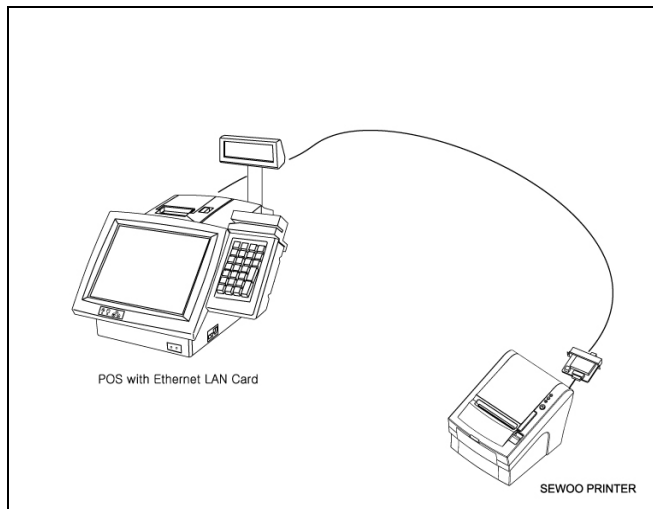


How to use & set up ETHERNET

1. Connection of Ethernet

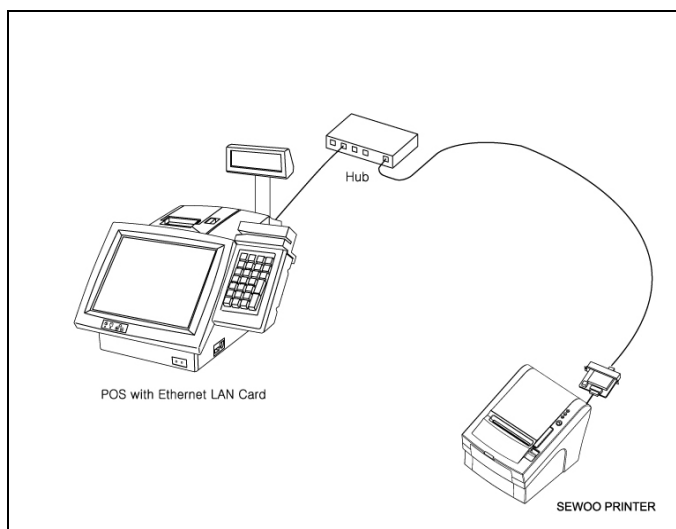
1) Host <-> Printer

- 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



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.

