

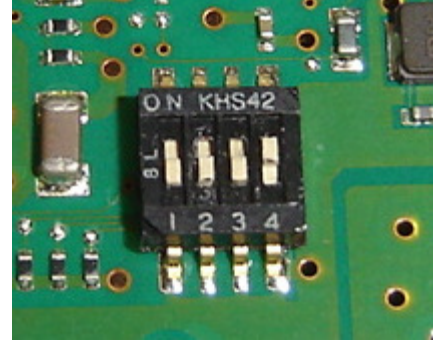
## **SATO Network Interface Card Configuration Instructions**

## Table of Contents

1. Reset of wired/wireless interface card.....	3
2. Installing the All-In-One Utility (recommended) .....	4
3. Configuring wired/wireless Ethernet with All-In-One Utility .....	5
A. Direct connection with cross-over cable .....	5
B. Connection over a network.....	10
C. Connection through a switch or hub. ....	12
D. Setting up wireless configuration. ....	16
4. Installing the Admin Manager (legacy Ethernet installation utility) .....	18
5. Configuring wired/wireless Ethernet with Admin Manager .....	20
A. Direct connection with cross-over cable.....	20
B. Connection over a network.....	25
C. Connection through a switch or hub. ....	27
D. Setting up a wireless configuration.....	31

## 1. Reset of wired/wireless interface card

- a) Power off the printer and remove the top and bottom screw holding the interface card in place on the back of the printer. Pull the interface card out of the printer.
- b) On the interface card, look for 4 small dip switches. Turn dip switch number 2 on (away from the number), then reinstall the interface card on the back of the printer. Do not screw the top and bottom screws back in yet.
- c) Power the printer on and wait for about 30 seconds. Power off the printer and pull the interface card back out. Turn dip switch number 2 on the interface card back down and re-insert the card into the printer. Put the top and bottom screw back into the printer that holds the interface card in place.



(\*\*\* Note: The pictures below show our current Network Interface cards which are only compatible with "e" series printers. If you have a non "e" series printer they will not work.)



## 2. Installing the All-In-One Utility (recommended)

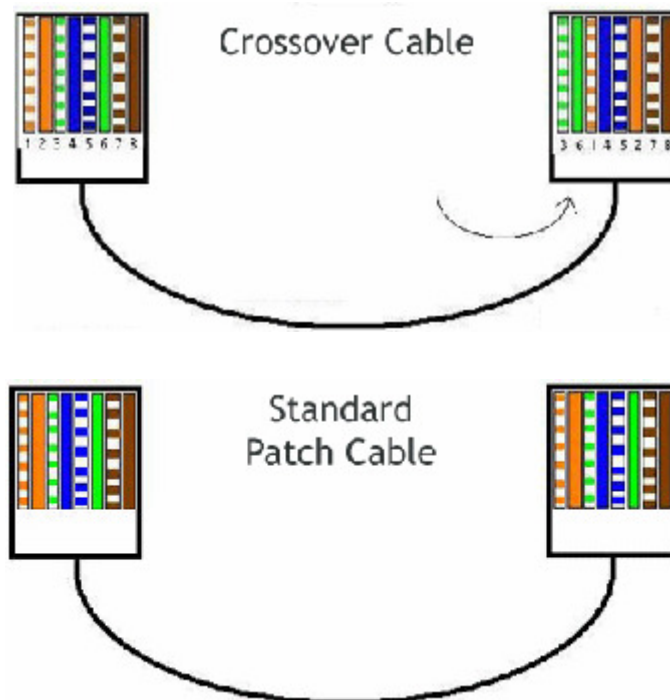
- a) Go to [www.satoamerica.com](http://www.satoamerica.com)
- b) On the left side of the main page click the "Resource Library" tab. Click on "All-In-One Printer Utility" in the expanded section heading.
- c) Click on "Download the All-In-One Software". (Please make sure to have .NET FRAMEWORK 2.0 or higher on the computer. There is a link on this page to download and install it).
- d) When prompted to open or save the file for download, make sure to save the file to the computer's desktop or designated download folder.
- e) When the file is finished downloading, navigate to the folder the file was downloaded/saved to – right-click on downloaded filename and click "Extract All..." from the quick pick menu. Keep the directory as the default to unzip the file to the desktop. (If you are using Windows 7 and have a prompt asking if you would like to copy this file without encryption, choose "yes".)
- f) Once files have been extracted, open the folder to view installation files.
- g) Next double-click on setup.exe. Follow the on-screen instructions to install the application.

### 3. Configuring wired/wireless Ethernet with All-In-One Utility

- a) If the card has been previously configured or you would like to start from scratch to configure the card, follow the “**Reset of wired/wireless interface card**” procedure on page 3 before continuing.
- b) There are three different methods for configuring a wired Ethernet interface card for a SATO printer. (A) Connection direct from PC/laptop to printer with a cross over cable. (B) Connection over a network. (C) Connection through a switch or hub.

#### A. Direct connection with cross-over cable

- (1) Be sure to have a cross over cable accessible. The difference in a regular Ethernet cable and a cross over cable is how the end of the cable is wired.



- (2) Connect one end of the cross over cable to the PC or Laptop and the other end to the back of the printer. (Do not turn the printer on yet).

- (3) The next couple steps will describe configuration of the computer for a static IP address; these steps are based on Windows XP; if you have Windows Vista or Windows 7 you can still change the same settings, but the process to do so is different.

- (4) Click on "Start".



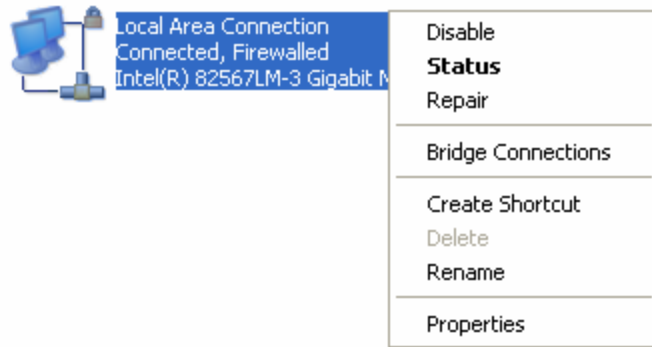
- (5) Click "Control Panel". (If "Control Panel" is not shown, click "Settings" and then "Control Panel".



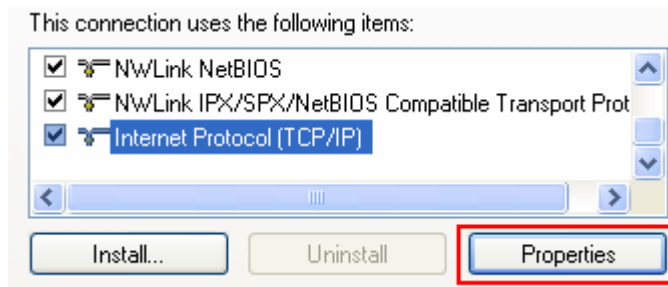
- (6) Double click on "Network Connections".



- (7) Right click on "Local Area Connection" and then click "Properties".



