analyze media sensing problems. You can use it on labels that are difficult to profile using the standard printer profiling method. If necessary, you can capture, document, and send this information to professional service centers for further analysis. The Media Profiler application is only available for thermal printers.

Follow below instruction:

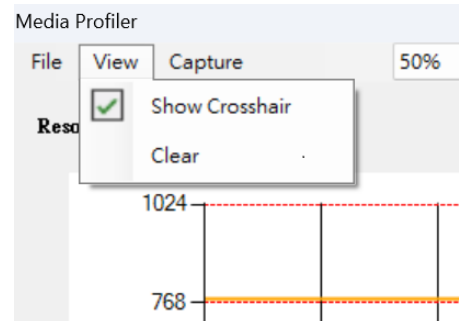
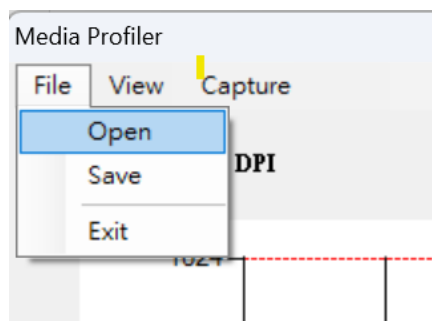
Go to TSC Console PC main page > select the printer > click **Media Profiler** in the Functions menu > **Capture** > **Start** > Set the "how long the profiler test will run" in **Run For** > OK.



Media Profiler View:



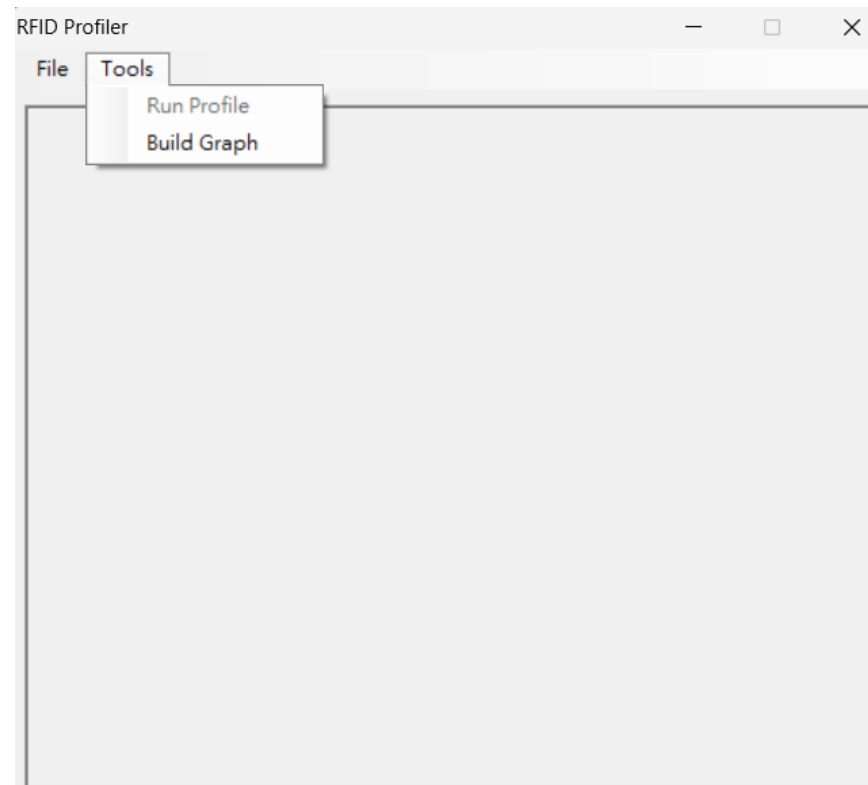
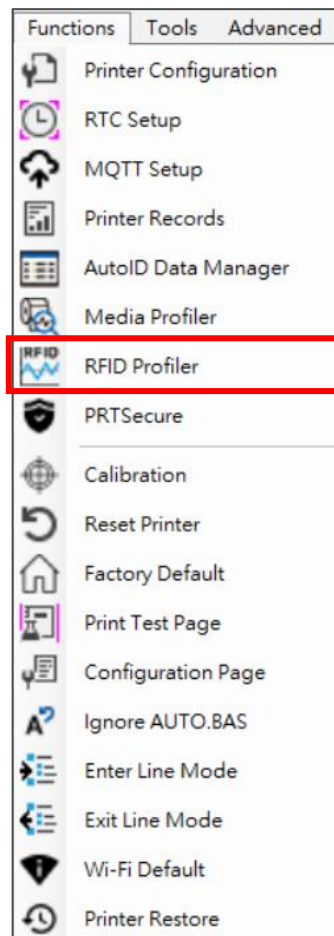
In addition, data save/load functions and the Show Crosshair function are provided, which can display coordinate values (enabled by default).



4.6 RFID Profiler

The RFID Profiler is a diagnostic tool that allows the user to profile RFID tags and diagnose any issues that may occur with those tags. This application works with the printer to create a tag profile that allows you to analyze successful write/read powers at each position on the tag. With the RFID Profiler you can execute the RFID/Media profile tests, capture profile data, save profiles for later viewing, and open existing profiles in the form of a graph.

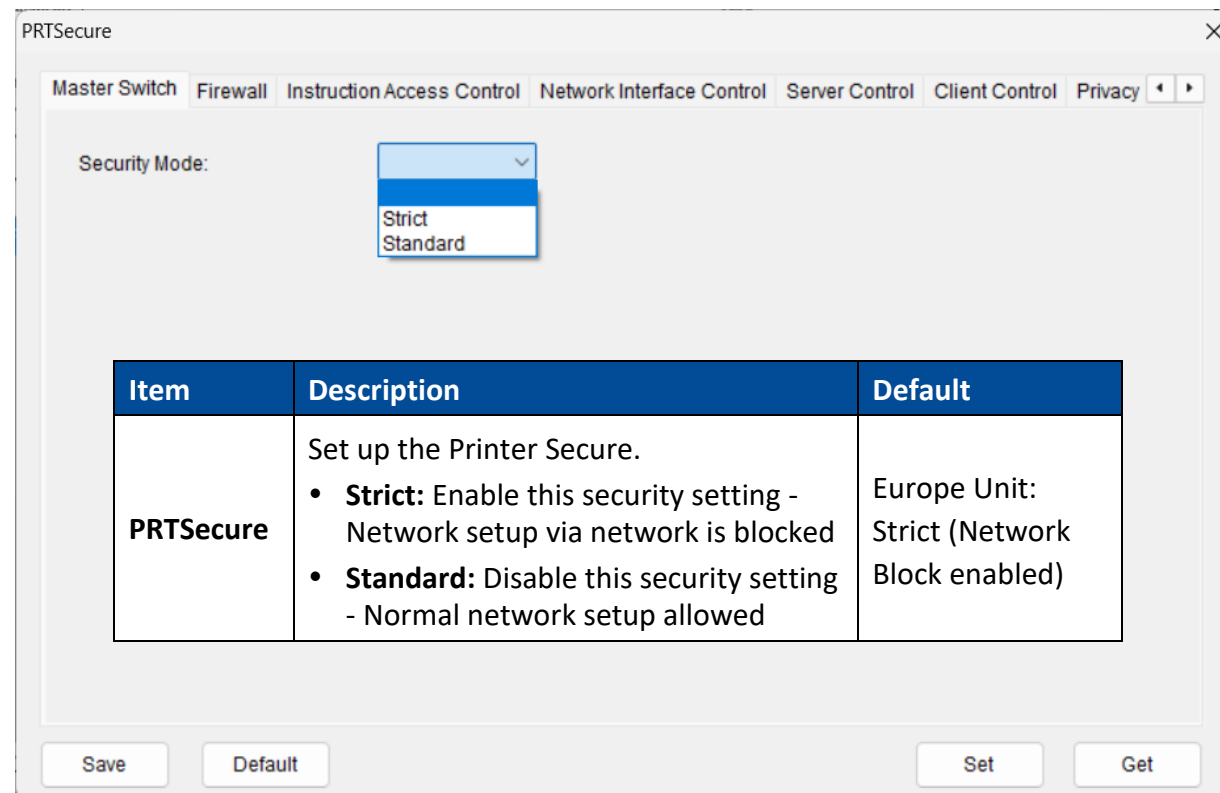
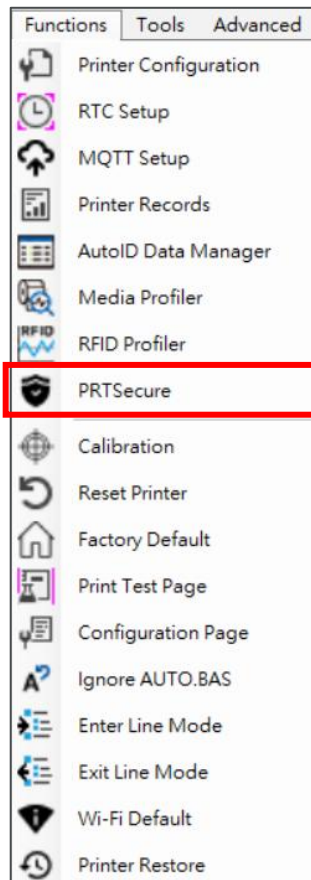
Please refer to [TSC RFID Manual](#) for more information. Alternatively, you can scan the QR code below to have access to the TSC RFID Manual.