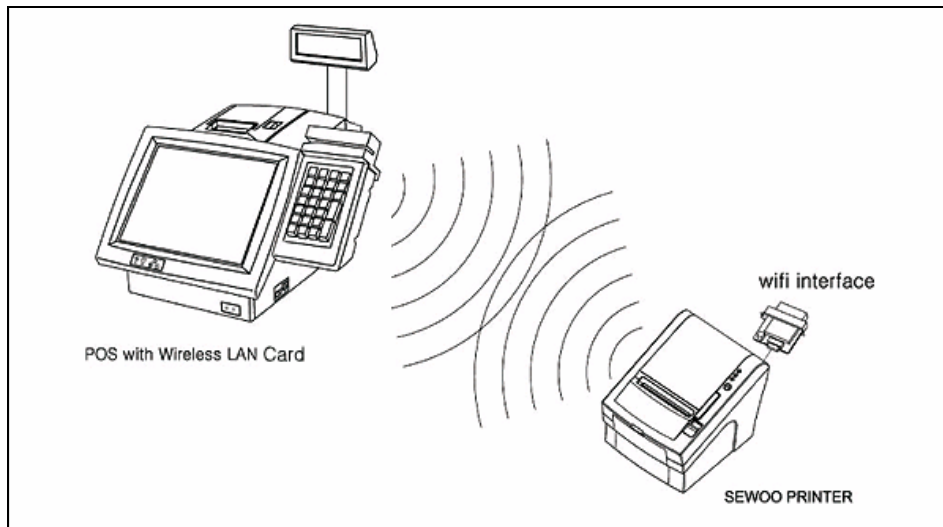


2. Connection of Wireless LAN

1) Adhoc Mode

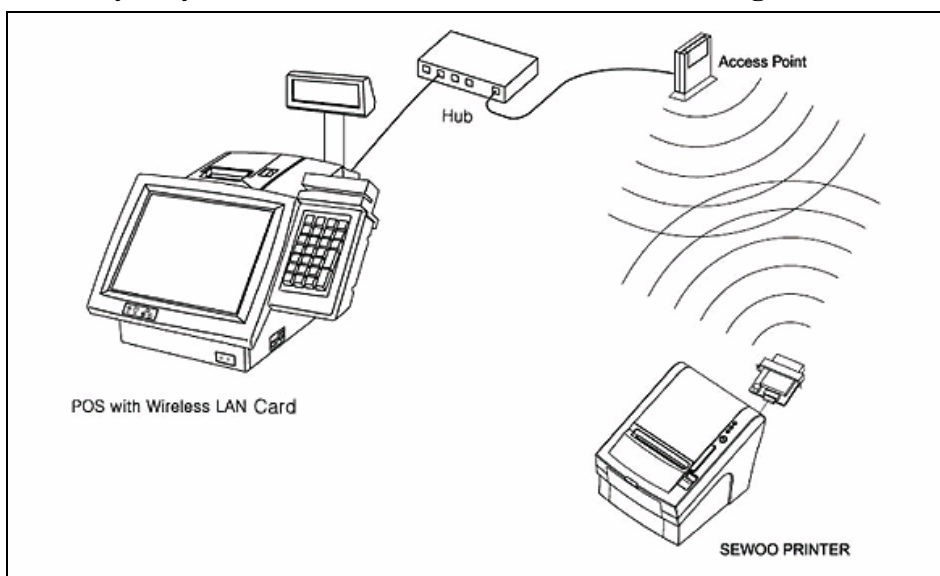
- Ad-hoc is a method of communication without AP(Access Point).

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



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.



3. 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

4. How to check on setting

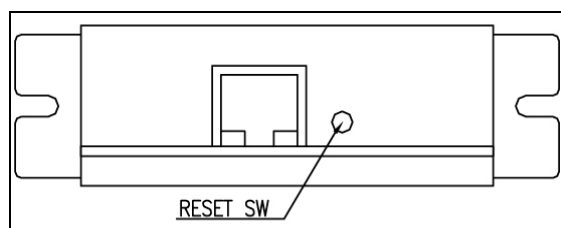
1) Ethernet

(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



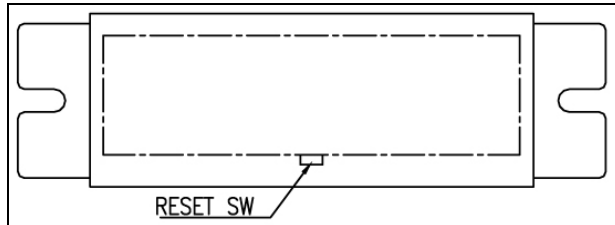
2) Wireless Lan

(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) 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.



5. 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.