- (8) Scroll down the list of connections and click on "Internet Protocol (TCP/IP)" and then click "Properties".



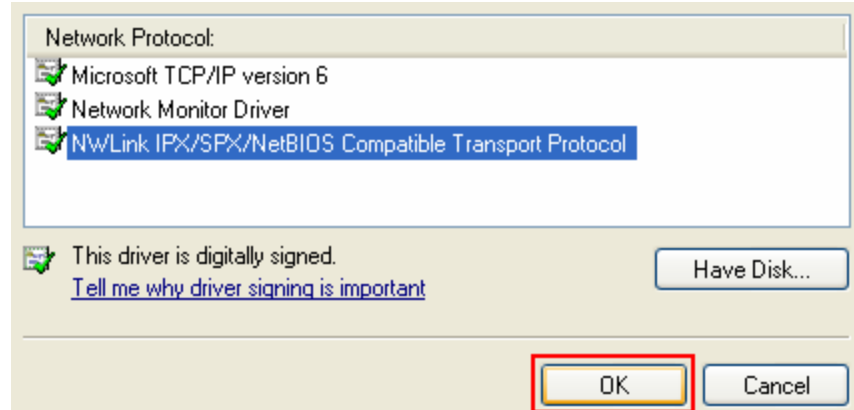
- (9) Chose the option for “Use the following IP address:” and assign the computer with an IP address within the same range of what you want to assign to the printer. For example, if you are setting the printer to 192.168.1.126 you will want to use an IP address that has the last octet

off by one number like in the picture to the right. The subnet mask will be based upon your IP address. If you need a list of appropriate subnet masks based upon your IP address you may need to consult your IT department or look up what subnet mask you need to have based upon your IP address on the internet.

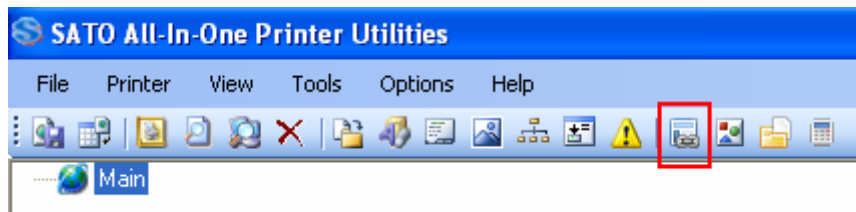
- (10) After clicking ok from configuring the IP address and subnet mask, on the previous window click on “Install”.

- (11) Next, click on “Protocol” and then click “Add”.

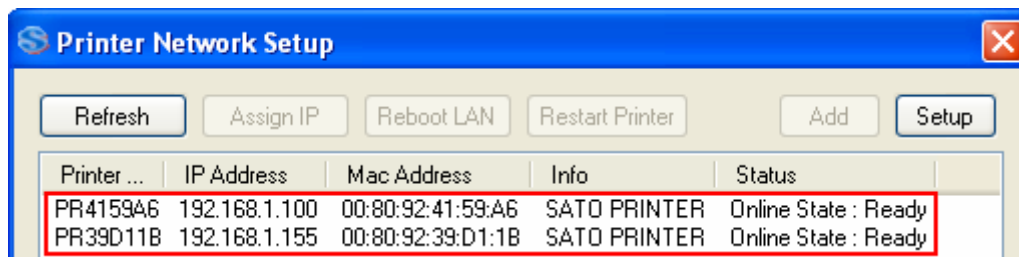
- (12) Select the protocol listed as "IPX/SPX" and then click "OK". (Windows Vista and Windows 7 does not have this protocol so you can skip this step.)



- (13) You can now close all the open windows and turn the printer on. Next, open the ALL IN ONE Application (Click "Start", "All Programs", "SATO", and then "SATO All-In-One Application"). Once open click the shortcut key for "IP Assignment tool". (Shortcut key indicated by the red box).



- (14) The IP Assignment tool will automatically scan the network for the printer. The list below shows 2 printers on a network, however your list should only show 1 printer with an IP address of 0.0.0.0. Click on your printer in the list and then click "Assign IP". (If you do not see anything in the list make sure you do not have any antivirus packages that include a firewall, if you do, please disable it. Also, if you are using Windows 7, you will have to disable the windows firewall).





- (15) On the next screen uncheck “DHCP” and “RARP” and then assign your IP address, subnet mask and default gateway. If you are unsure of what to assign, contact your IT department. After changing the appropriate settings, click “Apply” at the bottom.

- (16) A success message will pop up. Click “Yes” to reboot the interface.

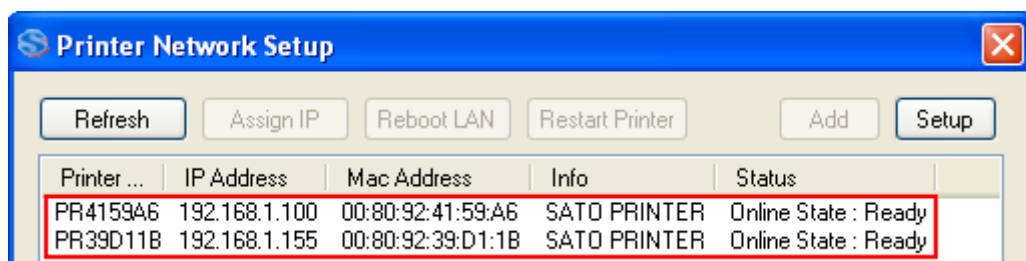
- (17) Click “OK” on the next screen. After clicking ok, wait about 1 minute and then continue to click the “Refresh” button on the previous window until you see the IP address that you just set on the printer.
- (18) Your printer is now set up properly. If you are keeping the computer hooked up permanently this way, you will need to install the printer driver and labeling software package to start printing. If the printer is being put on a network, power off the printer and use a regular Ethernet cable to connect the printer to the network.

## B. Connection over a network.

- (1) Before starting this configuration over a network please be aware that different networks are set up with different levels of security. If this process fails, please revert to Section A (**Direct connection with cross-over cable**) to eliminate the possibility of the security on the network causing issues with set up of the interface card.
- (2) If the card has been previously configured or you would like to start from scratch to configure the card, follow the **“Reset of wired/wireless interface card”** procedure on page 3 before continuing.
- (3) Make sure to have a regular Ethernet cable hooked up from the network to the printer and power on the printer. Your computer will also need to be connected to the same network as the printer.
- (4) Open the ALL IN ONE Application (Click “Start”, “All Programs”, “SATO”, and then “SATO All-In-One Application”). Once open click the shortcut key for “IP Assignment tool”.



- (5) The IP Assignment tool will automatically scan the network for the printer. The list below shows 2 printers on a network. Click on the printer in the list and then click “Assign IP” to set a static address to it. If you want to keep the network card on DHCP then just record the IP address to set it up in the printer driver.



- (6) On the next screen uncheck "DHCP" and "RARP" and then assign the IP address, subnet mask and default gateway. If you are unsure of what to assign, contact your IT department. After changing the appropriate settings, click "Apply" at the bottom.