4.7 PRTSecure

According to the new European RED (Radio Equipment Directive) requirements, this product must have the "Network Block" disabled before its first network connection. Therefore, if you purchased this printer in Europe, please first connect it via USB and change the setting to **"Standard"** in **Functions > PRTSecure > Master Switch > Security Mode** before connecting it to the network. (This PRTSecure feature is supported only with TSC Console version V3.4.0.5 or later.)

If you want to use **Strict Mode** to connect to the network, please refer to the [TSC Network Security Manual](#) for more details. Click the document link or scan the QR code to access the manual.



4.7.1 PRTSecure - Master Switch

The **Master Switch** area allows users to view and configure the printer's security mode.

PRTSecure

Master Switch Firewall Instruction Access Control Network Interface Control Server Control Client Control Privacy

Security Mode: 2 Standard

4 Save Default 3 Set 1 Get

1. Click the **Get** button to view the current security mode setting.
2. Select the desired **Security Mode**.
3. Click the **Set** button to apply the setting.
4. Click the **Save** button to save the setting to the printer.

Note:

All tabs in the PRTSecure window can be configured at once. After completing the settings, click the Set and Save buttons (steps 3 and 4 only need to be performed once).

Item	Description	Default
Strict	Enable this security setting - Network setup via network is blocked.	Europe Unit: Strict (Network Block enabled)
Standard	Disable this security setting – Normal network setup allowed.	

4.7.2 PRTSecure - Firewall

The **Firewall** area allows users to view and configure the printer's firewall settings. Access to the printer can be controlled using IPv4 address, MAC address, and port-based filtering rules. Users may define allowed or blocked items for each category to enhance network security and restrict unauthorized access.

Note:

- Please ensure the Security Mode is set to Strict in the Master Switch tab and refer to the [TSC Network Security Manual](#) for more details.
- This feature is supported only with TSC Console version V3.5 or later.

PRTSecure

Master Switch **Firewall** Instruction Access Control Network Interface Control Server Control Client Control Privacy

Firewall Protected:

Port Blocked:

IPv4 Blocked:

MAC Blocked:

Port Allowed:

IPv4 Allowed:

MAC Allowed:

Idle Timeout:

4 Save Default **3** Set **1** Get

1. Click the **Get** button to check the current settings.
2. Modify the settings as needed.
3. Click the **Set** button to apply the changes.
4. Click the **Save** button to save the settings on the printer.

Setting	Description
Firewall Protected	Enables or disables firewall protection.
Port Blocked	Enables a list of blocked network ports.
IPv4 Blocked	Enables a list of blocked IPv4 addresses.
MAC Blocked	Enables a list of blocked MAC addresses.
Port Allowed	Enables a list of permitted network ports.
IPv4 Allowed	Enables a list of permitted IPv4 addresses.
MAC Allowed	Enables a list of permitted MAC addresses.
Idle Timeout	Disconnects inactive connections after a specified period.

4.7.3 PRTSecure - Instruction Access Control

The **Instruction Access Control** area allows users to manage command access control for the printer. By enabling Connection Restrict and User Privilege, administrators can apply Command Permission rules to control which printer commands are allowed to be executed through printer interfaces. Unauthorized commands received from connected hosts will be rejected by the printer, helping to improve device security and prevent unauthorized operations.

Note:

- Please ensure the Security Mode is set to Strict in the Master Switch tab and refer to the [TSC Network Security Manual](#) for more details.
- This feature is supported only with TSC Console version V3.5 or later.

1. Click the **Get** button to view the current settings.
2. Modify the settings as needed.
3. Click the **Set** button to apply the changes.
4. Click the **Save** button to save the settings on the printer.

Setting	Description
Connection Restrict	Enables or disables command access restrictions for printer connections.
User Privilege	Enables or disables privilege verification for instruction access control.
Command Permission Items	Displays and configures the command permission rules that determine which printer commands are allowed or denied.

4.7.4 PRTSecure - Network Interface Control

The **Network Interface Control** area allows users to view and configure the printer's network interface settings. Access to the printer can be controlled using Wi-Fi, Ethernet, and Bluetooth interfaces. Users may define enabled or disabled items for each category to enhance network security and restrict unauthorized access.

Note:

- Please ensure the Security Mode is set to Strict in the Master Switch tab and refer to the [TSC Network Security Manual](#) for more details.
- This feature is supported only with TSC Console version V3.5 or later.

1. Click the **Get** button to view the current settings.
2. Modify the settings as needed.
3. Click the **Set** button to apply the changes.
4. Click the **Save** button to save the settings on the printer.

Setting	Description
Interface Wi-Fi	Enables or disables Wi-fi interface
Interface Ethernet	Enables or disables Ethernet interface
Interface Bluetooth	Enables or disables Bluetooth interface

4.7.5 PRTSecure - Server Control

The **Server Control** area allows users to view and configure the printer's inbound network service settings. Access to the printer can be controlled using specific server protocols, network ports, and encryption channels. Users may define enabled or disabled items for each category to enhance network security and restrict unauthorized access.

Note:

- Please ensure the Security Mode is set to Strict in the Master Switch tab and refer to the [TSC Network Security Manual](#) for more details.
- This feature is supported only with TSC Console version V3.5 or later.