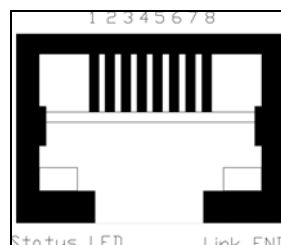
6. Ethernet LED

1) Link LED

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

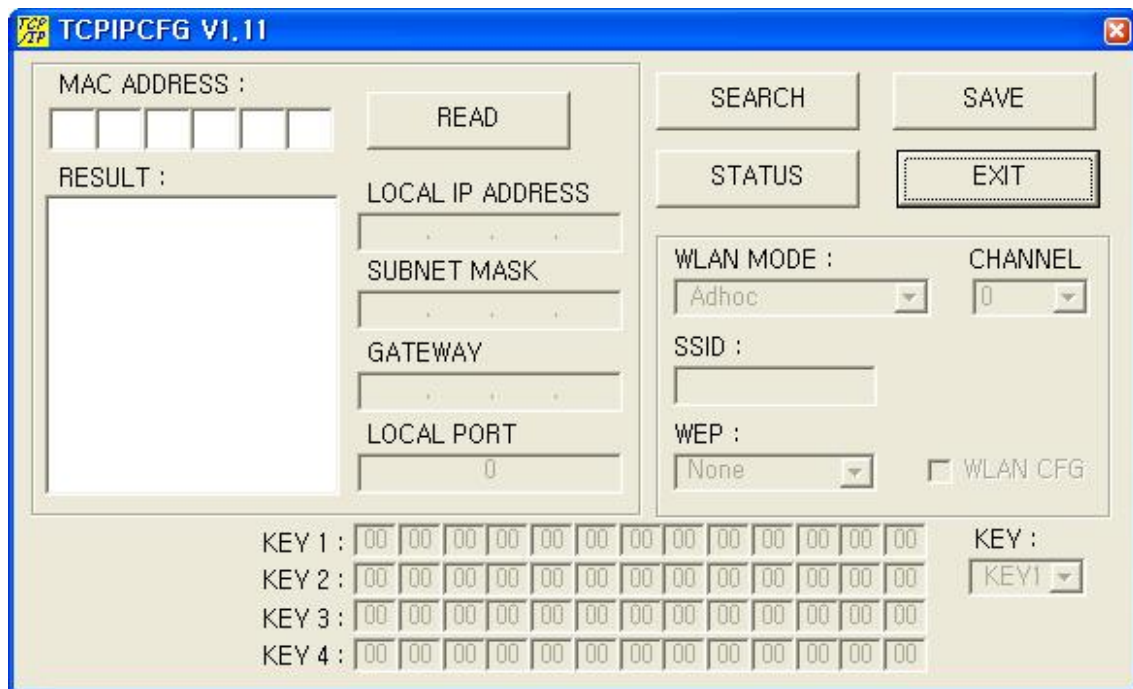
2) Status LED

- (1) It flickers depending on the status of standby or of communication.

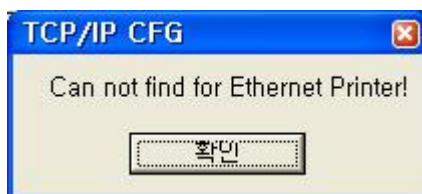
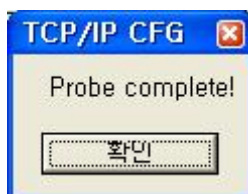


7. How to use TCPIPCFG.EXE

1) Execute TCPIPCFG.EXE



2) SEARCH BUTTON CLICK



3) Please key in setting values

TCPIPCFG V1.11

MAC ADDRESS :
00 30 F9 00 00 01
READ

RESULT :
00:30:F9:00:00:01

LOCAL IP ADDRESS
192 . 168 . 10 . 100
SUBNET MASK
255 . 255 . 255 . 0
GATEWAY
192 . 168 . 10 . 1
LOCAL PORT
9100

SEARCH SAVE
STATUS EXIT

WLAN MODE :
Adhoc
CHANNEL
0

SSID :
WEP :
None ☐ WLAN CFG

KEY 1 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00
KEY 2 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00
KEY 3 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00
KEY 4 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00

KEY :
KEY1

- (1) Key in and set up LOCAL IP ADDRESS
- (2) Key in and set up SUBNET MASK
- (3) Key in and set up GATEWAY
- (4) Key in and set up LOCAL PORT(TCPIP PORT NO.)

4) SAVE BUTTON CLICK



OK

- 5) Wireless setting – Click on SEARCH BUTTON after checking on WLAN CFG Check

TCIPCFG V1.11

MAC ADDRESS : 00 30 F9 04 08 6E READ

RESULT : 00:30:F9:04:08:6E

LOCAL IP ADDRESS 192 . 168 . 10 . 200

SUBNET MASK 255 . 255 . 255 . 0

GATEWAY 192 . 168 . 10 . 1

LOCAL PORT 9100

SEARCH SAVE

STATUS EXIT

WLAN MODE : Adhoc CHANNEL 1

SSID : ADHOC

WEP : None ☒ WLAN CFG

KEY 1 : 00 00 00 00 00 00 00 00 00 00 00 00

KEY 2 : 00 00 00 00 00 00 00 00 00 00 00 00

KEY 3 : 00 00 00 00 00 00 00 00 00 00 00 00

KEY 4 : 00 00 00 00 00 00 00 00 00 00 00 00

KEY : KEY1

6) Warning) Wireless setting should be set exactly after double-checking.

