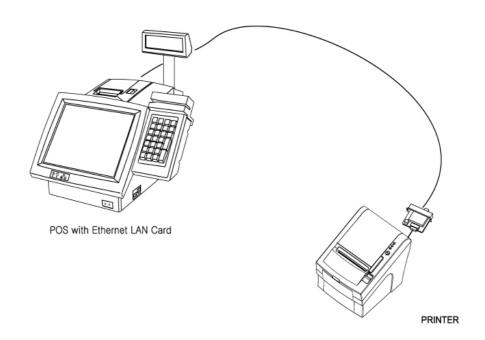# AP-8220 Thermo-Printer

How to use & set up ETHERNET
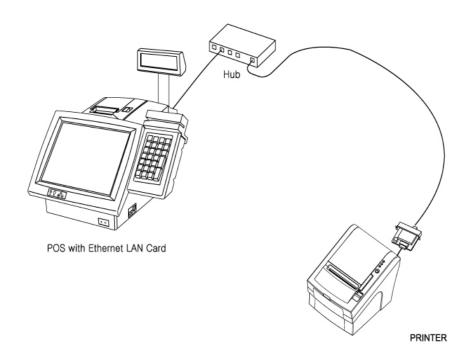
1. Connection of Ethernet
    1) Host <-> Printer
        - Lan Cable : Use of cross Cable
        - This is a method of communication without Hub and it will make possible only 1:1 communication with the Host

POS with Ethernet LAN Card

PRINTER

2) Host <-> Hub <-> Printer
  - Lan Cable : Use of direct Cable
  - This method is a communication through Hub between Host and Printer and it will make possible N:1 communication with the Host.
  - This also makes possible the connection with outer network by way of using the Hub.
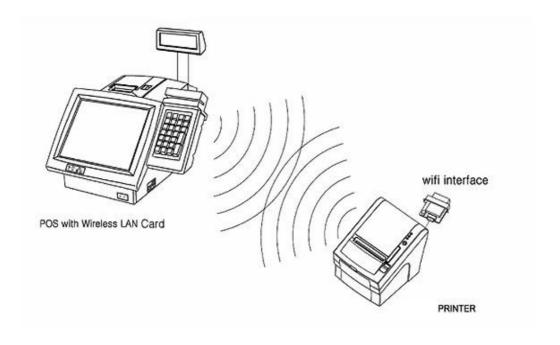
Connection of Wireless LAN
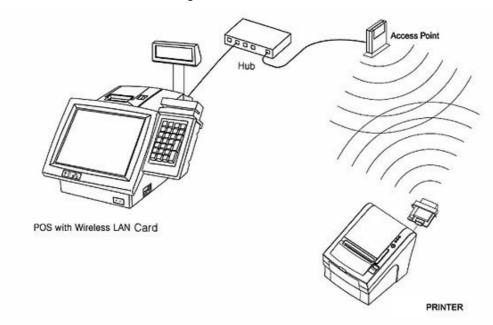
1) Adhoc Mode

   - Ad-hoc is a method of communication without AP(Access Point).
    Because the communication is made without AP, it cannot be connected to an external network or internet. This method is also called 'peer-to-peer'mode

POS with Wireless LAN Card

wifi interface

PRINTER

2) Infrastructure Mode

- Infrastructure mode is a communication method through AP(Access Point) between Host and Printer. Organizing a network by Infrastructure makes possible wired/wireless internet communication by way of wired network communication through AP.

POS with Wireless LAN Card

Hub

Access Point

PRINTER

Basic setting

1) Ethernet

- **IP Address : 192.168.0.192**
- **Subnet Mask : 255.255.255.0**
- **Gateway : 192.168.0.1**
- **Port : 9100**

2) Wireless Lan

- **Network Mode : Ad-hoc**
- **IP Address : 192.168.0.192**
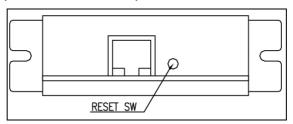- **Subnet Mask : 255.255.255.0**
- **Gateway : 192.168.0.1**
- **Port : 9100**

How to check on setting

1) Ethernet
   (1) Self Test
   - Turn off the printer.
   - Turn the printer back on while holding the Feed Button and
   - the printer will print out information on basic configuration
   (2) Ethernet Interface Reset S/W
   - Please press Reset S/W with any objects with a pointed tip while leaving the power of the printer on and it will print out information on configuration
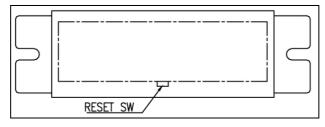

2) Wireless Lan
   (1) Self Test
   - Turn off the printer
   - Turn the printer back on while holding the Feed Button and
   - the printer will print out information on basic setting.

   (2) How to see IP from Wireless Lan Interface
   - Press Reset S/W of Wireless Lan Interface short and the IP will print out

   (3) Wireless Lan Interface Reset S/W
   - Press Reset S/W of Wireless Lan Interface with a pointed tip while leaving the power of printer on and the printer will print out setting information.

How to reset setting

1) Ethernet

   There is no way to reset the setting in Ethernet.
    Please check on the setting and modify it directly.

2) Wireless Lan

   - You can reset setting of Wireless LAN by obeying the following instruction.
   - To reset setting, turn off the printer and turn the printer back on while holding Reset S/W of Wireless Lan and it will be reset after 2-3 seconds. Setting of reset is the same as basic setting information.

Ethernet LED

1) Link LED
    (1) When connected with Host, LED becomes the status of 'On'

2) Status LED
    (1) It flickers depending on the status of standby or of communication.