PRTSecure

Master Switch Firewall Instruction Access Control Network Interface Control **Server Control** Client Control Privacy

Server RAW:		Server FTP:	
Server LPR:		Server TELNET:	
Server HTTP:		Server SNMP:	
Server HTTPS:		Server UPM:	
Server CMD:		Server-DISCOVER:	
Server RAW TLS:		Server UPM TLS:	
Web Update:			

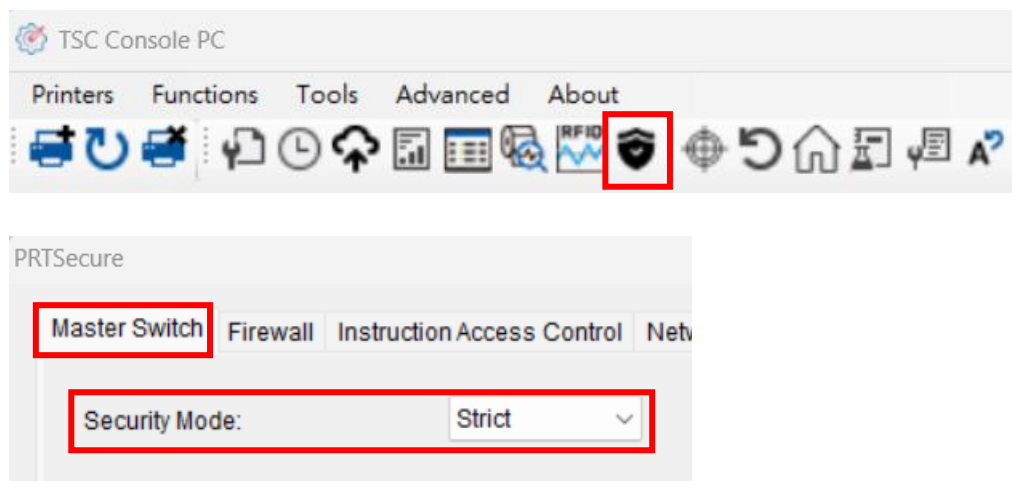
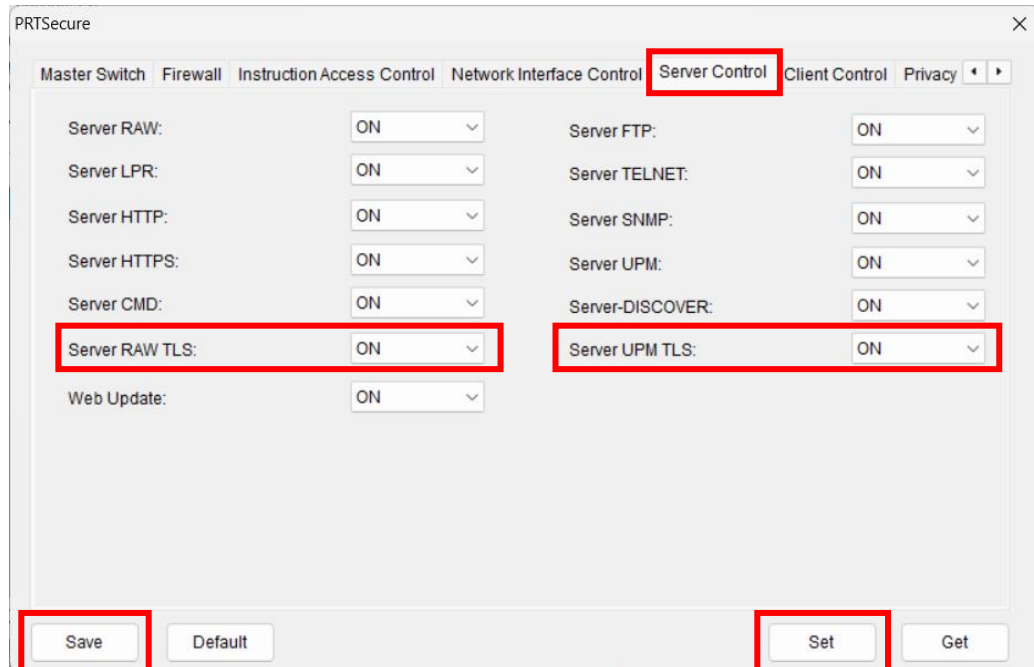
4 Save Default 3 Set 1 Get

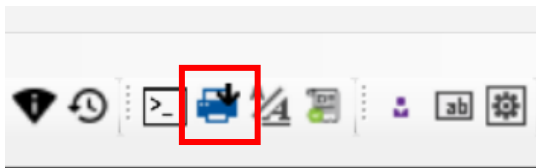
1. Click the **Get** button to view the current settings.
2. Modify the settings as needed.
3. Click the **Set** button to apply the changes.
4. Click the **Save** button to save the settings on the printer.

Please refer to the next page for instructions on enabling a TLS connection.

■ TLS Connections - Printer Setup

Use TSC Console PC to setup printer.

 The screenshot shows the TSC Console PC interface. The top menu bar includes 'Printers', 'Functions', 'Tools', 'Advanced', and 'About'. Below the menu is a toolbar with various icons, including a shield icon representing security. The main window displays the 'PRTSecure' settings. The 'Master Switch' tab is selected and highlighted with a red box. Below it, the 'Security Mode' is set to 'Strict', also highlighted with a red box.	1. Select the printer and go to PRTSecure tab, then click the Get button to view the current settings. 2. Ensure that Security Mode is set to Strict in the Master Switch tab.
 The screenshot shows the TSC Console PC interface with the 'PRTSecure' settings window open. The 'Server Control' tab is selected and highlighted with a red box. The settings for 'Server RAW TLS' and 'Server UPM TLS' are both set to 'ON' and are highlighted with red boxes. At the bottom of the window, the 'Save' and 'Set' buttons are also highlighted with red boxes.	3. Go to the Server Control tab and set the Server RAW TLS & Server UPM TLS to ON. 4. Click the Set button to apply the changes. 5. Click the Save button to save the settings on the printer.



Serial No. Mileage (Km) Batt. Capacity E

File Manager Tool

File Download

File Type: Data File

Browse

Filename:

File Size: Bytes

Memory Device: FLASH

Save to file: ☐

Download

File Information

Printer: PS-EECFEF

Memory Device: ☐ DRAM ☒ FLASH ☐ CARD ☐ USB

Physical Space: KB

Free Space: KB

Remove

Get

Format

- Go to the **File Manager Tool** tab to upload the TLS certificate to the printer.

Note:

There will be 2 files: "**https_server.crt**" and "**https_server.key**". Make sure the file names are correct.

- Refresh the printer to apply the changes.

When refreshing the printer, detailed connection error information is displayed to help identify the cause of any connection failure.

Message

Refresh failed: Printer Unreachable

- The printer or server is not connected to network.
- The printer and server are not under the same network.

Message

Refresh failed: Connection refused

- The connection settings between the printer and the server are inconsistent.

Message

Refresh failed: TLS certificate expired

- The TLS certificate has expired.

Message

Refresh failed: TLS connection error

- The printer's TLS certificate is missing, or the TLS certificate filename is incorrect.
- The printer's TLS certificate is invalid.

4.7.6 PRTSecure - Client Control

The **Client Control** area allows users to view and configure the printer's outbound client service settings. Access to external servers can be controlled using Client SNTP, Client-SMTP, and Client-MQTT protocols. Users may define enabled or disabled items for each category to enhance network security and restrict unauthorized access.

Note:

- Please ensure the Security Mode is set to Strict in the Master Switch tab and refer to the [TSC Network Security Manual](#) for more details.
- This feature is supported only with TSC Console version V3.5 or later.

The screenshot shows the PRTSecure configuration window with the 'Client Control' tab selected. The tab bar at the top includes 'Master Switch', 'Firewall', 'Instruction Access Control', 'Network Interface Control', 'Server Control', 'Client Control' (highlighted with a purple dashed box), and 'Privacy'. The main area contains three settings, each with a dropdown menu: 'Client SNTP:', 'Client-SMTP:', and 'Client-MQTT:'. A red box labeled '2' highlights these three settings. At the bottom, there are three buttons: '4 Save' (highlighted with a red box), 'Default', '3 Set' (highlighted with a red box), and '1 Get' (highlighted with a red box).

1. Click the **Get** button to view the current settings.
2. Modify the settings as needed.
3. Click the **Set** button to apply the changes.
4. Click the **Save** button to save the settings on the printer.

