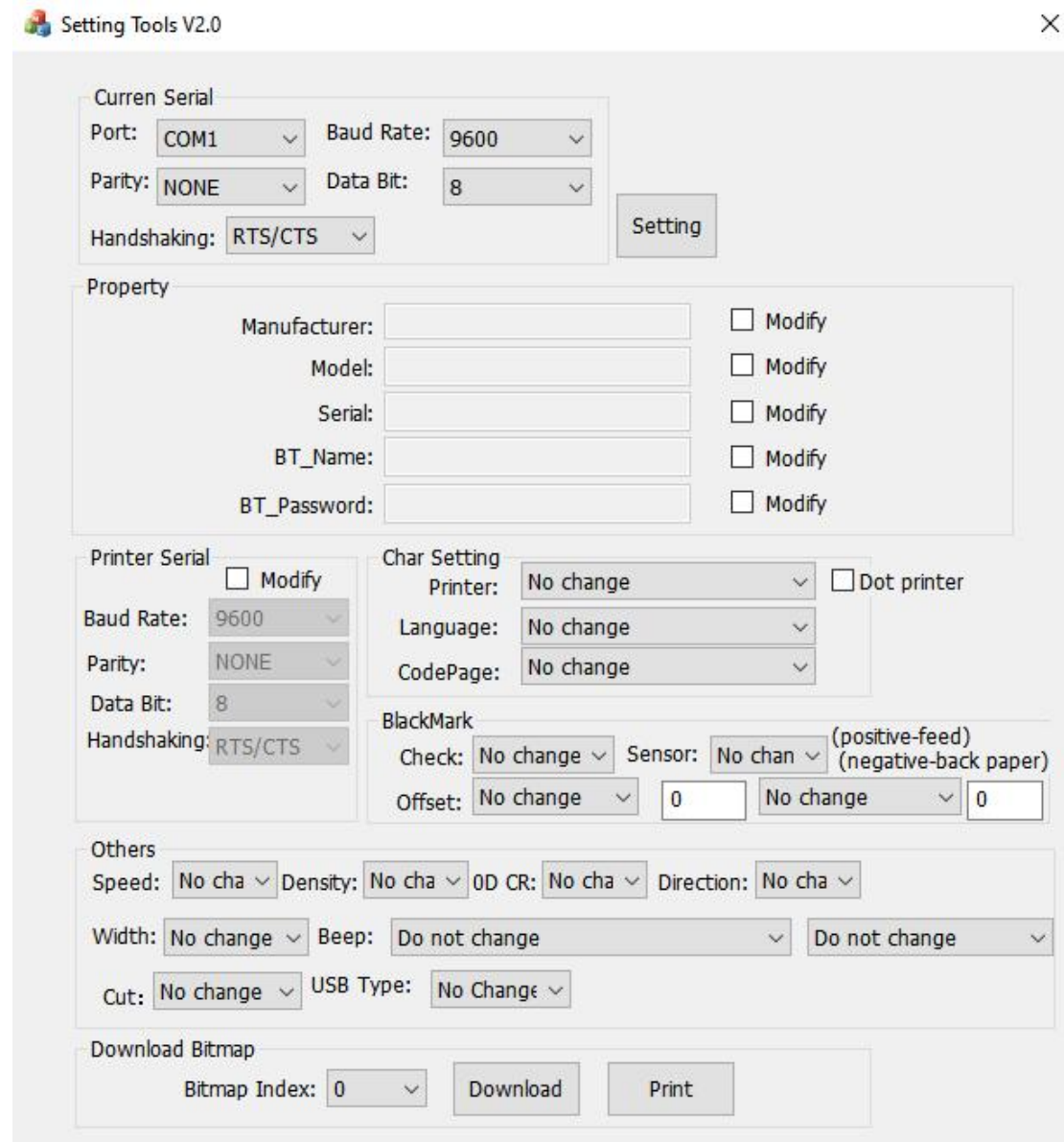

Printer Setting Tools User Guide

Introduction

This manual is to introduce how to use the setting tool to set parameters for our different models of printer.

