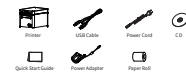


Thermal Receipt Printer Quick Start Guide SP900



Manufacturer: Siemen Hainan Electronic Technology Co., Ltd.
 Add: 16-16, Binengzhan Road, Tang'an District, Kunming, China 650100
 HSE: www.iprt.com
 Customer Service: email: info@iprt.com

Packing List



Notes:
 1. The items in the package depend on the actual order.
 2. The power cord varies by country or region.

Appearance and Components



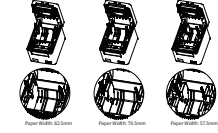
1. Printer Cover
2. Driver CD Indicator
3. Paper CD Indicator
4. Feed Station
5. Power Station
6. Observer Interface
7. Cash Drawer Interface
8. USB Interface
9. Power Supply Interface

Paper Loading

1. Open the printer cover.



2. When the paper width is 82.5mm, take out the paper guides on both sides; when the paper width is 57.5mm or 75.5mm, insert the paper guides into the correct paper guide slots (at the center position), as shown below.



3. Load the paper roll in the correct direction as shown below. Pull out some paper, and close the printer cover.



Power Supply

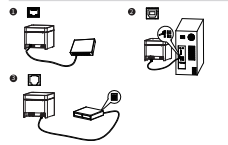
1. Connect power adapter with printer.
2. Connect power adapter with power cord.
3. Plug the other side of power cord into the socket outlet.

Note: the power cord varies by country or region.



Caution:
 This is class II product in a domestic environment, the product may cause radio interference in which the user may be required to take adequate measures.

Interface



Button Function

- Turn on/off the printer
 Press the power button and hold for 2-3 seconds to turn on/off the printer.
- Feed the paper
 When the printer is power on, press the feed button once to feed one line of paper; press and hold the feed button to feed a long distance of paper. The maximum paper feeding distance is about 25cm each time.
- Print the self test page
 When the printer is power off, press the power feed and power button simultaneously to turn on the printer, and the printer would print out the self test page.

Windows Driver Instruction

- Driver Preparation for windows
 Download the Windows Driver application program from the enclosed CD, or <http://www.iprt.com> (downloads file).
- Driver installation for windows
 (Take Windows 7 as an example.)
 1. Double click Windows Driver, and choose the language.
 2. Choose "I accept the agreement" and click "Next" or "Next".
 3. Choose the matched type and port (USB is for USB port, COM is for serial port, LPT is for parallel port). Choose the printer model (such as SP900), and click "Next".

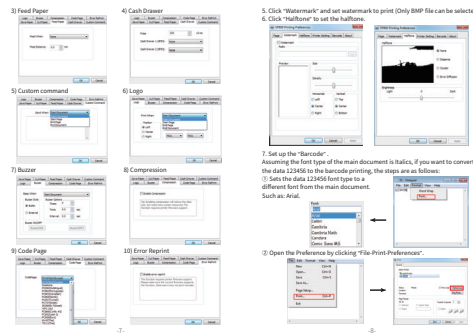


Note: If printer is already connected with computer by USB port, it only needs to click "next", then it will be installed automatically. Otherwise, proceed to the next step.



Windows Driver Setting

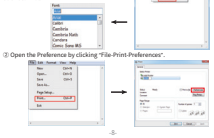
- Printing Preference
1. Right click the icon "SP900" and choose "Printing Preference".
 2. According to the different needs, choose "Paper/Other/Status/Effect/Printer" in "Page".
 3. Click "Manager" to add or delete paper.
 4. Click "Advanced" to set "Save Paper/Cut Paper/Feed Paper/Cash Drawer/Custom Command/Logo/Buffer/Compression/Code Page/Error Reprint".
 5. Save Paper
 6. Cut Paper
 7. Buzzer
 8. Compression
 9. Code Page
 10. Error Reprint
- Open the Preference by clicking "File-Print-Preferences".



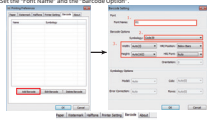
5. Click "Watermark" and set watermark to print (Only BMP file can be selected).