4.7.7 PRTSecure - Privacy and Security

The **Privacy and Security** area allows users to view and configure the printer's security policies and credential requirements. Access to device settings can be managed by enforcement of password uniqueness, complexity strength, and system file visibility. Users may set each item to ON or OFF to enhance network security and restrict unauthorized access.

Note:

- Please ensure the Security Mode is set to Strict in the Master Switch tab and refer to the [TSC Network Security Manual](#) for more details.
- This feature is supported only with TSC Console version V3.5 or later.

PRTSecure

Firewall Instruction Access Control Network Interface Control Server Control Client Control Privacy and Security

Password Unique:

Password Strength:

Pincode Unique:

Hidden Sysfile:

Password Lock:

Sysfile Items

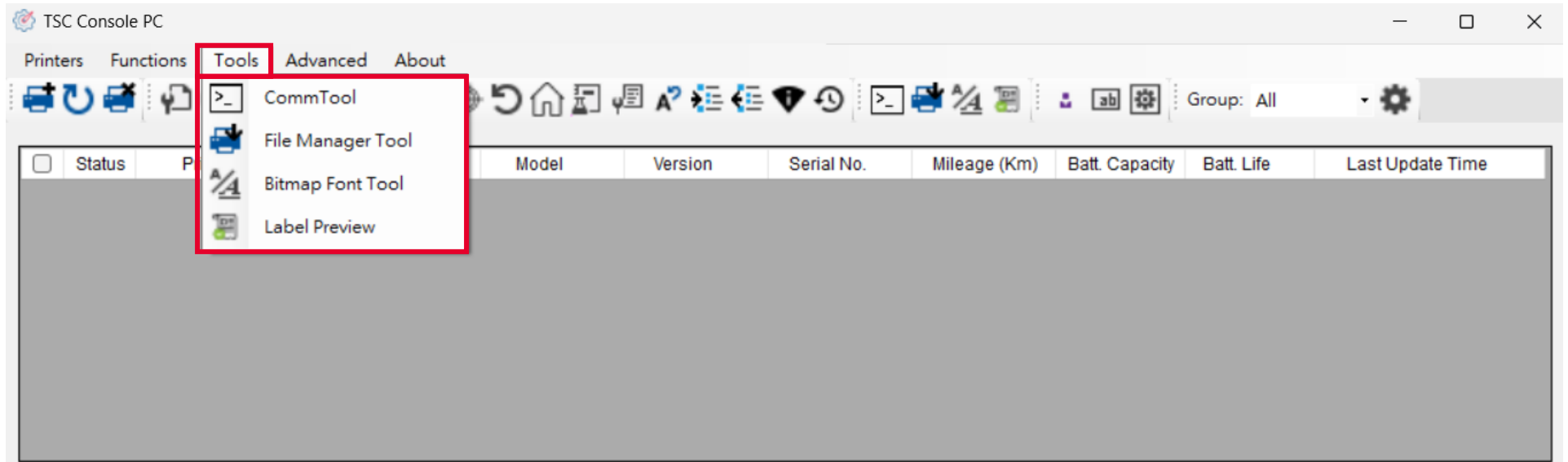
4 Save Default 3 Set 1 Get

1. Click the **Get** button to view the current settings.
2. Modify the settings as needed.
3. Click the **Set** button to apply the changes.
4. Click the **Save** button to save the settings on the printer.

Setting	Description
Password Unique	Enables or disables password uniqueness enforcement. When enabled, duplicate passwords are not allowed.
Password Strength	Enables or disables password strength validation.
Pincode Unique	Enables or disables PIN code uniqueness enforcement.
Hidden Sysfile	Enables or disables the visibility of protected system files.
Password Lock	Specifies the maximum number of failed password attempts before access is locked. Available values: 0–5.
Sysfile Items	Displays and manages the list of protected system files.

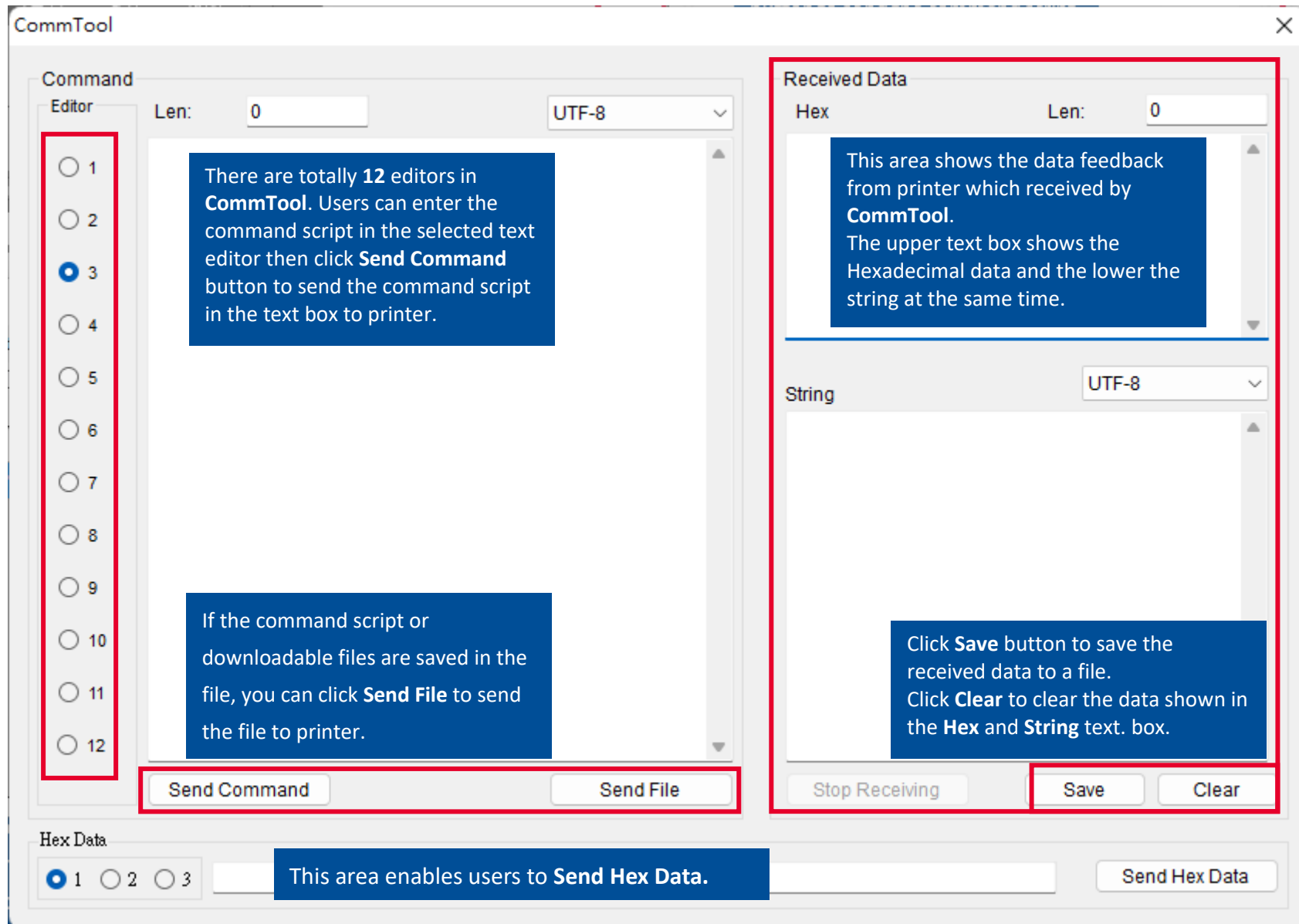
5. Tools

In this section, users are able to set up the printer by **Comm Tool**, or download and edit the files by **File Manager** and **Bitmap Font Manager**.



