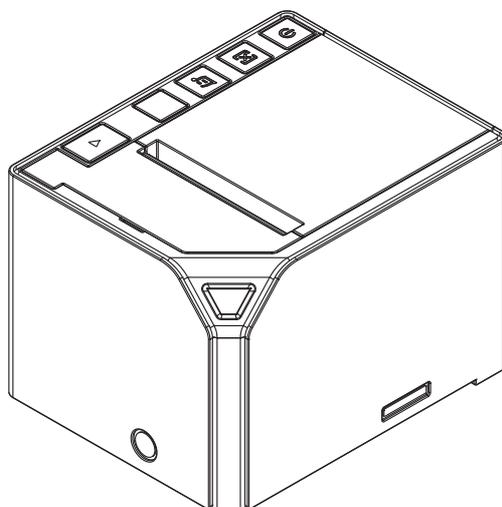


USER'S MANUAL

PRINT!



1. Safety Notice:

- * Don't touch the printer head with anything.
- * Don't touch the cutter blade.
- * Don't bend the power cord excessively or place any heavy objects onto it.
- * Don't use the printer when it is out of order. This can cause a fire or and electrocution.
- * When connecting or disconnecting the plug, always hold the plug but not the cord.
- * Keep the desiccant out of children's reach.
- * Use only approved accessories and do not try to disassemble, repair or remodel it by yourself.
- * Install the printer on the stable surface. Choose firm, level surface where avoid vibration.
- * Don't let water or other foreign objects into the printer.
- * Don't connect a telephone line into the peripheral drive connector.
- * We recommend that you unplug the printer from the power outlet if no use it for a long period .

2. Unpacking

After unpacking the unit, check that all the necessary accessories are included in the package.

User's Manual	1 PCS
Printer	1 PCS
Data Cable	1 PCS
Power Adapter (include power cord)	1 SET

3. Features

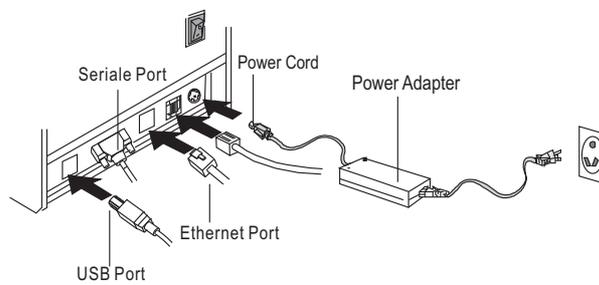
- * 300mm/sec high-speed printing
- * High print quality
- * Low working noise
- * Support cashdrawer kick-out
- * Easy maintenance
- * Various interface available (Seria+USB+Ethernet)
- * Built-in data buffer
- * Support character enlargement, bold, underline, line spacing and character spacing
- * Support NV images download
- * Low energy consumption and low operation cost
- * Compatible with ESC/POS command set
- * Character per line and character set can be set by DIP switches
- * Support Ethernet Printing status monitor, multiple connection printing and OPOS printing
- * Support printer identification, software binding and high-speed driver mode
- * Support various character sets (include GB18030)
- * High speed driver printing mode, 66%Improvement in print speed though serial port
- * Connect and print Faster, stop receipt misprinting
- * Built in web page to set up printer directly

4.Specifications

Model	PRINT!
Paper end detection	Support
Printing speed	300mm/sec
Paper roll	Dimension: width: 79.5±0.5mm Max diameter: 83mm Roll diameter: Inside: 12mm Outside: Minimum 18mm Maximum 26mm
Printing width	79.5±0.5mm
Dot pitch	576dots / line&512dots / line
Character size	ANK Character, Font A: 12×24dots, Font B: 9×17dots, Chinese Character: 24×24dots
Print command	Compatible with ESC/POS
Interface	Serial+Ethernet+USB
Auto cutter	Partial
Reliability print	150Km
Barcode mode	UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)/ CODE39/ITF/CODABAR/CODE93/CODE128
Paper thickness	0.06~0.08mm
Powersupply	DC 24V/2A
Power adapter	Input: AC110V~220V, 50~60HZ Output: DC 24V/2A
Cash drawer	DC 24V/1A
Work temperature	Temperature: 0~45℃, Dampness: 10~80%
Storage temperature	Temperature: -10~60℃, Dampness: 10~90%
Dimensions	175x139x122mm