- (7) A success message will pop up. Click "Yes" to reboot the interface.

- (8) Click "OK" on the next screen. After clicking ok, wait about 1 minute and then continue to click the "Refresh" button on the previous window until you see the IP address just set on the printer.
- (9) Your printer is now set up properly. Now you will need to install the appropriate printer driver and labeling software.

### C. Connection through a switch or hub.

- (1) If the card has been previously configured or you would like to start from scratch to configure the card, follow the **“Reset of wired/wireless interface card”** procedure on page 3 before continuing.
- (2) A switch, hub, or router is needed as well as 2 regular Ethernet cables. Hook one Ethernet cable from the hub/switch to the printer, and another Ethernet cable from a different port in the hub/switch to the PC.
- (3) The next couple steps will describe configuration of the computer for a static IP address; these steps are based on Windows XP; if you have Windows Vista or Windows 7 you can still change the same settings, but the process to do so is different.

- (4) Click on “Start”.



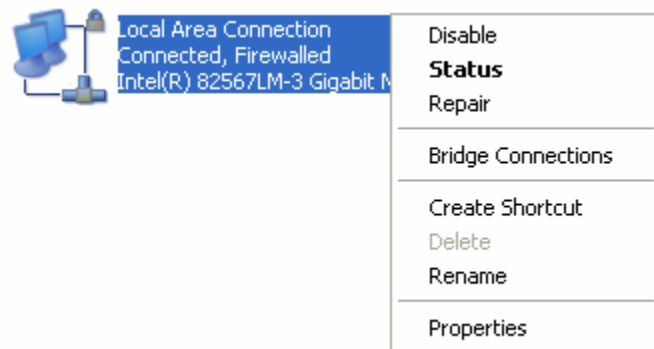
- (5) Click “Control Panel”. (If “Control Panel” is not shown, click “Settings” and then “Control Panel”.)



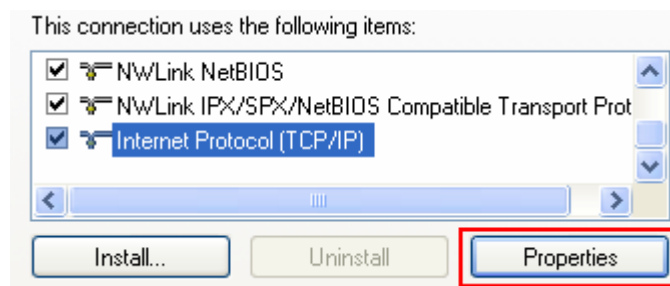
- (6) Double click on “Network Connections”.



- (7) Right click on “Local Area Connection” and then click “Properties”.



- (8) Scroll down the list of connections and click on “Internet Protocol (TCP/IP)” and then click “Properties”.



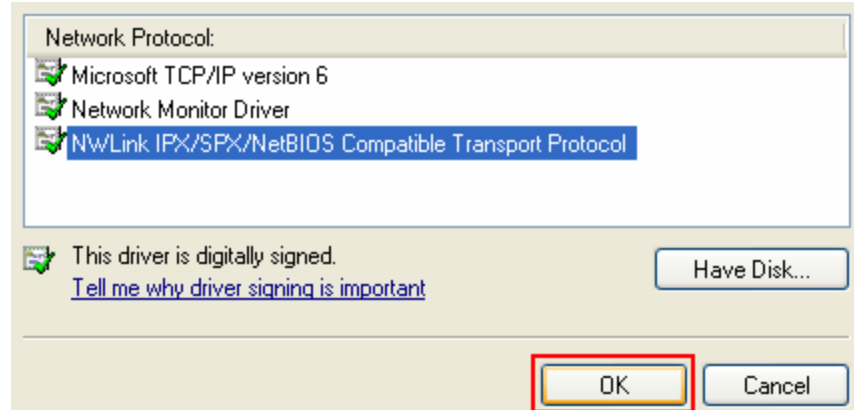
- (9) Chose the option for “Use the following IP address:” and assign the computer with an IP address within the same range of what you want to assign to the printer. For example, if you are setting the printer to 192.168.1.126 you will want to use an IP address that has the last octet

off by one number like in the picture to the right. The subnet mask will be based upon your IP address. If you need a list of appropriate subnet masks based upon the IP address you may need to consult your IT department or look up what subnet mask you need to have based upon the internet’s IP address.

- (10) After clicking ok from configuring the IP address and subnet mask, on the previous window click on “Install”.

- (11) Next, click on “Protocol” and then click “Add”.

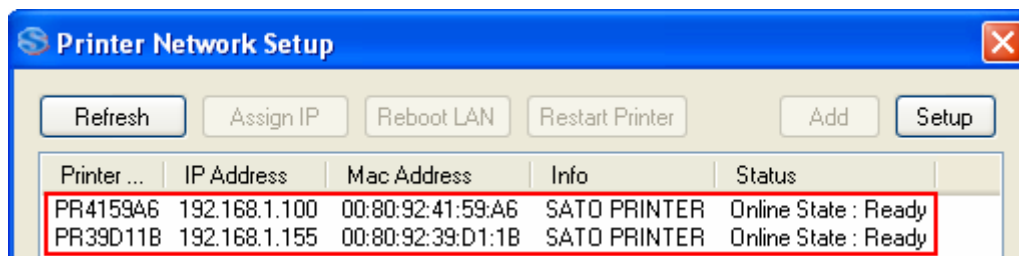
- (12) Select the protocol listed as "IPX/SPX" and then click "OK". (Windows Vista and Windows 7 does not have this protocol so you can skip this step.)



- (13) Close all your open windows and power the printer on. Next, open your ALL IN ONE Application (Click "Start", "All Programs", "SATO", and then "SATO All-In-One Application"). Once open click the shortcut key for "IP Assignment tool".



- (14) The IP Assignment tool will automatically scan the network for the printer. The list below shows 2 printers on a network, however your list should only show 1 printer with an IP address of 0.0.0.0. Click on your printer in the list and then click "Assign IP". (If you do not see anything in the list make sure you do not have any antivirus packages that include a firewall, if you do, please disable it. Also, if you are using Windows 7, you will have to disable the windows firewall).



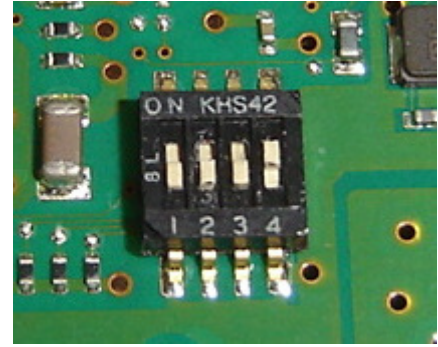
- (15) On the next screen uncheck "DHCP" and "RARP" and then assign the IP address, subnet mask and default gateway. If you are unsure of what to assign, contact your IT department. After changing the appropriate settings, click "Apply" at the bottom.

- (16) A success message will pop up. Click "Yes" to reboot the interface.