5.1 Comm Tool

CommTool supports programming languages and the hex data commands.



5.2 File Manager Tool

File Manager helps users download files and delete files from printers' memory.

- **File Download** shows the interface for selecting file types, filename and download destination.
- **File Information** indicates downloaded files and available memory, deleting files in the selected memory device.

The screenshot displays the 'File Manager Tool' window, which is divided into two main sections: 'File Download' and 'File Information'. Both sections are highlighted with red rectangular boxes.

File Download Section:

- File Type:** A dropdown menu.
- Browse:** A button.
- Filename:** A text input field.
- File Size:** A text input field followed by the unit 'Bytes'.
- Memory Device:** A dropdown menu currently showing 'FLASH'.
- Save to file:** A checkbox.
- Download:** A button at the bottom.

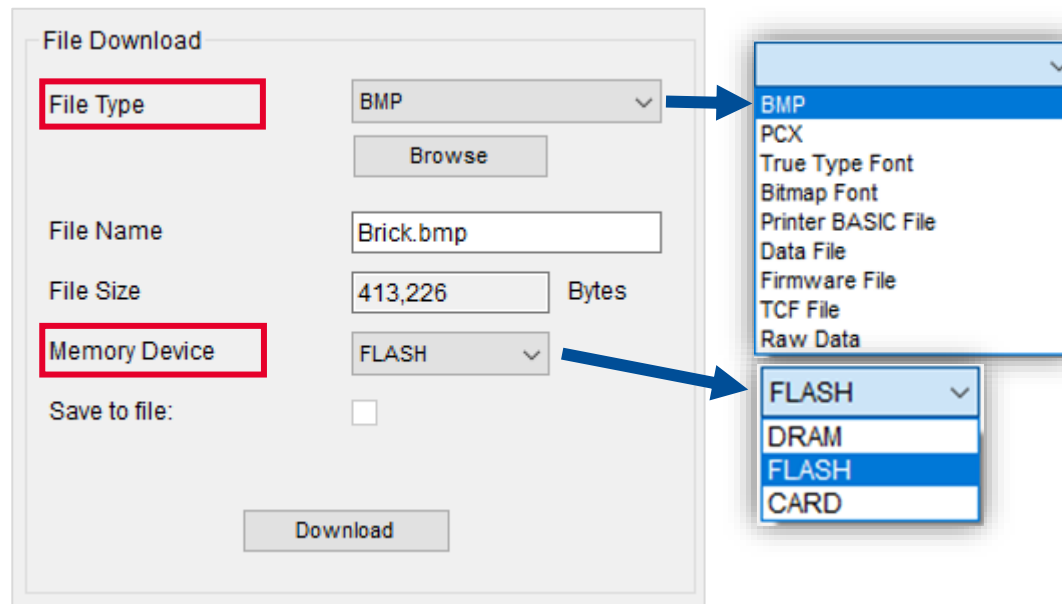
File Information Section:

- Printer:** A dropdown menu showing 'PS-FF2323'.
- Memory Device:** Radio buttons for 'DRAM', 'FLASH' (selected), 'CARD', and 'USB'.
- Physical Space:** A text input field followed by 'KB'.
- Free Space:** A text input field followed by 'KB'.
- Remove:** A button.
- Get:** A button.
- Format:** A button.

5.2.1 Download Files

Below steps will demonstrate how to download the files to the printer:

1. Choose the **File Type**.
2. Select **Browse** to find the file.
3. Specify the **Memory Device** to be stored with.
4. Import file to printer by clicking **Download**.



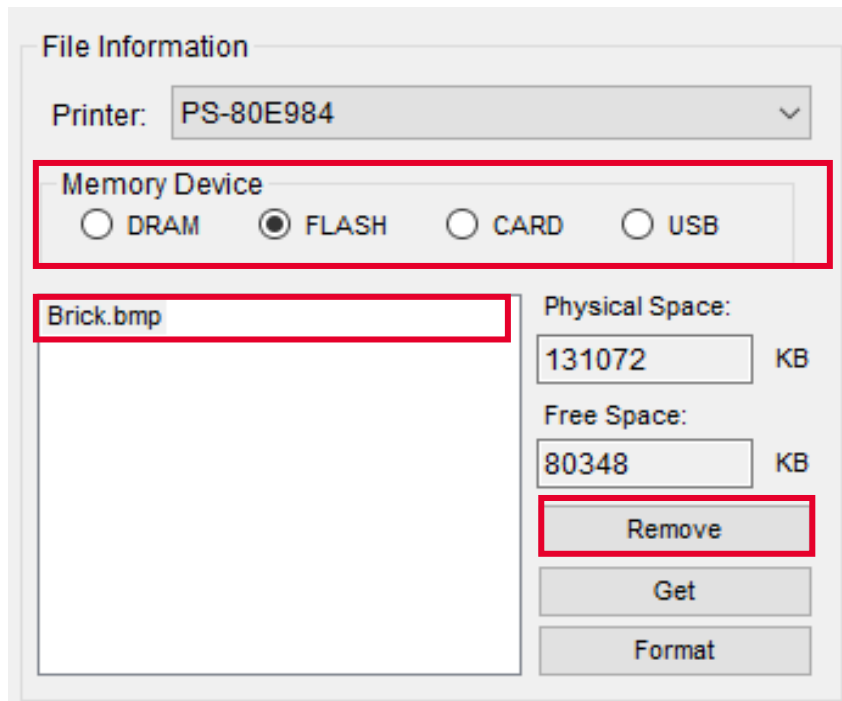
Note:

- BPM, PCX, True Type Font, Bitmap Font, Printer BASIC File, and Data File will automatically generate the header and save to specified memory device through File Manager before downloading.
- Enable Save to File could save the file to memory device as well.

5.2.2 Manage the Storage

Below steps will demonstrate how to manage the storage from the printer:

