

### **Connecting Zebra Printers to Windows XP via Network**

The following instructions are for all DPAS supported Zebra printers except the Zebra GK420t.

The ZDesigner R110Xi4 203 dpi driver has been tested and recommended for DPAS use. This driver will support all Zebra printers approved by DPAS except the Zebra GK420t.

Please visit the **Support** > **Software and Hardware** section of the <u>DPAS Support Web Site</u> for a listing of approved DPAS printers.

## **Downloading Driver Files**

- 1. In your browser, navigate to <a href="http://tinyurl.com/ks4yxh6">http://tinyurl.com/ks4yxh6</a>
- 2. Select the ACCEPT AND BEGIN DOWNLOAD NOW button.
- 3. Choose Save.
- 4. Save the file to your **Desktop** and do not change the file name.
- 5. Once the download is complete, navigate to the file on your desktop and open the file.
- 6. If you receive a security warning, click **Run**.
- 7. Select OK.

| WinZip Self-Extractor                       |
|---|
| Welcome to the ZebraDesigner Driver v2.6.63 |
| OK Cancel                                   |

- 8. The file saved as a ZIP file. When you double-click it, Windows will prompt you to unzip the file. Please make sure it has **C:\ZD2663** as the Unzip to Folder.
- 9. Ensure the check for When done unzipping open: PrnInst.exe is NOT selected.





- 10. Choose the Unzip button.
- 11. Select the **OK** button once all files are unzipped successfully.

# **Installing the ZDesigner Print Driver**

1. Select Start > Printers and Faxes.







2. Choose the Add a Printer option.

| 🗞 Printers and Faxes  |          |
|---|----------|
| File Edit View Favorites Tools Help                                       | <b>1</b> |
| G Back 🗸 🌍 🔺 🦻 Search 🎼 Folders 🗙 🏢 -                                     |          |
| Address 🧐 Printers and Faxes  | 🔁 Go     |
| Printer Tasks   |          |
| Add a printer   |          |
| See Also  |          |
| <ul> <li>Troubleshoot printing</li> <li>Get help with printing</li> </ul> |          |
| Other Places  |          |
| Control Panel   |          |
| Scanners and Cameras  |          |
| My Documents  |          |
| Wy Computer   |          |
|   |          |
| Details   |          |
|   |          |
|   |          |
| 16 objects  |          |







3. The Add Printer Wizard displays. Select the Next button.







- 4. Select the **Create a new port:** radio button.
- 5. Select **Standard TCP/IP Port** from the **Type of port** drop-down list.
- 6. Select the **Next** button.

| Add Printer Wizard  |  |  |
|---|--|--|
| Select a Printer Port<br>Computers communicate with printers through ports. |  |  |
| Select the port you want yo<br>new port.                                    | our printer to use. If the port is not listed, you can create a                                  |  |
| $\bigcirc$ <u>U</u> se the following port:                                  | LPT1: (Recommended Printer Port)   |  |
| Note: Most computers<br>The connector for this p                            | use the LPT1: port to communicate with a local printer.<br>port should look something like this: |  |
|   | A A A A A A A A A A A A A A A A A A A  |  |
|   | Standard TCP/IP Port   |  |
|   | < <u>B</u> ack <u>N</u> ext > Cancel   |  |





- 7. The Add Standard TCP/IP Printer Port Wizard displays.
- 8. Select the Next button.







- 9. Enter the IP address for the printer in the **Printer Name or IP Address** field. The Port Name will automatically fill in.
- 10. Select the Next button.

| Add Standard TCP/IP Printer                             | Port Wizard 🛛 🔀                                 |
|---|---|
| Add Port<br>For which device do you want to add a port? |   |
| Enter the Printer Name or IP a                          | ddress, and a port name for the desired device. |
| Printer Name or IP <u>A</u> ddress:                     | 158.8.1.100                                     |
| <u>P</u> ort Name:                                      | IP_158.8.1.100                                  |
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |
|   | < <u>B</u> ack <u>N</u> ext > Cancel            |





- 11. Verify the **Device Type** is set to **Standard** and **Generic Network Card** is selected from the drop-down list.
- 12. Select the Next button.

| Add Standard TCP/IP Printer Port Wizard 🛛 🔀   |
|---|
| Additional Port Information Required<br>The device could not be identified.   |
| <ul> <li>The device is not found on the network. Be sure that:</li> <li>1. The device is turned on.</li> <li>2. The network is connected.</li> <li>3. The device is properly configured.</li> <li>4. The address on the previous page is correct.</li> <li>If you think the address is not correct, click Back to return to the previous page. Then correct the address and perform another search on the network. If you are sure the address is correct, select the device type below.</li> </ul> |
|   |
|   |
| O <u>C</u> ustom <u>Settings</u>  |
| < <u>B</u> ack Next> Cancel   |