6. Click "WaterMark" is set the watermark.

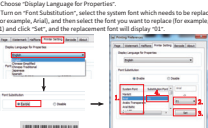
7. Set up the "Barcode".
 Assuming the font type of the main document is UTF-8, if you want to convert the data 223456 to the barcode printing, the steps are as follows:
 (1) Set the data 223456 font type to a different font from the main document. Such as Arial.



• Add Barcode fonts.
 • Set the "Font Name" and the "Barcode Output".


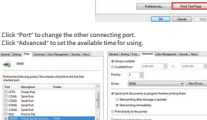


③ Click "Printer Setting".
 • Choose "Display Language for Properties".
 • Turn on "Font Substitution", select the system font which needs to be replaced (for example, Arial), and then select the font you want to replace (for example, Qi) and click "Set", and the replacement font will display "Qi".




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Printer Properties
 1. Click "Start" → "Devices and Printers", right click "SP900" and choose "Printer properties".
 2. Choose "General", click on "Print Test Page", then it will print the current settings.





3. Click "Port" to change the other connecting port.
 4. Click "Advanced" to set the available time for using.




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● **Uninstall Windows Driver**
 1. Double click Windows Driver, and then click "OK".
 2. Choose "Uninstall printer driver", then click "Next".

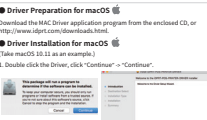


3. Choose "SP900", then click "Next".
 4. Then it is complete to uninstall.



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Mac Driver Instruction
 ● **Driver Preparation for macos**
 Download the Mac Driver application program from the enclosed CD, or http://www.idprt.com/downloads.html.
 (The macOS 0.1.1 is an example.)
 ● **Driver Installation for macos**
 1. Double click the Driver, click "Continue" → "Continue".




2. Select a destination and click "Continue".
 3. Choose "Installation Type" and click "Continue" → "Install".




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4. Type in the password of your computer, and click "Install Software".
 5. The installation was successful.



6. Turn on the printer (for example SP900) and connect it to your computer (for example via USB cable).
 7. Click Launchpad → System Preferences → Printers & Scanners.



8. Under "Printer & Scanner", printer SP900 is available.



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TROUBLESHOOTING
 Your printer is very reliable, but occasionally problems may occur. This part provides information on some common problems you may encounter, and how to solve them. If you encounter problems that you can not resolve, contact your dealer for assistance.

1. Printer Doesn't Work

Problem Description	Possible Causes	Solution
LED indicator is off, the printer is not working.	Printer has no power. Power cord disconnected. Cable board is broken.	Connect to the power supply. Check the printer. Contact with the dealer.

2. LED Indicator and Beeper

Printer	Light	Beeper	Possible Reason	Solution
On	On	Beep 5 times	Clear paper jam	Clear the printer cover.
On	On	Beep 10 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 5 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 10 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 15 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 20 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 25 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 30 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 35 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 40 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 45 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 50 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 55 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 60 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 65 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 70 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 75 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 80 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 85 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 90 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 95 times	Paper end error	Load a new paper roll.
Flashing	On	Beep 100 times	Paper end error	Load a new paper roll.

3. Problems During Printing

Problem Description	Possible Causes	Solution
Blank printing or equal	Check the print data. Check the printer status. Check the printer driver or print cable. Check the print data.	Check the print data. Check the printer status. Check the printer driver or print cable. Check the print data.
Paper is not feeding	Check the paper tray. Check the paper tray and paper quality.	Check the paper tray. Check the paper tray and paper quality.
Vertical print works but horizontal printing is not working	Check the printer head or print cable. Check the printer head or print cable.	Check the printer head or print cable. Check the printer head or print cable.

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4. Problems During Paper Cutting

Problem Description	Possible Causes	Solution
Cable jam, the needle is not moving or the print is not clear.	Check the printer status. Check the printer driver or print cable. Check the print data.	Check the printer status. Check the printer driver or print cable. Check the print data.
Printed image is not clear	Check the printer status. Check the printer driver or print cable. Check the print data.	Check the printer status. Check the printer driver or print cable. Check the print data.
Vertical print works but horizontal printing is not working	Check the printer head or print cable. Check the printer head or print cable.	Check the printer head or print cable. Check the printer head or print cable.

FCC WARNING
 This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
 NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
 To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance between 20cm from the radiator your body. Use only the supplied antenna.

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