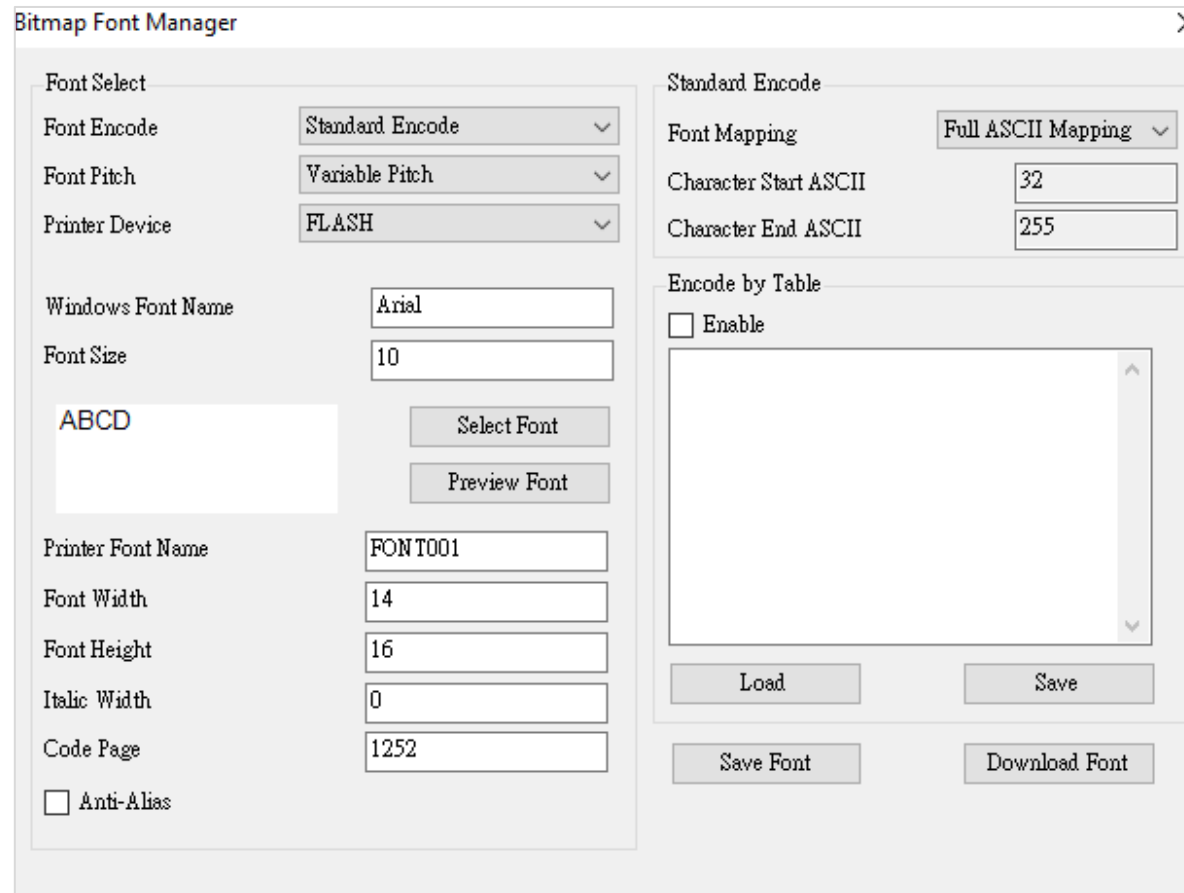
1. Specify the **Memory Device** and click **Get**.
2. Delete the file by clicking **Remove**.
3. Click **Format** to clean the memory.



The screenshot shows a 'File Information' dialog box. At the top, there is a 'Printer:' dropdown menu set to 'PS-80E984'. Below this is a 'Memory Device' section with four radio buttons: 'DRAM', 'FLASH' (which is selected), 'CARD', and 'USB'. This section is highlighted with a red rectangle. Below the radio buttons is a list of files, with 'Brick.bmp' selected and highlighted by a red rectangle. To the right of the file list, there are two text boxes: 'Physical Space:' containing '131072' KB and 'Free Space:' containing '80348' KB. At the bottom right, there are three buttons: 'Remove' (highlighted with a red rectangle), 'Get', and 'Format'.

5.3 Bitmap Font Manager

Bitmap Font Manager could convert the selected TTF font into printer format bitmap font. Both fixed pitch and variable pitch bitmap font are supported.



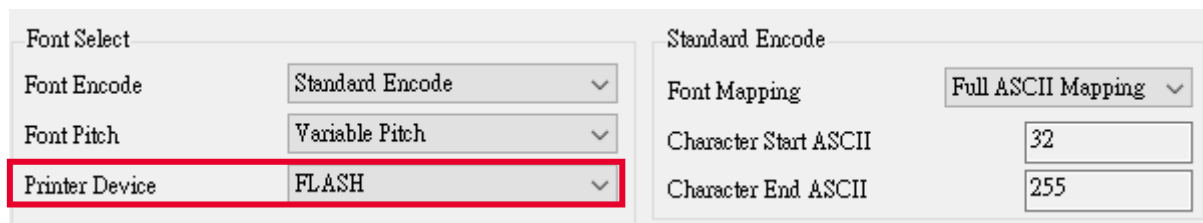
The screenshot shows the 'Bitmap Font Manager' dialog box with the following settings:

- Font Select:**
 - Font Encode: Standard Encode
 - Font Pitch: Variable Pitch
 - Printer Device: FLASH
- Windows Font Name:** Arial
- Font Size:** 10
- Preview:** A box showing the characters 'ABCD' in a blue, slightly italicized font.
- Buttons:** 'Select Font' and 'Preview Font' are located to the right of the preview box.
- Printer Font Name:** FONT001
- Font Width:** 14
- Font Height:** 16
- Italic Width:** 0
- Code Page:** 1252
- Anti-Alias:** ☐
- Standard Encode:**
 - Font Mapping: Full ASCII Mapping
 - Character Start ASCII: 32
 - Character End ASCII: 255
- Encode by Table:**
 - ☐ Enable
 - A large empty text area for the encoding table.
 - Buttons:** 'Load' and 'Save' are located below the table.
- Bottom Buttons:** 'Save Font' and 'Download Font' are located at the bottom of the dialog.

5.3.1 Download Fonts to Printer

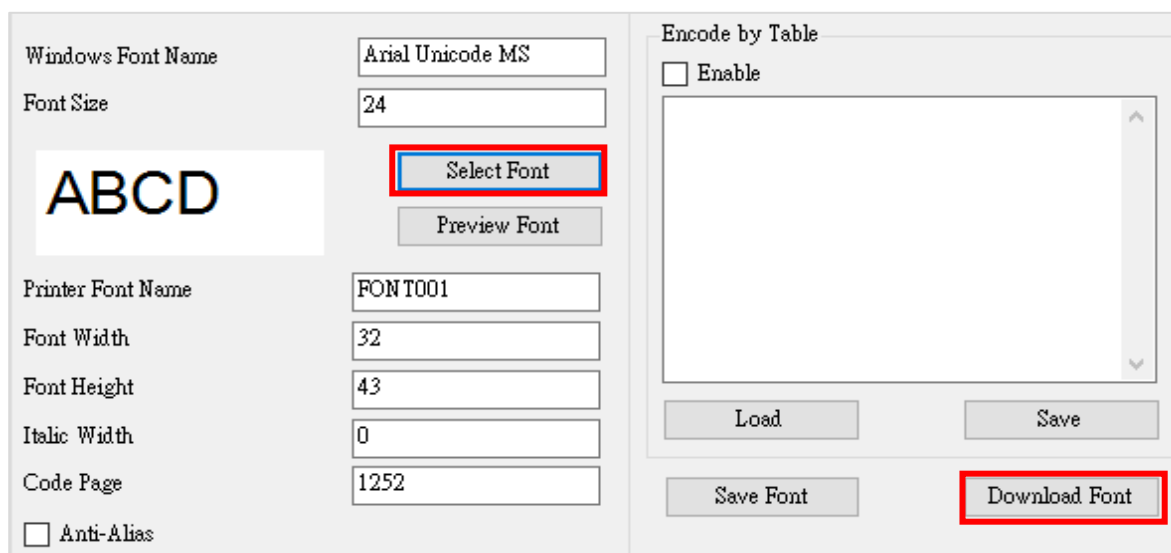
Below steps will demonstrate how to download fonts to the printer:

1. Set up font setting and **Printer Device**.



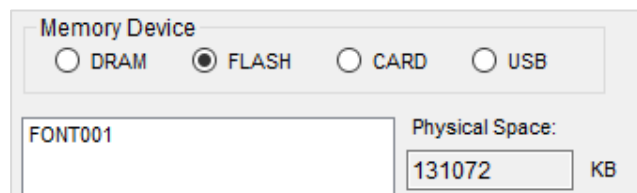
The image shows a font settings interface. On the left, under 'Font Select', there are three dropdown menus: 'Font Encode' set to 'Standard Encode', 'Font Pitch' set to 'Variable Pitch', and 'Printer Device' set to 'FLASH' (highlighted with a red box). On the right, under 'Standard Encode', there are two more dropdown menus: 'Font Mapping' set to 'Full ASCII Mapping' and two text input fields for 'Character Start ASCII' (32) and 'Character End ASCII' (255).