1.Open and run

Run this setting tool, format like below pic 1-1:



The screenshot shows the 'Setting Tools V2.0' application window. It contains several sections for configuring a printer:

- Current Serial:** Includes dropdowns for Port (COM1), Baud Rate (9600), Parity (NONE), Data Bit (8), and Handshaking (RTS/CTS). A 'Setting' button is located to the right.
- Property:** Includes input fields for Manufacturer, Model, Serial, BT_Name, and BT_Password, each with a 'Modify' checkbox.
- Printer Serial:** Includes a 'Modify' checkbox and dropdowns for Baud Rate (9600), Parity (NONE), Data Bit (8), and Handshaking (RTS/CTS).
- Char Setting:** Includes dropdowns for Printer (No change), Language (No change), and CodePage (No change), along with a 'Dot printer' checkbox.
- BlackMark:** Includes dropdowns for Check (No change) and Sensor (No change), with a note '(positive-feed) (negative-back paper)'. It also has input fields for Offset (0) and a 'No change' dropdown.
- Others:** Includes dropdowns for Speed (No change), Density (No change), OD CR (No change), and Direction (No change). It also has dropdowns for Width (No change), Beep (Do not change), and Cut (No change), along with a 'USB Type' dropdown (No Change).
- Download Bitmap:** Includes a 'Bitmap Index' dropdown (0) and 'Download' and 'Print' buttons.

pic 1-1

2.Format introduction

2.1 Port Settings

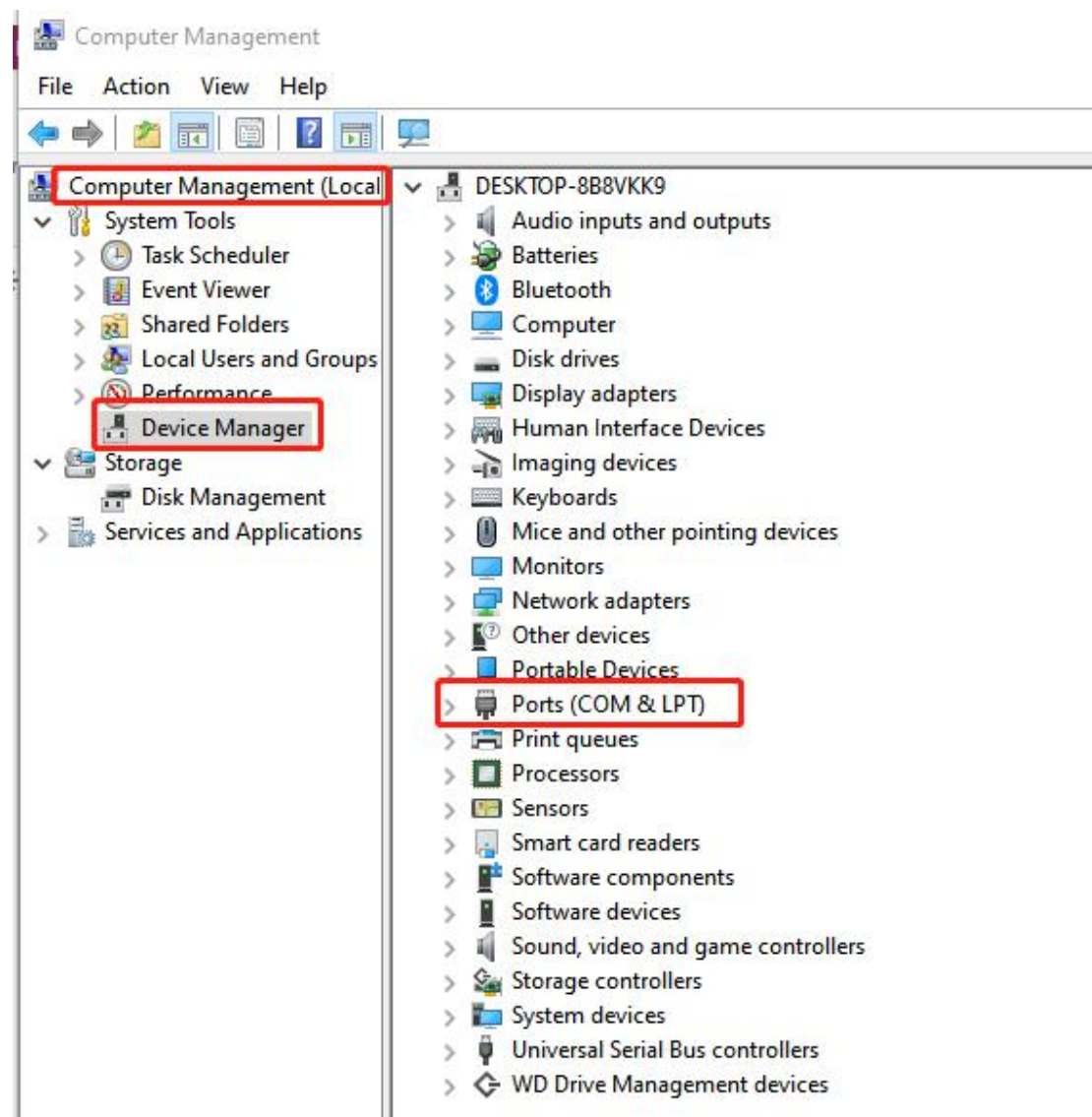
It's the printer's current settings, can be communicate between the printer and the program.