- 13. Verify the information displayed.
- 14. Select the Finish button.

| Add Standard TCP/IP Printer Port Wizard |   | ×   |  |
|---|---|---|--|
|   | Completing the Add Standard<br>TCP/IP Printer Port Wizard |   |  |
|   | You have sele   | cted a port with the following characteristics. |  |
|   | SNMP:   | No  |  |
|   | Protocol:   | RAW, Port 9100                                  |  |
|   | Device:   | 158.8.1.100                                     |  |
|   | Port Name:  | IP_158.8.1.100                                  |  |
|   | Adapter Type:   | Generic Network Card                            |  |
|   | To complete th  | is wizard, click Finish.                        |  |
|   |   | <a><br/></a>                                    |  |





15. Select the Have Disk... button.

| Add Printer Wizard   |  |   |
|--|--|---|
| Install Printer Software<br>The manufacturer and model d                                     | etermine which printer software to use.  | Ś                                       |
| Select the manufacturer and<br>disk, click Have Disk. If you<br>compatible printer software. | I model of your printer. If your printer came<br>r printer is not listed, consult your printer do                                  | with an installation<br>cumentation for |
| Manufacturer   | Printers<br>AGFA-AccuSet v52.3<br>AGFA-AccuSetSF v52.3<br>AGFA-AccuSet 800<br>AGFA-AccuSet 800SF v52.3<br>AGFA-AccuSet 800SF v52.3 |   |
| This driver is digitally signed.<br>Tell me why driver signing is impo                       | ortant   | <u>H</u> ave Disk                       |
|  | < <u>B</u> ack <u>N</u> ext≻   | Cancel                                  |





- 16. Use the **Browse** button to navigate to C:\ZD2663\ZBRN\ and select the Win32 folder if you are using a 32-bit operating system or the Win64 folder if you are using a 64-bit operating system.
- 17. Select the **OK** button.

| Install F | rom Disk  | X            |
|-----------|---|--------------|
| 3         | Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below. | OK<br>Cancel |
|           | Copy manufacturer's files from:<br>C:\ZD2663\ZBRN\Win32   | Browse       |

- 18. Select **ZDesigner R110Xi4 203 dpi** from the **Printers** list.
- 19. Select the Next button.

| Add Printer Wizard   |
|--|
| Install Printer Software<br>The manufacturer and model determine which printer software to use.  |
| Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.   |
| Printers       Z Zbesigner B110% HE 2000 DI       Z Zbesigner R110% HE 2000 DI       Z Zbesigner R110% 4600 dpi       Z Zbesigner R110% 4600 dpi |
| Tell me why driver signing is important         < Back   |





- 20. Enter a meaningful name in the **Printer name** field.
- 21. Select **No** if you do not want the label printer to be the computers default printer.
- 22. Select the **Next** button.

| Add Printer Wizard  |
|---|
| Name Your Printer<br>You must assign a name to this printer.  |
| Type a name for this printer. Because some programs do not support printer and server<br>name combinations of more than 31 characters, it is best to keep the name as short as<br>possible. |
| Printer name:<br>ZDesigner R110Xi4 203 dpi  |
| Do you want to use this printer as the default printer?   |
|   |
|   |
| < <u>B</u> ack Next> Cancel   |





- 23. Verify **Do not share this printer** is selected.
- 24. Select the **Next** button.

| Add Printer Wizard   |
|--|
| Printer Sharing<br>You can share this printer with other network users.  |
| If you want to share this printer, you must provide a share name. You can use the<br>suggested name or type a new one. The share name will be visible to other network<br>users. |
| ⊙ Do not share this printer  |
| ○ Share name:  |
|  |
|  |
|  |
|  |
|  |
| < <u>B</u> ack <u>Next</u> Cancel  |





- 25. Verify No is selected so a test page will not be printed.
- 26. Select the **Next** button.

| Add Printer Wizard   |
|--|
| Print Test Page<br>To confirm that the printer is installed properly, you can print a test page. |
| Do you want to print a test page?  |
| < <u>B</u> ack   |





- 27. The Add Printer Wizard success screen displays.
- 28. Select the **Finish** button and the driver installs.