2. Select a font, then click **Download Font** to complete the setup.



The image shows a font selection and download interface. On the left, there are several input fields: 'Windows Font Name' (Arial Unicode MS), 'Font Size' (24), 'Printer Font Name' (FONT001), 'Font Width' (32), 'Font Height' (43), 'Italic Width' (0), and 'Code Page' (1252). There is also a preview window showing 'ABCD' and a 'Select Font' button (highlighted with a red box). On the right, there is an 'Encode by Table' section with an 'Enable' checkbox. Below this is a large empty box for the font table. At the bottom right, there are 'Load' and 'Save' buttons, and a 'Download Font' button (highlighted with a red box).

3. Check **File Manager**.

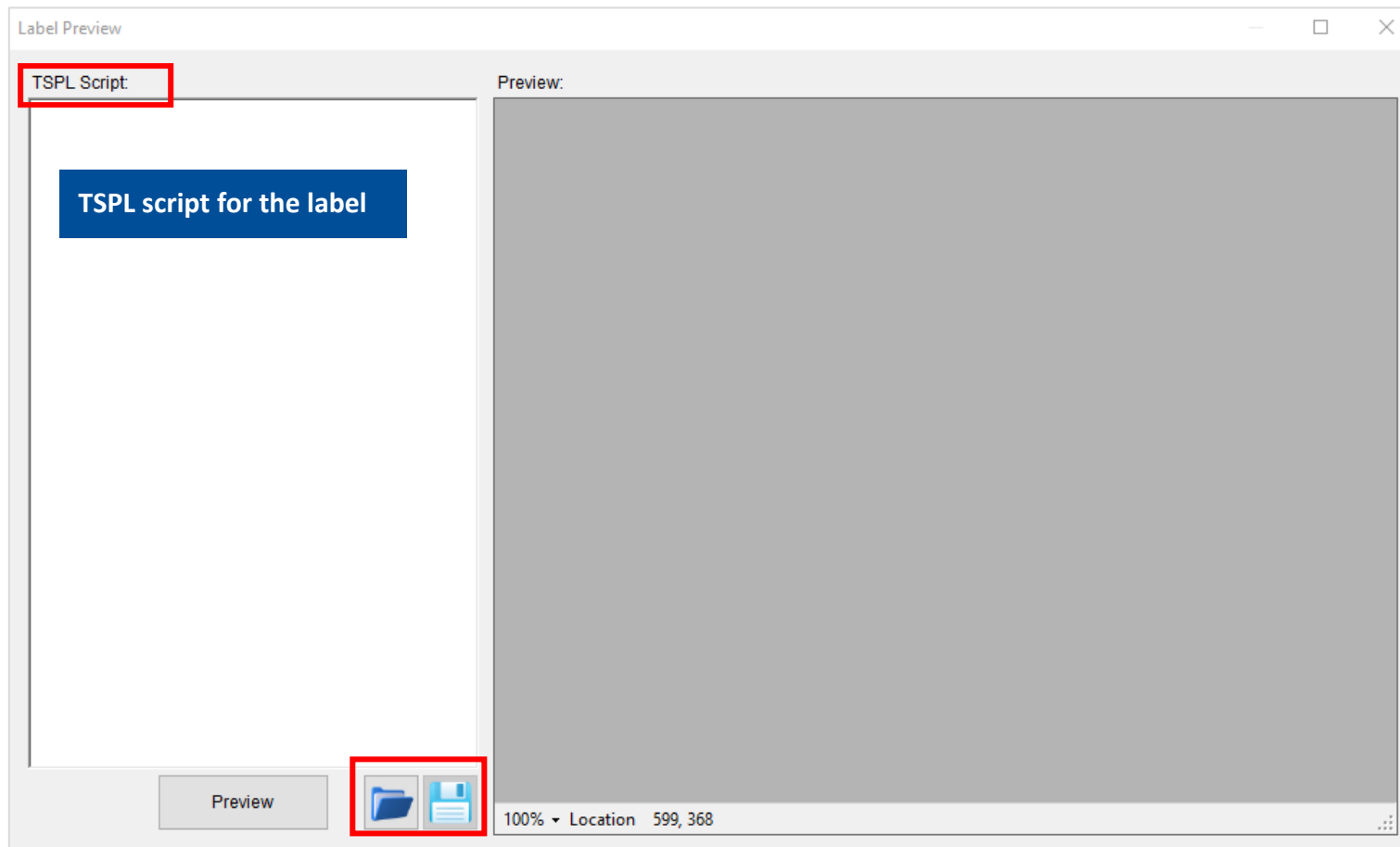


The image shows a File Manager interface. At the top, there is a 'Memory Device' section with four radio buttons: 'DRAM', 'FLASH' (selected), 'CARD', and 'USB'. Below this, there is a text input field for 'FONT001' and a 'Physical Space' section showing '131072 KB'.

5.4 Label Preview

Label Preview enables user to preview the label by TSPL command or loading the file.

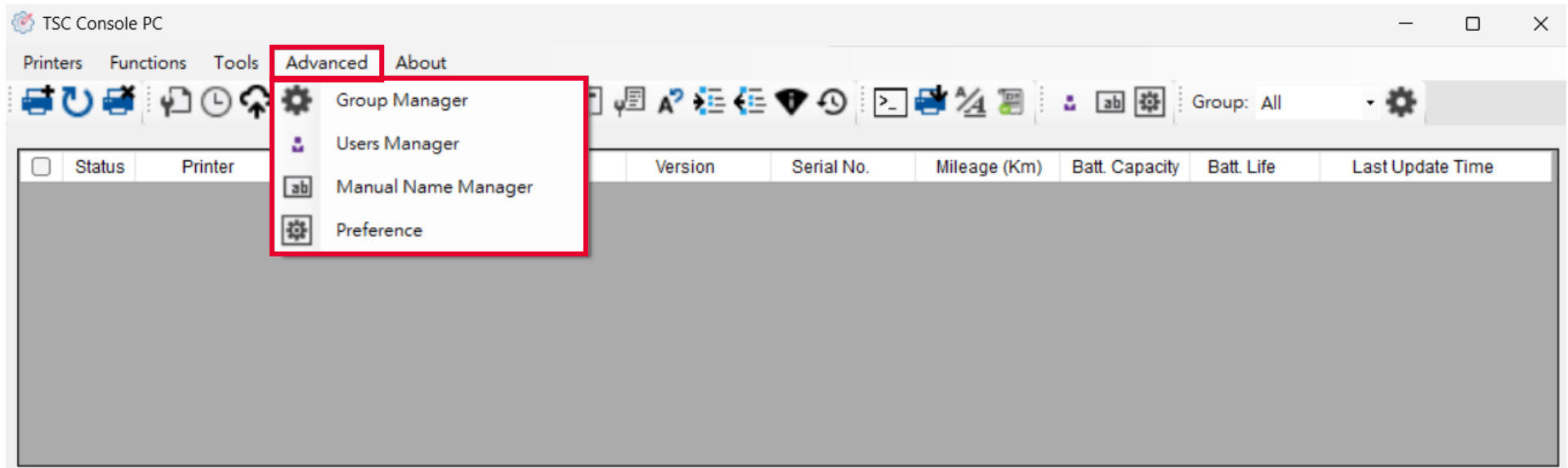
Note: This function is only supported after firmware version 2.13