【Notice】 Self-test: in power off mode, press Feed button then power on, release Power and FEED button till hear the power on beep, then a self-test page will be printed out automatically, which shows the printer's current parameters.

(1) Port

It's the port to connect the printer and PC. It only works normally with correct port number.(To be sure connect well, other parameter settings should be consistent with the printer.)

Check the port occupied by the printer: Computer ->Right click ->Device Manager ->Port: As shown in the picture 2-1:



Picture 2-1

(2)Baud rate

It means the speed of a micro controller or computer in serial communication.

(3)Parity checking

It means a method of correcting data errors used during data transmission.

(4)Data bit

It means the data needs to be decomposed into 7 or 8 bits, i.e. one byte, and transmitted separately.

(5)Control flow:

There are two ways for control flow: XON/XOFF and RTS/CTS.

2.2 “Open” and “Set” button

(1)Open

After 2.1 setting finished, click “Open” button to open corresponding port.

(2)Set

After choose all setting parameters, click "Set" button to transfer the settings to the printer and make corresponding modifications effective.

2.3 Property Settings

(1)Manufacturer

(2)Model

(3)Serial number

(4)Bluetooth name

(5)Bluetooth password

(6)Modify

As default, the input boxes for these attributes cannot be input. You need to check the box before modifying in order to input the modified values.

2.4 RS232 Interface Setting

Refer to 2.1 to set RS232 serial interface parameters.

2.5 Font Settings

(1)Font settings

Set font size

(2)Language settings

Simplified Chinese, Western (English), Japanese, etc.

(3)Codepage

An alias for character set encoding, also known as an "internal code table".

2.6 Black mark Settings

(1)Checking

Default is off(No checking)

(2)Sensitivity

To check the black mark sensitivity.

(3)Positioning offset

It's the offset value after detecting black marks.

(4)Blank

Can input the starting position and tearing position of the positioning offset.

2.7 Other settings

(1)Speed

Printing speed

(2)Density

Print density

(3)OD Carriage return

Default is invalid.

(4)Position

Default is positive.

(5)Width

Valid printing width

(6)Buzzer settings

To set alarm, paper out buzzer setting.

(7)Cut

Enable or disable auto cutting

(8)USB

Printer: USB printing

CDC: USB to RS232 printing

2.8 Bitmap Download

(1)Bitmap index

Save the downloaded bitmap and corresponding index, then just use the index directly to print in the future.

(2)Bitmap Download

Save the bitmap to the printer and bind it to the corresponding index.

(3)Print Bitmap

Print the bitmap corresponding to the index.

3.Operation process

- 1) Connect computer ->Power on ->Run the tool
- 2) Select the correct current port configuration ->"Open" ->Success: The title bar will display the successful connection, and the button also changes to "close" (failed: there will be a corresponding prompt for failure)
- 3) Click the box before modifying the items that need to be modified and make the corresponding modifications.
- 4) After making the changes, click "Set" ->Success: Restarting the printer will take effect (Failure: there will be a corresponding response Prompt) ->"Close" (Successful: Port closed)
- 5) Restart the printer and repeat step 2 to 4.

4.FAQ

1. Connection failure: 1) Port incorrect 2) Port occupied
2. Setting failed, please check:
 - 1) The serial port settings are inconsistent with the printer's serial port
 - 2) The printer is turned off