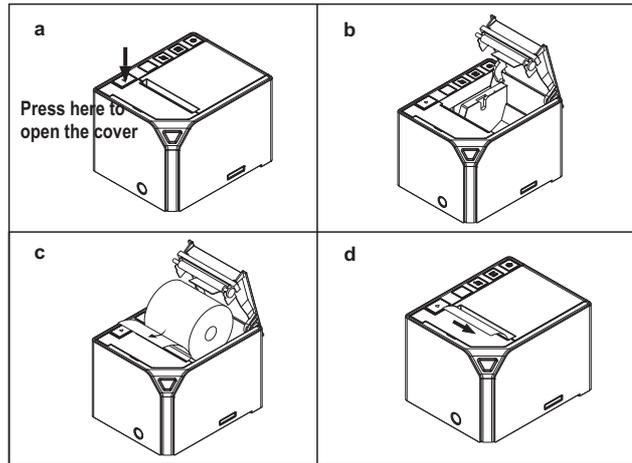
5. Printer Connection

- Plug the DC cord connector into the printer's power connector.
- Plug the data cable connector into the printer's interface connector.
- Plug the drawer cable into the drawer kick-out connector on the back of the printer next to the interface connector.



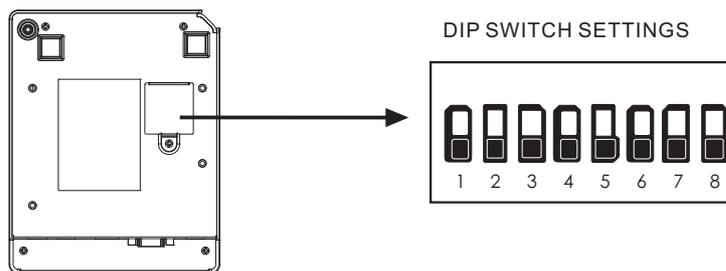
6. Installing the roll paper

- a. Open the printer cover.
- b. Install the roller in the roll paper, and put them into the printer.
- c. Pull out some paper outside the printer and then close the printer cover.
- d. Close the top cover. Press the printer cover to avoid error position of roll paper.
- e. Tear-off the paper correctly.

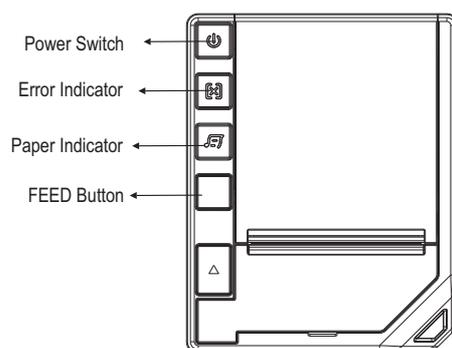


7. Setting the Printing Mode (DIP switches)

The DIP switches are used to set the printer to perform various functions, such as cutter mode, character set, speed, beeper, print density and etc.



8. Pulsanti e indicatori



9. Functions of buttons and indicators

(1) . FEED Button

Press to feed paper manually.

(2) . PAPER Indicator

When this indicator is lighting as well as the ERROR indicator, printer is out of paper.

When this indicator is dim as well as the ERROR indicator, printer has paper.

When this indicator is lighting but the ERROR indicator is dim, roll paper is near end.

(3) . POWER Indicator

When this indicator lights, the printer is turned on.

When this indicator dims, the printer is turned off.

(4) . ERROR Indicator

When printer is in the status of paper out, cutter error or print head overheat, this indicator is flashing according to user's defined setting.

10. Cutter Maintenance

Step (1)

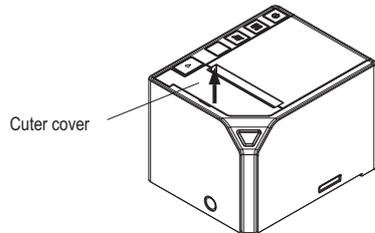
a. Turn off then on the printer, the printer will initialize and reset the cutter.

