Thermal Receipt Printers

There are many types and version of receipt, kitchen and bar printers but most are very similar

- Srp350 (Parallel, Ethernet)
- Srp350plus (Usb, Ethernet)
- Srp350iiplus (Usb, Ethernet)
- Srp350epg (Ethernet)
- Srp350iiepg (Parallel)

Thermal printers are now used widely throughout the Tab Wizard software because of their speed and professional print style. It is also much more cost effective for the customer than choosing to go with an impact ribbon printer. The only cost to run a thermal printer is the paper itself.

The Srp350iipg and Srp350epg are the current standard printers. Tab Wizard has opted out of the usb Srp350plus and Srp350iiplus printers due to faulty connections but does have a few out in the field.

Note: *There is an RJ12 port on the reverse side of all receipt printers for use of an optional Beeper or Cash Drawer coupler*

Note: *Some systems using a thermal printer for Food / Bar printers are connected via Aten Adapters allowing a parallel printer to be placed at far distances from the computer. The Aten cable is a reversed phone cable with adapters at each end to fit a parallel port.*

Setting up the Srp350iipg parallel printer as a Receipt printer.

1. **Locate and install** the correct windows driver. (**ver Srp350-II_1.0.0.exe**)
2. A reboot may be required after installation
3. From **Windows Desktop**, **Start > Settings > Printers & Faxes**
4. Locate the **Bixolon Srp350** icon just installed and **double-click** it
5. Select **Printer** from the toolbar **> Properties > Ports**
6. Be sure the port selected is **LPT1** and connected via a parallel cable
7. Select the **Cutting and Drawer** *tab* and select **No Cut** option tick box below
8. Select the **General** *tab* **> Preferences > Paper / Quality tab > Receipt** (from drop down list) **> OK**
9. Select the **Print Test Page** *button* at the lower right.
10. This printer is now set up (for now)

Setting up the Srp350iiepg Ethernet printer as a kitchen or bar printer.

The computer will first need to be setup with a static ip address. The Ethernet printer is setup as a static ip on the network.

Take note: This process is very lengthy but can be accomplished must faster if the Local Area Connection adapter is temporily disabled during the setup BUT ONLY AFTER step 17 below.

1. From the **Windows Desktop, Start > Run**, type in **cmd** and hit **enter**
2. In the black DOS Command box, type **ipconfig /all** and then hit **Enter**
3. Pay attention to the **IP Address** as well as the **Default Gateway** address and write the numbers down. Example:

IP Address: **192.168.0.11**
Subnet Mask: 255.255.255.0
DHCP Server: 192.168.0.1
Default Gateway: 192.168.0.1

4. **Close the Command window**
5. From the **Windows Desktop, Start > Settings > Network Connections**
6. **Double-click Local Area Connection**
7. In the *white window box list*, select Internet **Protocol (TCP/IP) > Properties**
8. There may or may not be an IP address physically entered. If there is, take note of the IP Address and the Default Gateway which should be the same as the numbers listed in the command window above. *The IP address of the printer we are installing CANNOT be the same as the computer or the Default Gateway.*
9. If there are no numbers in the fields, select **Use the following IP Address** option and enter the numbers you saw in the Windows Command box above. *(See example numbers above).*
10. After selecting an IP Address, **select the TAB button on your keyboard 2 times** which will auto-fill the Subnet mask. If it does not, you need to input it by typing: **255.255.255.0**.
11. In the **Default Gateway field**, *type the Default Gateway number* as in the example above.
12. Select **OK > OK and close all windows**.
13. From **Windows Start > Programs > Bixolon > Configurator**, select **Search *button*** from the bottom of the window. *If the printer is powered on and connected via an Ethernet cable, a long number will appear in the large Board List window.*

14. **Select the large number in the list**. *Notice the IP Address of the printer. The printer IP Address can be changed only from this screen.*

15. Be sure the IP Address is similar to the Default Gateway above example but the last numbers must be different. *Example: 192.168.0.21*

16. Change the **Local Port to 6000**

17. Select **Setting** and *wait for a response* and then **select OK** and close the window.

18. From the **Windows Start > Settings > Network Connections**, *right-click* **Local Area Connection > Disable** (This will make setup still the same but much quicker).

19. **Locate and install** the correct **Srp350iiepg** windows printer driver. (**ver Srp350-II_1.0.0.exe**)

20. *A reboot may be required after installation*

21. From **Windows Desktop**, **Start > Settings > Printers & Faxes**

22. Locate the **Bixolon Srp350** icon just installed and **double-click** it

23. Select **Printer** from the toolbar **> Properties > Ports**

24. **Select Add Port**

25. **From the list, choose Standard TCP/IP Port > New Port > Next**

26. **The next window will ask for an IP Address or Name. Type in the IP Address of the printer to be installed.** *(this number is the same as step 15 above)* **> Next > Next > Finish**

27. Select **Close** on the *Printer Ports small window*

28. Select **Configure Port** in the *Properties* window

29. Change the **Raw Settings: Port Number** *9100* to **6000**

30. Select the **Cutter & Drawer *Tab*** and select **No Cut** as well as the drop down **Cutting Type** and select **Receipt (without paper feeding)**

31. Select the **General Tab** and **enter the name of the printer ex: Bar or Kitchen**

32. Select **Printing Preferences > Paper /** *Quality tab* **> Receipt** (from drop down list) **> OK > Apply > Close**

33. **From the Windows Start > Settings > Network Connections.** *Right-click* **Local Area Connection > Enable** and close the window

34. This printer is now set up (for now)