- (17) Click "OK" on the next screen. After clicking ok, wait about 1 minute and then continue to click the "Refresh" button on the previous window until you see the IP address that you just set on the printer.
- (18) Your printer is now set up properly. If you are keeping the computer hooked up permanently this way, you will just need to install your printer driver and labeling software package to start printing. If the printer is being put on a network, just turn the power on the printer off and use a regular Ethernet cable to connect the printer to your network.

## D. Setting up wireless configuration.

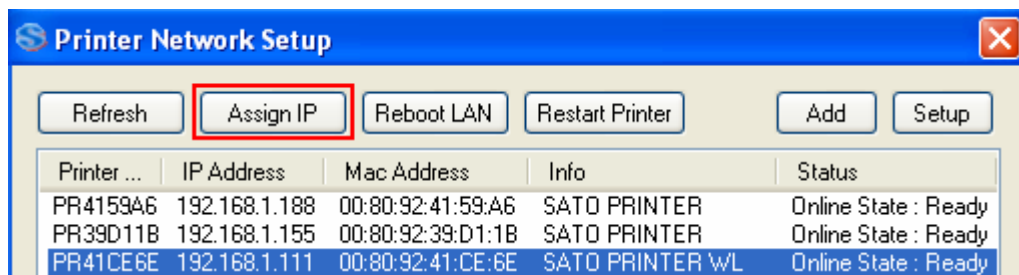
- (1) Before starting this section, make sure dip switch number 4 on the wireless Ethernet card is in the up position to have the wireless mode enabled for infrastructure.



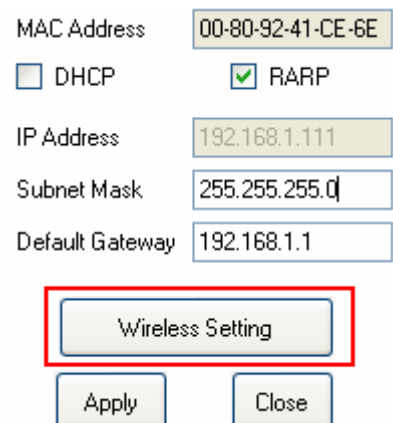
- (2) Follow one of the previous 3 methods above (Section A, B, or C) to establish communication through the wired portion of the Ethernet card before continuing to the next step.
- (3) Open the All-In-One Utility and then select the "IP Assignment Tool".



- (4) Select the printer to set up wirelessly and click on "Assign IP".



- (5) Next, click on "Wireless Setting".





- (6) The SSID will be the wireless network name. Authentication designates the preference to leave the connection open, or secure with a password. If you do use a password you have the option of WEP, or WPA. After setting all of the appropriate information, click "Apply".

The screenshot shows the 'Wireless LAN Setting' dialog box. The SSID field contains 'TS1'. The Channel dropdown is set to '11'. The Authentication dropdown is set to 'Open System'. There are three tabs: 'WEP Config', 'WEP 802.1X Config', and 'WPA Config', with 'WPA Config' being the active tab. Under the 'WPA Config' tab, 'WPA Mode' is set to 'PSK' and 'Encryption' is set to 'TKIP'. Below these, there is a 'WPA-PSK Config' section with a 'Pre-Shared Key' field that is currently empty.

- (7) After the changes have been applied power the printer off, disconnect the Ethernet cable on the back and restart the printer.
- (8) You should now be able to communicate with the printer wirelessly. Make sure to install the appropriate printer drivers and labeling software to complete your setup.

(\*\*Note: If you would like to use the wireless card in Ad hoc mode, put dip switch number 4 on the interface card to the off position.)

#### 4. Installing the Admin Manager (legacy Ethernet installation utility)

- a) Go to <http://www.satoamerica.com/resource-library/software/utilities.aspx> webpage.
- b) In the table, click "Admin Manager". Once you click on the link to download the Admin Manager utility, select "Save" option to save the file to the specified folder location (desktop folder is recommended).
- c) Once the download is complete, right click on the file named "AdminMgrV230.zip" on the desktop and click "Extract All". You can leave the default location on the extraction wizard to extract the file to your desktop. (If you are using Windows 7 and are prompted if you would like to copy files without encryption, choose "yes").
- d) Look for the new folder created on the desktop named "AdminMgrV230" without a zipper on it and double click on this folder.

- e) Double click on the "V230" folder, then double click on "Autorun.exe"



- f) On the next screen click on "Setup".



- g) Next click on "Advanced Setup".



- i) When prompted for another installation choice, use "Installing Admin Manager in your PC".

Without installing, direct activation via CD-ROM is possible (this helps no HD space requirement on the PC)

Installing AdminManager in your PC (It is recommended if you frequently use it)

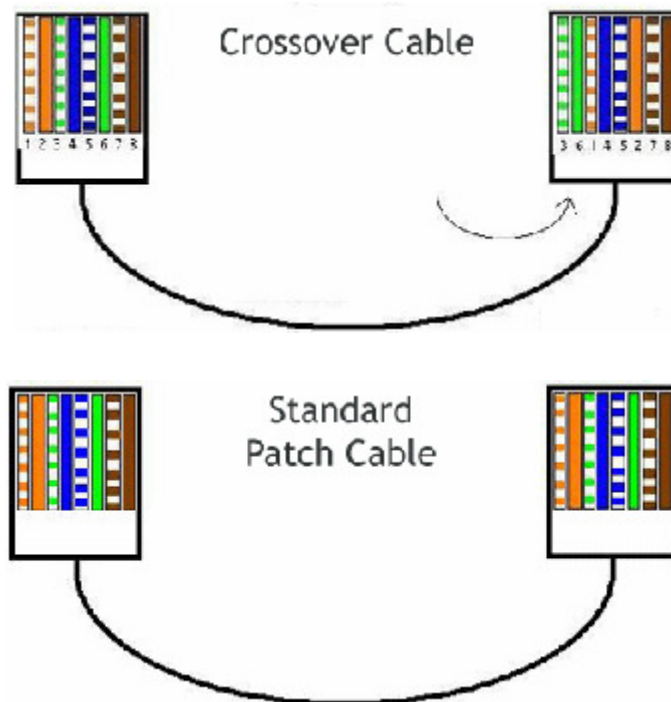
- j) Accept the license agreement on the next page and keep the file directory on the default directory and click "Next". Follow the next couple pages to finish the installation process.
- k) The last step will ask to activate admin manager. If yes is selected, the program will automatically open, if no is selected, the installation will be complete.

## 5. Configuring wired/wireless Ethernet with Admin Manager

- a) If the card has been previously configured or you would like to start from scratch to configure the card, follow the **“Reset of wired/wireless interface card”** procedure on page 3 before continuing.
- b) There are three different methods for configuring a wired Ethernet interface card for SATO printers. (A) Connection direct from PC/laptop to printer with a cross over cable. (B) Connection over a network. (C) Connection through a switch or hub.

### A. Direct connection with cross-over cable

- (1) Make sure to have a cross over cable available. The difference in a regular Ethernet cable and a cross over cable is how the end of the cable is wired.