Step (2)

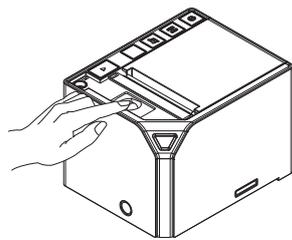
a. Open the front cover.

b. Wheel the gear on the cutter to make the cutter back to initial position. Open the printer cover and install roll paper correctly, then the printer works normally.

⚠ Caution: Do not open the printer cover by force, so as not to damage the print head and auto cutter.



Open the cover upward therefrom



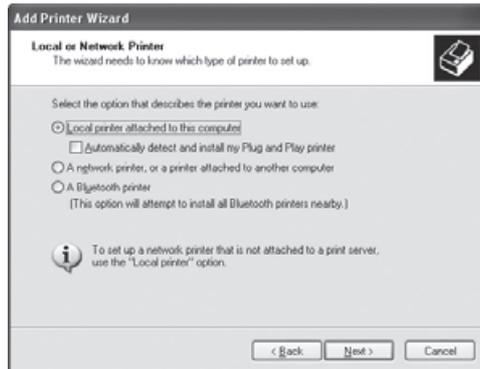
Turn the gear to reset the cutter

11. Driver Setup

- a. Run the printer Setup Guide and click "Next" to continue



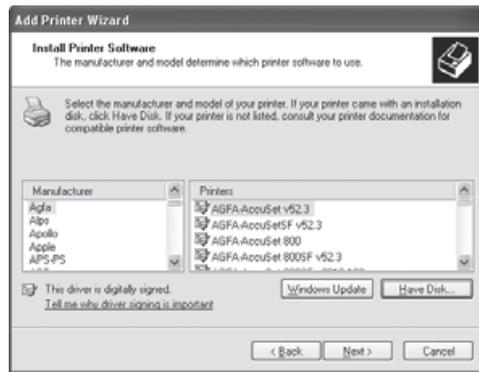
b. Choose the printer that you're using and click "Next" to continue



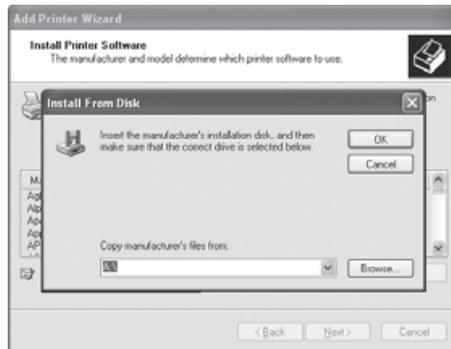
c. Choose the printer port to continue



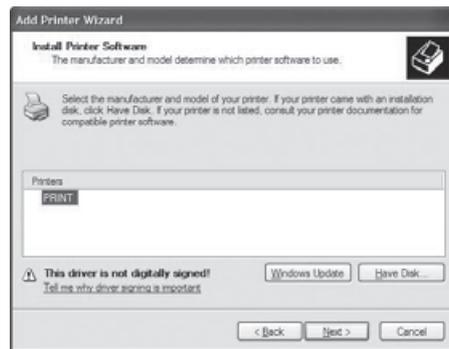
d. Click "install from disk" to continue



e. Insert the bundled driver CD into the CD-ROM drive to begin the installation



- f. Choose your printer model to continue the printer software installation



How to set the IP address on Print!

The default Print! IP address is : 192.168.123.100.

Follow the steps below to set a new IP address:

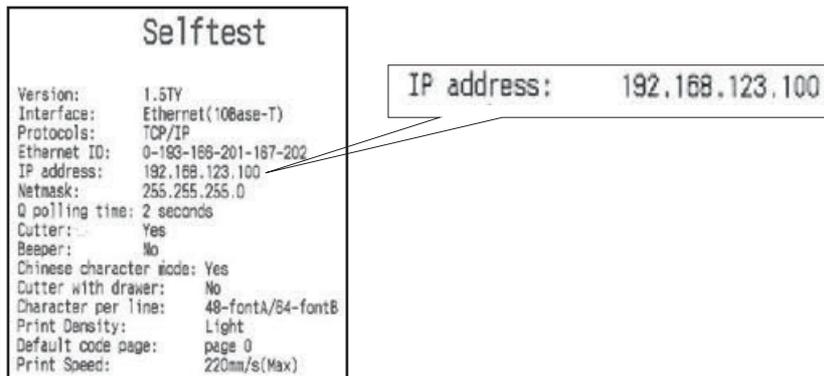
1. Turn on the printer and check the state of following LEDs:

