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1. INSTRUCTION

RP-76II printer is POS impact dot matrix receipt printer with stable performance, high reliability and simple operation. It is widely used in supermarkets, shopping malls, hospitals, restaurants, banks, gas stations, toll collection and other places for its high cost effective.

Safety Instruction

Please read the content of the following carefully before using the printer, and strictly followed it.

1. Warnings:

Warning: Do not touch the printer cutter or paper tearing cutter.

Warning: The print head is the heat components. Do not touch the print head and the peripheral components during the printing process or just finishing the printing.

2. Precautions:

- (1) The printer should be put on solid place. Don't put printer on vibration and shocking place.
- (2) Don't print or save printer in high-temperature, high-humidity and heavily polluted place.
- (3) Printer adapter should be connected to a properly grounded socket.
Don't use the same socket together with large motors or other equipment that may cause voltage fluctuations.
- (4) Avoid water or conductive material (such metal) going into the inside of the printer, once happen, should turn off the power immediately.
- (5) If long time not uses printers, should disconnect the adapter power.
- (6) Don't disassemble the printer for overhaul or transformation.
- (7) Please only use the adapter, which is together with printer

- (8) To ensure the quality and lifetime of printer, we recommend using high-quality thermal paper and ribbon.
- (9) Make sure the printer power is turned off when Pull or plug connection lines.
- (10) When pull or plug power cord, please hold at the cord end, which is marked with arrow (do not pull the soft part of the cord).
- (11) Please keep this manual for reference.

2. SUMMARISATION

2.1 、 Main Features

- Low noise, bidirectional and high speed printing
- Support cash drawer driver, support double color printing (black and red)
- Compact and attractive appearance
- Reasonable structure, easy operation and maintenance
- Interface optional : USB, parallel, serial, Ethernet
- Paper source sensor, automatic paper loading, and automatic detection of paper loading
- Character can be enlarged, bold, underlined print; character line spacing and left & right print spacing could be adjusted.
- Support different densities bitmap and download graphics print
- Support black mark detection position printing.
- Less power consumption and low running costs
- Compatible with ESC / POS

2.2. TECHNICAL SPECIFICATIONS

- Print Method: 9-pin Impact Dot Matrix
- Print head performance:
Print head pins: 9-pin impact Diameter: 0.305 mm
Print density : 210 dots, can print 420 positions

Print head life: 300 X 106 impacts per needle

- Effective print width: 42CPL (7X9) / 35CPL (9X9)

40CPL (7X9)/33CPL (9X9)

- Print speed: 4.4lines / sec
- Feed speed : 33lines/sec (Line height 4.23mm)
- Printer interface:

USB interface: Universal USB interface (B standard).

Serial Interface: DB9 female interface, baud rate can be 4800bps, 9600bps, 19200bps or 38400bps.optional (can be adjusted via DIP switches). No parity data structure, 8 data bits, 1 stop bit, supports RTS / CTS and XON / XOFF handshake protocol.

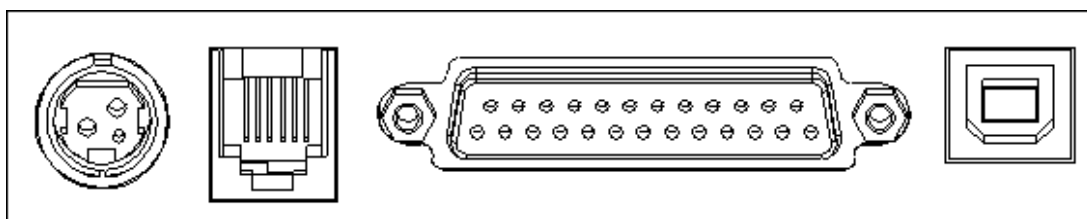
Parallel interface: 25PIN Parallel (male) bi-directional parallel interface, 8-bit parallel interface, support the BUSY/nAck handshake protocol.

Ethernet interface: 2 standard J45-8P interfaces, 10M/100M transmission speed adaptive, 100M internet LED indication , data communication LED indication.

Cash Drawer control: 6-wire RJ-11 socket, drive the cash drawer action via output DC 24V/1A signals

- Interface Panel for models:

RP-76II-UP:



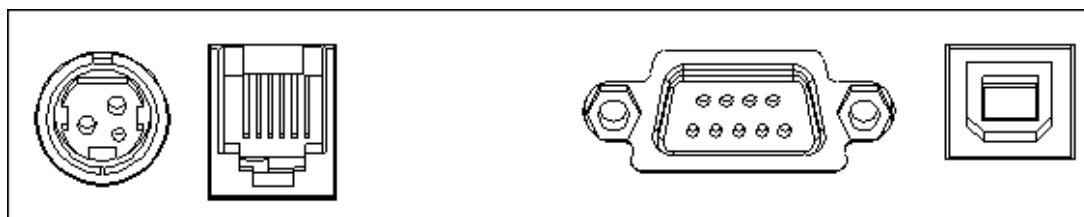
Power Port

Cash Box Port

Parallel Port

USB Port

RP-76II-US:



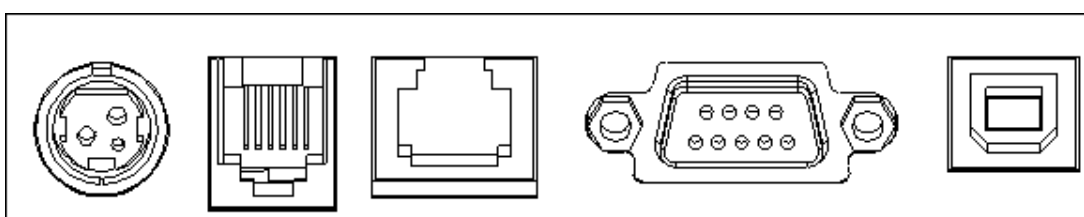
Power Port

Cash Box Port

Serial Port

USB Port

RP-76II-USE:



Power Port

Cash Box Port

Ethernet Port

Serial Port

USB Port

- **Printer Character**

ASCII Character set:

Font A, 9X9 dots, 1.6 (W) X3.1 (H) mm

Font B, 7X9 dots, 1.2 (W) X3.1 (H) mm

GB2312: 16X16 dots, 2.7 (W) X2.7 (H) mm

Code Page: PC437、Katakana、PC850、PC860、PC863、PC865、WPC1252、PC866、PC852 、Vietnainii.PC857 、Turkey、Thai and PC858. Support up to 13 International Language.

- **Paper Specification**

Paper types: high-quality 1 linked ordinary continuous paper or 2-3 self-copy paper.

Paper width: 76.0 ± 0.5 mm

Paper roll outer diameter (Max.): Φ75 mm

Paper roll diameter (Min.): Φ12 mm

Single-layer paper thickness: 0.06 to 0.085 mm

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