- (2) Connect one end of the cross over cable to the PC or Laptop and the other end in the back of the printer. (Do not turn the printer on yet).

- (3) The next couple steps will describe configuration of the computer for a static IP address; these steps are based on Windows XP; if you have Windows Vista or Windows 7 you can still change the same settings, but the process to do so is different.

- (4) Click on "Start".



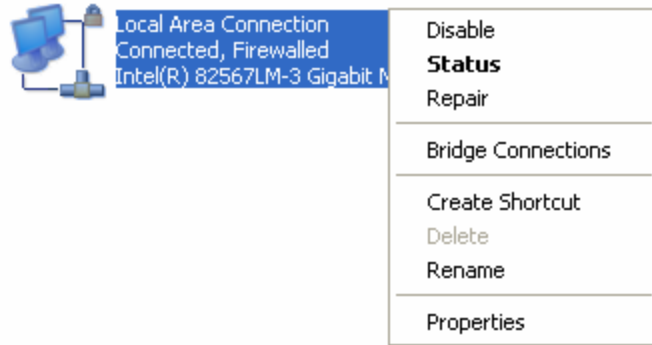
- (5) Click "Control Panel". (If "Control Panel" is not shown, click "Settings" and then "Control Panel".



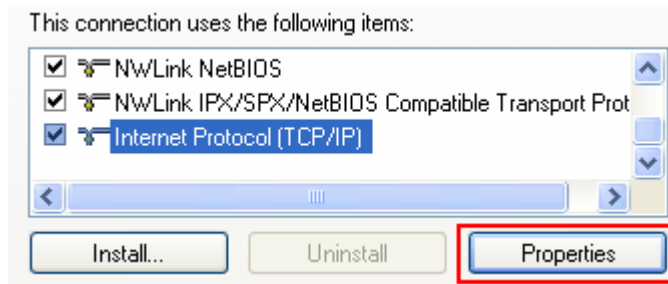
- (6) Double click on "Network Connections".



- (7) Right click on "Local Area Connection" and then click "Properties".



- (8) Scroll down the list of connections and click on "Internet Protocol (TCP/IP)" and then click "Properties".



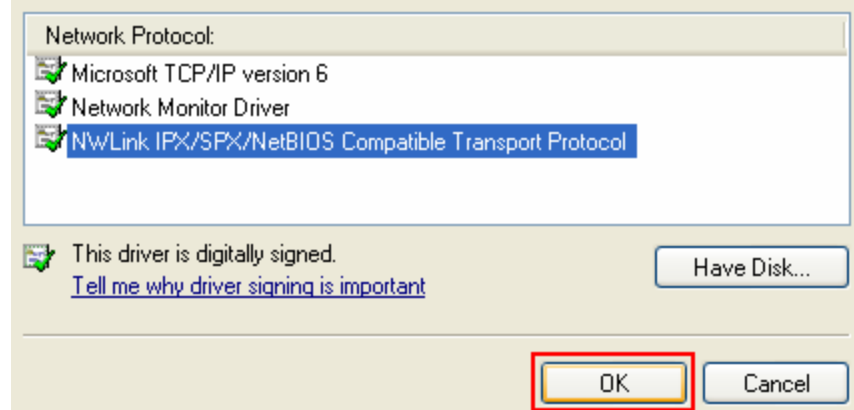
- (9) Chose the option for “Use the following IP address:” and assign the computer with an IP address within the same range of what you want to assign to the printer. For example, if you are setting your printer to 192.168.1.126 you will want to use an IP address that has the last octet

off by one number like in the picture to the right. The subnet mask will be based upon your IP address. If you need a list of appropriate subnet masks based upon your IP address you may need to consult your IT department or look up what subnet mask you need to have based upon your IP address on the internet.

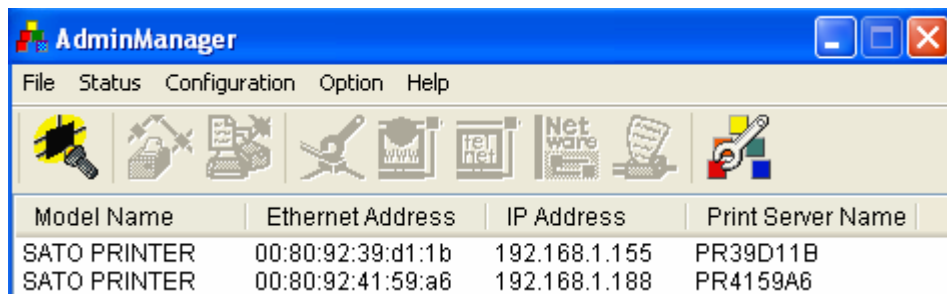
- (10) After clicking ok from configuring the IP address and subnet mask, on the previous window click on “Install”.

- (11) Next, click on “Protocol” and then click “Add”.

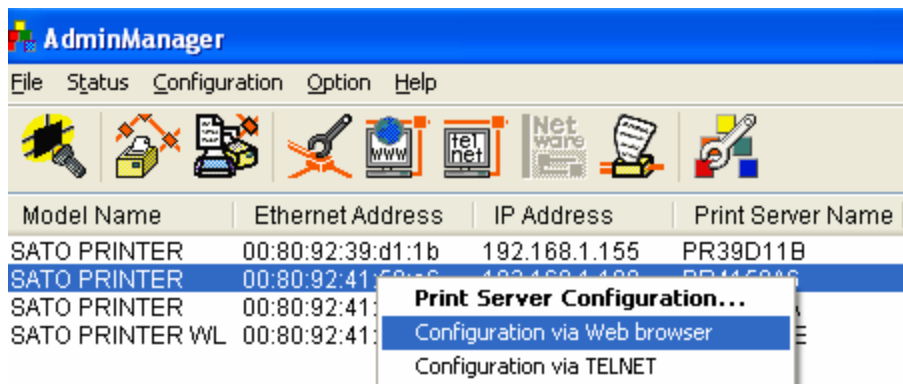
- (12) Select the protocol listed as "IPX/SPX" and then click "OK". (Windows Vista and Windows 7 does not have this protocol so you can skip this step.)



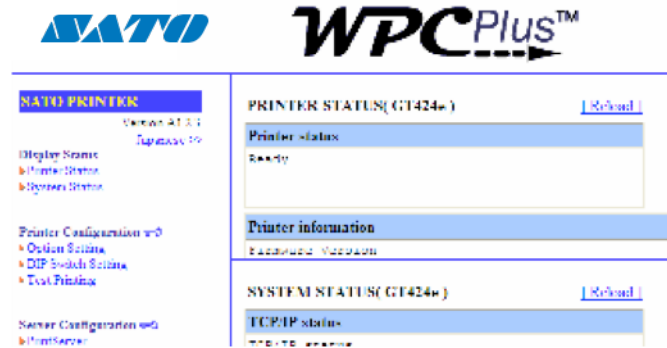
- (13) Close all of the open windows and power on the printer. Open the Admin Manager program. Admin Manager will automatically scan the printer when the program opens. In the list there is only one printer with the IP address "0.0.0.0" and an Ethernet address next to it. (If you do not see anything in the list, make sure to disable any antivirus packages including firewalls. Also, in Windows 7, the Windows firewall must be disabled.)