- Power switched ON
- Error indicator switched ON
- Paper indicator switched ON

2. Insert a roll of thermal paper (80mm) and close the cover (only the switch power is switched ON)

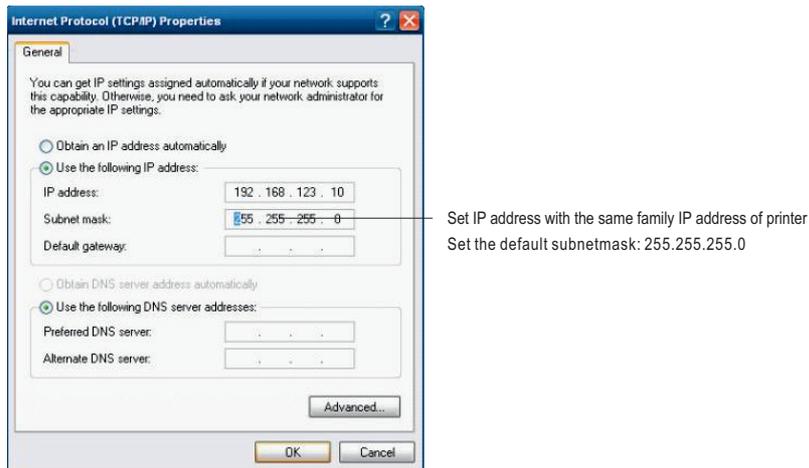
3. Switch off the printer and switch it on again by “pressing and holding” the FEED button until the paper button goes OFF. Then, release the feed button to get the selftest paper print.

4. Check the selftest paper contains the information as shown on Figure 1:



5. In order to configure the printer, its IP address has to have the same address family as the PC where the PRINT! is connected.

- From the PC, go to: Start /Control Panel/Network and Internet Connections/Network Connections
- double-click on "Local Area Connection (LAN)"
- click on "Properties"
- select the "TCP / IP" item
- click "Properties"



6. Now the PRINT! Can be programmed by the use of a specific software tool.
 Insert the provided CD-ROM on your computer and drag and open the Ethernet application on the following patch: E:\PRINTER TOOLS\Ethernet Setup.

7. The mask below allows to set a PRINT! new IP address

The screenshot shows the 'Ethernet Test' application window. It contains the following fields and buttons:

- Printer current IP address:** 192.168.123.100
- Printer set new IP address:** 192.168.123.200
- Printer set new Ethernet ID:** 0-128-128-128-128
- Buttons:** Connect Test, Set New IP Address, Set New Ethernet ID, Print, Cut Paper, CASH DRAWER, END.
- Text area:** Printer Ethernet Interface Test, TEST START, followed by a series of hash symbols (#) forming a printer's ASCII art logo.

Callouts provide the following explanations:

- Connect Test:** INDICATES THE CURRENT SET PRINTER IP: TO VERIFY THE COMMUNICATION WITH PC PRESS "Connect Test"
- Set New IP Address:** INSERT THE NEW IP ADDRESS TO SET THE NEW IP ON PRINTER AND PRESS THE BUTTON "Set New IP Address" TO APPLY
- Set New Ethernet ID:** THE PRINTER MAC ADDRESS (ETHERNET ID) CAN BE CHANGED. THE DEFAULT "ETHERNET ID" IS SHOWN ON THE SELF-PRINT PAPER (see FIGURE 1)

Buttons at the bottom are labeled as follows:

- Print:** PRINT A TEST PAPER
- Cut Paper:** SEND A COMMAND OF CUT PAPER
- CASH DRAWER:** OPEN THE DRAWER connected on the RJ11 of printer
- END:** CLOSE APPLICATION