Load the file / Save TSPL script

6. Advanced

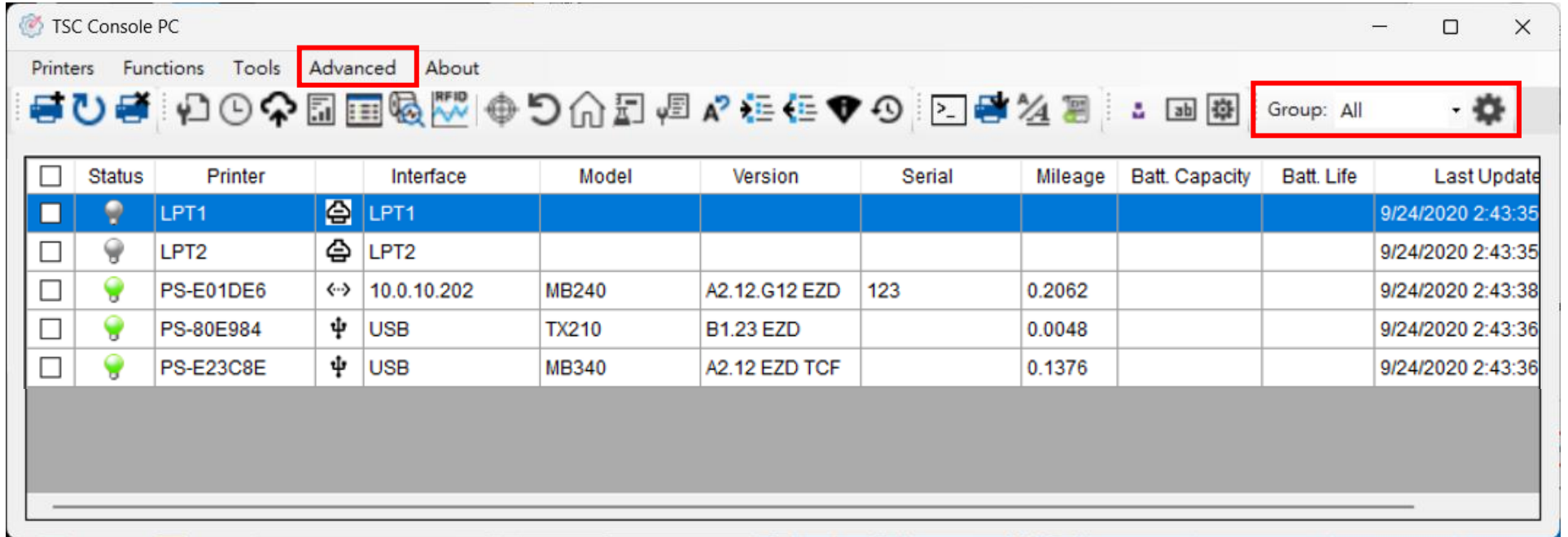
In **Advanced** section, users are able to set the group setting, set the password and alert, and adjust preference through TSC console to the printer.



6.1 Group Manager

Use **Group Manager** to select and filter the certain interface to make it easier to setup printers.

Click **Advanced** to access **Group Manager** or click on the **Quick Access Icon** as below.



The screenshot shows the TSC Console PC interface. The 'Advanced' tab is selected in the top menu. A 'Group: All' dropdown menu is visible on the right side of the toolbar. Below the toolbar is a table with printer information.

☐	Status	Printer		Interface	Model	Version	Serial	Mileage	Batt. Capacity	Batt. Life	Last Update
☐		LPT1		LPT1							9/24/2020 2:43:35
☐		LPT2		LPT2							9/24/2020 2:43:35
☐		PS-E01DE6		10.0.10.202	MB240	A2.12.G12 EZD	123	0.2062			9/24/2020 2:43:38
☐		PS-80E984		USB	TX210	B1.23 EZD		0.0048			9/24/2020 2:43:36
☐		PS-E23C8E		USB	MB340	A2.12 EZD TCF		0.1376			9/24/2020 2:43:36

6.1.1 Group the Certain Interface

1. Enter the Group Manager. 
2. Type the Group Name.
3. Select the Interface.
4. Click Add to complete setting.
5. Back to interface and select Group.

Group Manager

Group Name:

Interface:

☐ All ☒ USB ☐ Network

☐ COM ☐ LPT

IP Range: ~

Model:

☒ All ☐ Model Name:

Name	Interface	IP Range	Model
Group1	USB		

TSC Console PC

Printers Functions Tools Advanced About

Group:

☐	Status	Printer	Interface	Model	Version	Serial	Mileage	Batt. Capacity	Batt. Life	Last Update
☐		PS-80E984		USB	TX210	B1.23 EZD		0.0048		9/24/2020 3:13:54
☐		PS-E23C8E		USB	MB340	A2.12 EZD TCF		0.1376		9/24/2020 3:13:53

6.2 Users Manager

This function allows user to set the password on **TSC Console PC** for protecting printers' setting.

1. Enter the **User ID** and **Password**.
2. Click **Add** to complete setup and **TSC Console PC** will restart.

The image shows two dialog boxes. The first is the 'Users Manager' dialog, which has two main sections: 'User Information' and 'User Permission'. In the 'User Information' section, the 'User ID' field contains 'TEST' and the 'Password' field contains '****'. Below these fields are two radio buttons: 'Administrator' (selected) and 'User'. The 'Add' button is highlighted with a red box. Below the buttons is a table with two columns: 'User ID' and 'Account Type'. The table contains one row with 'TEST' and 'Administrator'. The 'User Permission' section has two checkboxes: 'Add / Remove Printer' and 'Modify Printer Settings', both of which are unchecked. The 'Available Group' section is empty. A blue arrow points from the 'Add' button in the 'Users Manager' dialog to the 'TSC Console Login' dialog. The 'TSC Console Login' dialog has two input fields: 'User ID:' and 'Password:'. Below these fields are two buttons: 'OK' and 'Cancel'.

Users Manager

User Information

User ID: TEST

Password: ****

☒ Administrator ☐ User

Add Modify Delete

User ID	Account Type
TEST	Administrator

User Permission

☐ Add / Remove Printer

☐ Modify Printer Settings

Available Group

TSC Console Login

User ID:

Password:

OK Cancel

6.3 Manual Name Manager

Manual Name Manager provides the function which could help users modify printers' name making it more recognizable.

- Edit the manual name by using **Batch Modification** or **double click** the **Manual Name Column**

Manual Name Manager

Batch Modification

Prefix String: Starting Number:

Printer Name ▲	Model		Interface	Manual Name (Editable)
PS-80E984	A	USB		A
PS-E01DE6	B	10.0.10.202		B

OK

Manual Name (Editable)

Printer_0

Printer_1

6.4 Preference

Preference provide users functions to adjust system settings and languages.

The Preference dialog box is divided into two main columns. The left column contains settings for system startup, printer visibility, command port, auto refresh status, and IP address renewal. The right column contains settings for the mainview data field and the system language. At the bottom are OK and Cancel buttons.

Section	Setting	Value
Left Column	Run at Windows Startup	On/Off: OFF
	Show Offline Printer	On/Off: ON
	Command Port	Setup
	Auto Refresh Status	On/Off: ON, Time Interval: 5 min
	Auto Renew IP Address	On/Off: ON, Subnet: Setup
Right Column	Mainview Data Field	Model Name, Firmware Version, Serial Number, Printed Mileage, Smart Battery Capacity, Warning Threshold (20%), Smart Battery Life, Last Update Time
	Language	English

7. Revision History

Date	Content	Editor
2024/7/2	• Update the document layout	Camille Pao
2025/9/3	• Update TSC Console to TSC Console PC • Update Liability Statement • Add RFID info. • Add AutoID Data Manager, Media Profiler and RFID Profiler sections	Camille Pao
2025/11/10	• Add PRTSecure section • Add the chapter "Before Connecting to the Network" to the Network section	Camille Pao
2026/6/24	• Update the PRTSecure section (add new features for V3.5)	Camille Pao
2026/7/28	• Update the Printer Records section (add PSN Setting info.) • Update the SOTI Setup to MQTT Setup	Camille Pao



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