- (14) Right click on your printer in the list and click "Configuration via web browser". You will then be prompted to assign an IP address to the printer. After assigning an IP address, you will get confirmation.

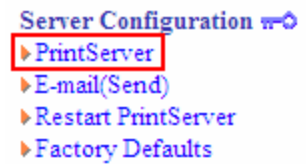


- (15) Close Admin Manager and open Internet Explorer. Go to the address bar at the top and type the IP address just assigned to the printer. You will be routed to a page as shown to the right.



- (16) On the left side of the screen, under "Server Configuration" click on "Print Server". You will be prompted to input a username and password. The username is "root" and the password is "" (no password).

- (17) At the top of the screen you will see an option for "TCP/IP". After clicking on this tab you can disable DHCP, and set your IP Address, Subnet Mask, and Default Gateway. When finished, click the "Submit" button at the bottom and you should see "Accepted" to let you know the changes were successful.



[\[General\]](#) [\[TCP/IP\]](#) [\[NetWare\]](#) [\[NetBEUI/NetBIOS\]](#) [\[SNMP\]](#) [\[PRINTER\]](#)

TCP/IP Config [\[ help \]](#)

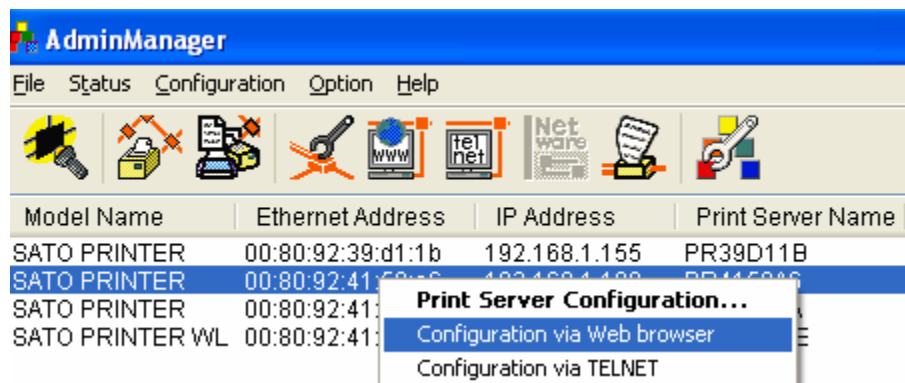
Name	Value
TCP/IP protocol	ENABLE <input type="button" value="v"/>
DHCP/BOOTP protocol	DISABLE <input type="button" value="v"/>
RARP protocol	DISABLE <input type="button" value="v"/>
IP address	192.168.1.188
Subnet mask	255.255.255.0
Gateway address	192.168.1.1

- (18) Your printer is now set up properly. If you are keeping the computer hooked up permanently this way, you will just need to install your printer driver and labeling software package to start printing. If the printer is being put on a network, just turn the power on the printer off and use a regular Ethernet cable to connect the printer to your network.

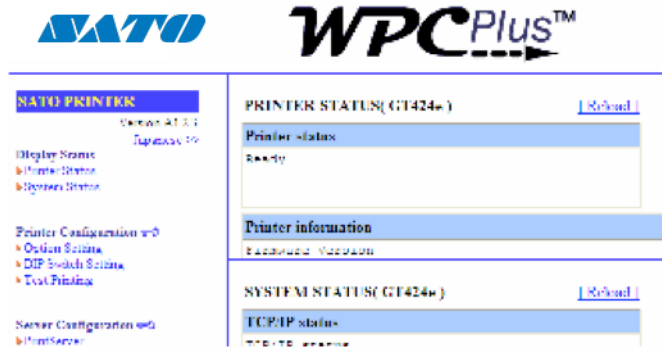


## B. Connection over a network.

- (1) Before starting this configuration over a network please be aware that different networks are setup with different levels of security. If this process fails, please revert to Section A (**Direct connection with cross-over cable**) to eliminate the possibility of the security on the network causing issues with setup of the interface card.
- (2) If the card has been previously configured or you would like to start from scratch to configure the card, follow the “**Reset of wired/wireless interface card**” procedure on page 3 before continuing.
- (3) Make sure to have a regular Ethernet cable hooked up from the network to the printer and power on the printer. The computer will also need to be connected to the same network as the printer.
- (4) Open the Admin Manager application (Click “Start”, “All Programs”, “Admin Manager”). The program will automatically scan the network for any SATO network interface cards. Once you see the appropriate printer, right click on it and click “Configuration via web browser” to set a static address to it. If the card needs to stay on DHCP, record the IP address and set it up in the printer driver at a later time.



- (5) Close Admin Manager and open Internet Explorer. Go to the address bar at the top and type the IP address just assigned to the printer. You will be routed to a page as shown to the right.



- (6) On the left side of the screen, under “Server Configuration” click on “Print Server”. You will be prompted to input a username and password. The username is “root” and the password is “” (no password).



- (7) At the top of the screen you will see an option for “TCP/IP”. After clicking on this tab you can disable DHCP, and set your IP Address, Subnet Mask, and Default Gateway. When finished, click the “Submit” button at the bottom and you should see “Accepted” to let you know the changes were successful.

[\[General\]](#) [\[TCP/IP\]](#) [\[NetWare\]](#) [\[NetBEUI/NetBIOS\]](#) [\[SNMP\]](#) [\[PRINTER\]](#)

TCP/IP Config [\[ help \]](#)

Name	Value
TCP/IP protocol	ENABLE <input type="button" value="v"/>
DHCP/BOOTP protocol	DISABLE <input type="button" value="v"/>
RARP protocol	DISABLE <input type="button" value="v"/>
IP address	192.168.1.188
Subnet mask	255.255.255.0
Gateway address	192.168.1.1

- (8) Your printer is now setup properly. You will need to install the appropriate printer driver and software package to begin printing.

### C. Connection through a switch or hub.

- (1) If the card has been previously configured or you would like to start from scratch to configure the card, follow the **“Reset of wired/wireless interface card”** procedure on page 3 before continuing.
- (2) You will need to have a switch, hub, or router to act as a switch as well as 2 regular Ethernet cables. Hook one Ethernet cable from your hub/switch to your printer, and another Ethernet cable from a different port in your hub/switch to your PC.
- (3) The next couple steps will describe configuration of the computer for a static IP address; these steps are based on Windows XP; if you have Windows Vista or Windows 7 you can still change the same settings, but the process to do so is different.

- (4) Click on “Start”.