If falsely set, connection fails and reset should be needed.

IN all cases, WIRELESS LAN setting should be set along with AP or WIRELESSPC.

- (1) setting of WIRELESS LAN MODE
- (2) setting of Communication CHANNEL
- (3) Setting of SSID

7) setting of WEP KEY

- First, choose the kind of WEP KEY to use.

TCIPCFG V1.11

MAC ADDRESS :

00	30	F9	04	08	6E
----	----	----	----	----	----

RESULT :

00:30:F9:04:08:6E

LOCAL IP ADDRESS

192	168	10	200
-----	-----	----	-----

SUBNET MASK

255	255	255	0
-----	-----	-----	---

GATEWAY

192	168	10	1
-----	-----	----	---

LOCAL PORT

9100

SEARCH
STATUS

WLAN MODE : CHANNEL
SSID :
WEP : ☒ WLAN CFG
None
64Bit
128Bit

KEY :

KEY 1 :

00	00	00	00	00	00	00	00	00	00	00	00
----	----	----	----	----	----	----	----	----	----	----	----

KEY 2 :

00	00	00	00	00	00	00	00	00	00	00	00
----	----	----	----	----	----	----	----	----	----	----	----

KEY 3 :

00	00	00	00	00	00	00	00	00	00	00	00
----	----	----	----	----	----	----	----	----	----	----	----

KEY 4 :

00	00	00	00	00	00	00	00	00	00	00	00
----	----	----	----	----	----	----	----	----	----	----	----

(1) 64Bit

TCIPCFG V1.11

MAC ADDRESS :

00	30	F9	04	08	6E
----	----	----	----	----	----

RESULT :

00:30:F9:04:08:6E

LOCAL IP ADDRESS

192	168	10	200
-----	-----	----	-----

SUBNET MASK

255	255	255	0
-----	-----	-----	---

GATEWAY

192	168	10	1
-----	-----	----	---

LOCAL PORT

9100

SEARCH
STATUS

WLAN MODE : CHANNEL
SSID :
WEP : ☒ WLAN CFG
64Bit

KEY :

KEY 1 :

00	00	00	00	00	00	00	00	12	34	56	78	90
----	----	----	----	----	----	----	----	----	----	----	----	----

KEY 2 :

00	00	00	00	00	00	00	00	00	00	00	00	00
----	----	----	----	----	----	----	----	----	----	----	----	----

KEY 3 :

00	00	00	00	00	00	00	00	00	00	00	00	00
----	----	----	----	----	----	----	----	----	----	----	----	----

KEY 4 :

00	00	00	00	00	00	00	00	00	00	00	00	00
----	----	----	----	----	----	----	----	----	----	----	----	----

(2) 128Bit

TCPIPCFG V1.11

MAC ADDRESS :

00	30	F9	04	08	6E
----	----	----	----	----	----

RESULT :

00:30:F9:04:08:6E

LOCAL IP ADDRESS

192	.	168	.	10	.	200
-----	---	-----	---	----	---	-----

SUBNET MASK

255	.	255	.	255	.	0
-----	---	-----	---	-----	---	---

GATEWAY

192	.	168	.	10	.	1
-----	---	-----	---	----	---	---

LOCAL PORT

9100

WLAN MODE : CHANNEL

SSID :

WEP : ☒ WLAN CFG

KEY 1 :

12	34	56	78	9A	BC	DE	FE	12	34	56	78	9A
----	----	----	----	----	----	----	----	----	----	----	----	----

KEY 2 :

00	00	00	00	00	00	00	00	00	00	00	00	00
----	----	----	----	----	----	----	----	----	----	----	----	----

KEY 3 :

00	00	00	00	00	00	00	00	00	00	00	00	00
----	----	----	----	----	----	----	----	----	----	----	----	----

KEY 4 :

00	00	00	00	00	00	00	00	00	00	00	00	00
----	----	----	----	----	----	----	----	----	----	----	----	----

KEY :

After choosing WEP KEY, setting ACCESS POINT or WIRELESS LAN of WIRELESS PC should be accompanied.