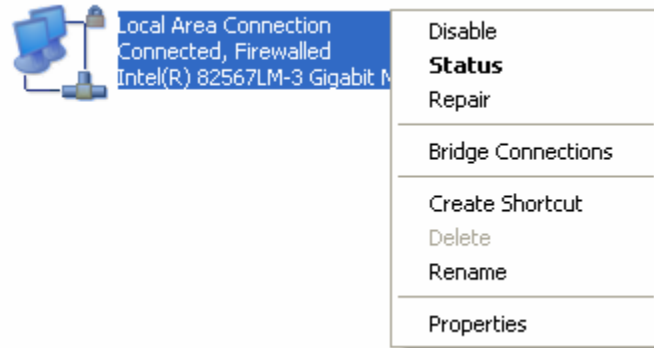
- (5) Click “Control Panel”. (If “Control Panel” is not shown, click “Settings” and then “Control Panel”.)



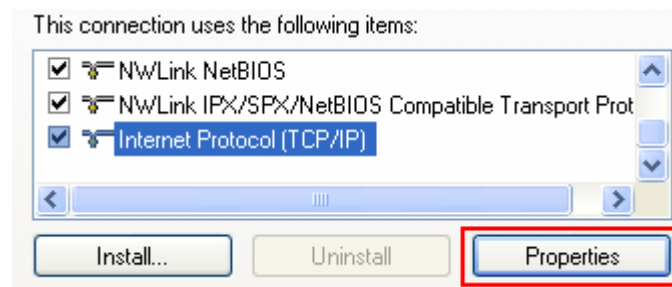
- (6) Double click on “Network Connections”.



- (7) Right click on “Local Area Connection” and then click “Properties”.



- (8) Scroll down the list of connections and click on “Internet Protocol (TCP/IP)” and then click “Properties”.



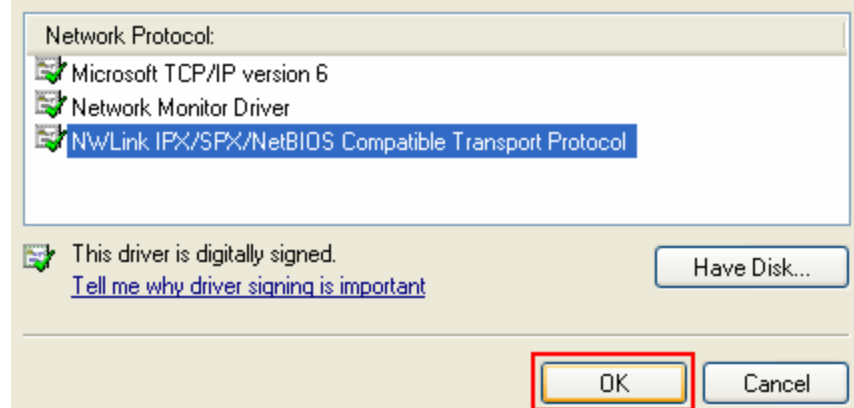
- (9) Chose the option for “Use the following IP address:” and assign the computer with an IP address within the same range of what you want to assign to the printer. For example, if you are setting your printer to 192.168.1.126 you will want to use an IP address that has the last octet

off by one number like in the picture to the right. The subnet mask will be based upon your IP address. If you need a list of appropriate subnet masks based upon your IP address you may need to consult your IT department or look up what subnet mask you need to have based upon your IP address on the internet.

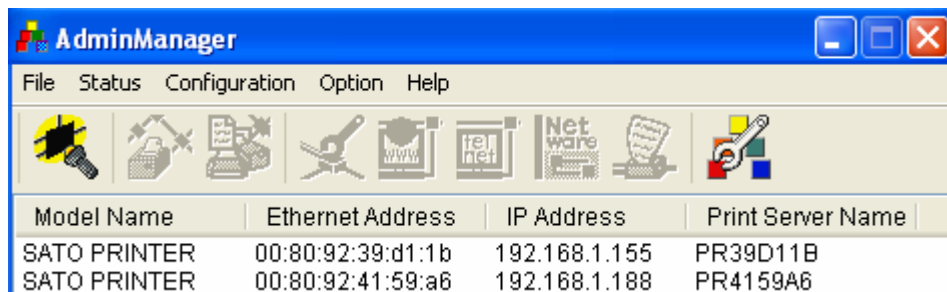
- (10) After clicking ok from configuring the IP address and subnet mask, on the previous window click on “Install”.

- (11) Next, click on “Protocol” and then click “Add”.

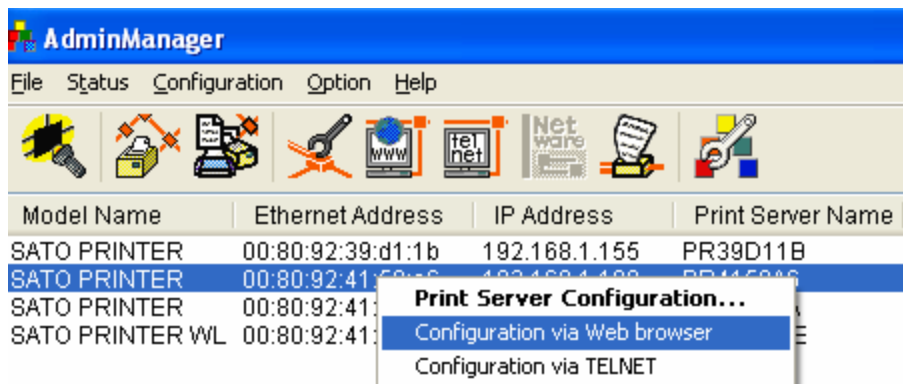
- (12) Select the protocol listed as "IPX/SPX" and then click "OK". (Windows Vista and Windows 7 does not have this protocol so you can skip this step.)



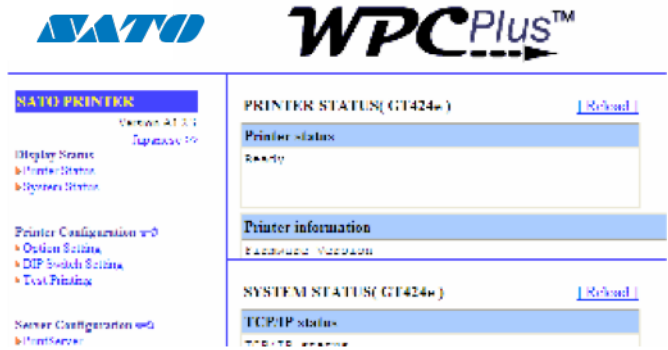
- (13) Close all open windows and power on the printer. Open the Admin Manager program. Admin Manager will automatically scan the printer when the program opens. In the list there is only one printer with the IP address "0.0.0.0" and an Ethernet address next to it. (If you do not see anything in the list, make sure to disable any antivirus packages including firewalls. Also, in Windows 7, the Windows firewall must be disabled.)



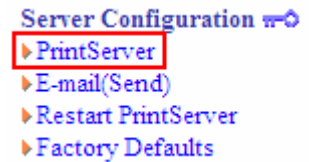
- (14) Right click on your printer in the list and click "Configuration via web browser". You will then be prompted to assign an IP address to the printer. After assigning an IP address, you will get confirmation.



- (15) Close Admin Manager and open Internet Explorer. Go to the address bar at the top and type the IP address just assigned to the printer. You will be routed to a page as shown to the right.



- (16) On the left side of the screen, under "Server Configuration" you will want to click on "Print Server". You will be prompted to input a username and password. The username is "root" and the password is "" (no password).
- (17) At the top of the screen you will see an option for "TCP/IP". After clicking on this tab you can disable DHCP, and set your IP Address, Subnet Mask, and Default Gateway. When finished, click the "Submit" button at the bottom and you should see "Accepted" to let you know the changes were successful.



[\[General\]](#) **[\[TCP/IP\]](#)** [\[NetWare\]](#) [\[NetBEUI/NetBIOS\]](#) [\[SNMP\]](#) [\[PRINTER\]](#)

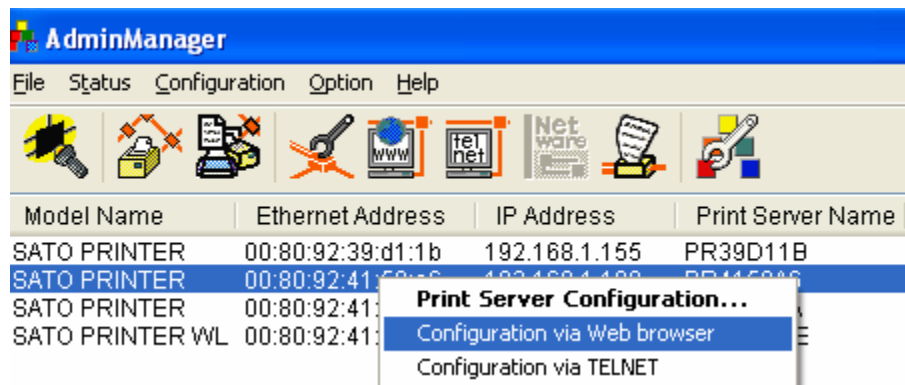
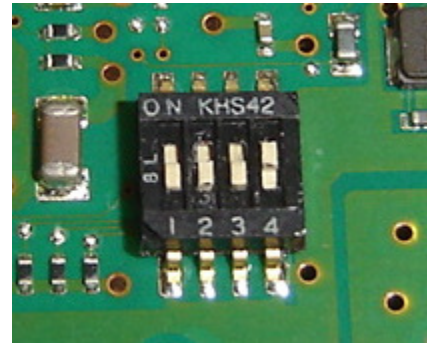
TCP/IP Config [\[ help \]](#)

Name	Value
TCP/IP protocol	ENABLE <input type="button" value="v"/>
DHCP/BOOTP protocol	<b>DISABLE <input type="button" value="v"/></b>
RARP protocol	DISABLE <input type="button" value="v"/>
IP address	<b>192.168.1.188</b>
Subnet mask	<b>255.255.255.0</b>
Gateway address	<b>192.168.1.1</b>

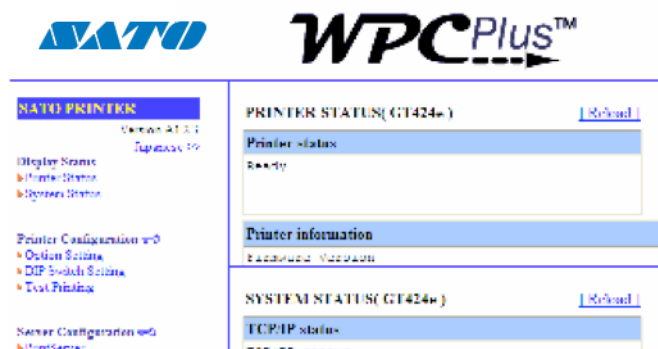
- (18) Your printer is now setup properly. If you are keeping the computer hooked up permanently this way, you will need to install the printer driver and labeling software package to start printing. If the printer is being put on a network, turn the power off and use a regular Ethernet cable to connect the printer to the network.

## D. Setting up a wireless configuration.

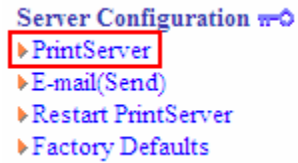
- (1) Before starting this section, make sure dip switch number 4 on the wireless Ethernet card is in the up position to have the wireless mode enabled for infrastructure.
- (2) Follow one of the previous 3 methods above (Section A, B, or C) to establish communication through the wired portion of the Ethernet card before continuing to the next step.
- (3) Open the Admin Manager application (Click "Start", "All Programs", "Admin Manager"). The program will automatically scan the network for any SATO network interface cards. Once you see the appropriate printer, right click on it and click "Configuration via web browser" to set a static address to it. If the card needs to stay on DHCP, record the IP address and set it up in the printer driver at a later time.



- (4) Close Admin Manager and open Internet Explorer. Go to the address bar at the top and type the IP address just assigned to the printer. You will be routed to a page as shown to the right.



- (5) On the left side of the screen, under “Server Configuration” you will want to click on “Print Server”. You will be prompted to input a username and password. The username is “root” and the password is “” (no password).



- (6) At the top of the screen you will see an option for “TCP/IP”. After clicking on this tab you can disable DHCP, and set your IP Address, Subnet Mask, and Default Gateway. When finished, click the “Submit” button at the bottom and you should see “Accepted” to let you know the changes were successful.

[\[General\]](#) [\[TCP/IP\]](#) [\[NetWare\]](#) [\[NetBEUI/NetBIOS\]](#) [\[SNMP\]](#) [\[PRINTER\]](#)

TCP/IP Config [\[ help \]](#)

Name	Value
TCP/IP protocol	ENABLE <input type="button" value="v"/>
DHCP/BOOTP protocol	DISABLE <input type="button" value="v"/>
RARP protocol	DISABLE <input type="button" value="v"/>
IP address	192.168.1.188
Subnet mask	255.255.255.0
Gateway address	192.168.1.1

- (7) Next click on the “Wireless” tab at the top and assign your “SSID” name for your wireless network.

[\[General\]](#) [\[TCP/IP\]](#) [\[NetWare\]](#) [\[NetBEUI/NetBIOS\]](#) [\[SNMP\]](#) [\[Wireless\]](#) [\[PRINTER\]](#) [\[Certificate\]](#)

Wireless LAN Config [\[ help \]](#)

Name	Value	Comment
SSID	TS1	32 letters[max.]

- (8) Further down on this same page you will see options for WEP security and for WPA security. If you are using WEP, change the drop down box to “Enable” and select your appropriate key number and password (this would be provided by your IT staff). If you are using WPA security, change (Network Authentication) at the top of the page to “WPA” and then scroll down the page until you reach “WPA Config”. Choose “TKIP” or “AES” depending on what your IT department wants you to use, and enter your password next to “Pre-Shared Key”. If you are not using security at all, make sure “Network Authentication”



stays on "Open System" and do not change any settings other than the SSID on this page. When the entire configuration is complete, click "Submit" at the bottom of the page and you will get an "Accepted" message.

- (9) You will now need to power the printer off, unhook the Ethernet cable, and power the printer on. The printer is now setup for wireless printing.

(\*\*Note: If you would like to use the wireless card in Ad hoc mode, put dip switch number 4 on the interface card to the off position.)