| Add Printer Wizard |  |  |  |
|--------------------|--|--|--|
|                    | Completing the Add Printer<br>Wizard<br>You have successfully completed the Add Printer Wizard.<br>You specified the following printer settings: |  |  |
|                    |  |  |  |
|                    | Name:<br>Share name:<br>Port:<br>Model:<br>Default:<br>Test page:  | ZDesigner R110⊠i4 203 dpi<br>≪Not Shared><br>USB001<br>ZDesigner R110⊠i4 203 dpi<br>No |  |
|                    | To close this  | wizard, click Finish.  |  |
|                    |  | < <u>B</u> ack Finish Cancel   |  |





## **Configuring the ZDesigner Driver**

- 1. Go to Start > Printers and Faxes.
- 2. Right-click on the printer name entered in the "Installing the ZDesigner Print Driver" section and select **Properties**.







3. Select the **Printing Preferences...** button at the bottom of the **General** tab.

| 🎍 ZDesigner R110Xi4 203 dpi Properties 🛛 🔹 💽 |                                    |  |                   |
|--|------------------------------------|--|-------------------|
| Stocks<br>General                            | Language Barcod<br>Sharing Ports 4 | e Fonts Command Fonts<br>Advanced Security Printer | About<br>Settings |
| 2  | ZDesigner R110Xi4 203 dpi          |  |                   |
| Location:                                    |                                    |  |                   |
| <u>C</u> omment:                             |                                    |  |                   |
| M <u>o</u> del:                              | ZDesigner R110Xi4 20               | 3 dpi  |                   |
| - Features                                   |                                    |  |                   |
| Color: No                                    | 0                                  | Paper available:                                   |                   |
| Double-s                                     | ided: No                           | User defined                                       | ~                 |
| Staple: L                                    | Jnknown                            |  |                   |
| Speed: L                                     | Inknown                            |  |                   |
| Maximun                                      | resolution: 203 dpi                |  | ~                 |
|  |                                    |  |                   |
|  | Printing F                         | Preferences Print <u>T</u> est Pa                  | ge                |
|  |                                    |  |                   |
|  |                                    |  |                   |
| -  | ОК С.                              | ancel Apply  | Help              |





- 4. From the **Options** tab, under the **Settings section**, change **Speed** to 2.
- 5. Change Size to Width 4.10 and Height 4.10.
- 6. Select the Advanced Setup tab.

| 💩 ZDesigner R110Xi     | i4 203 dpi Pri | nting Prefe         | erences    | ? 🗙    |
|------------------------|----------------|---------------------|------------|--------|
| Barcode Fon            | ts             | Com                 | mand Fonts |        |
| Custom Commands        | Import/Export  | settings            | Tools      | About  |
| Options Advanced       | Setup Dither   | ing Stock           | ks Printer | Memory |
| Settings               |                |                     |            |        |
| <u>N</u> o. Of Copies: | 1              |                     |            |        |
| <u>S</u> peed:         | 2              | 👻 "/s               |            |        |
| <u>D</u> arkness:      | 15             | -                   |            |        |
| S <u>t</u> ocks:       | User defi      | ined                |            | - I    |
| Paper Format           | ,              |                     |            |        |
| C <u>c</u> m           |                | 💿 portrait          |            |        |
| С <u>m</u> m           | ABCD           | 🔘 Jandscap          | e          |        |
| 💿 jnch                 | 12/45/216      | 🔲 <u>r</u> otate 18 | 0°         |        |
| Size                   |                |                     |            |        |
| <u>₩</u> idth:         | 4.1            |                     |            |        |
| <u>H</u> eight:        | 4.1            |                     |            |        |
| Unprintable Area       |                |                     |            |        |
| L <u>e</u> ft:         | 0.00           | Т <u>о</u> р:       | 0.00       | _      |
| Right:                 | 0.00           | Bottom:             | 0.00       | _      |
|                        | ,              |                     | ,          |        |
|                        |                |                     |            |        |
|                        |                |                     |            |        |
|                        |                |                     |            |        |
| OK Cancel Apply Help   |                |                     |            |        |





### If printing Non-RFID labels:

- 7. Select the **Tear off** radio button from the **Operation Mode** section.
- 8. Select the **Web Sensing** radio button from the **Tracking Mode** section.
- 9. Select the **Other** button.

| 🎍 ZDesigner R110Xi4 203 dpi Printing Preferences 👘 ? 🔀  |
|---|
| Barcode Fonts         Command Fonts           Custom Commands         Import/Export settings         Tools         About           Options         Advanced Setup         Dithering         Stocks         Printer Memory |
| Use printer settings     Operation Mode     C BEID  |
| C Rewind C Cutter C Peel Off Group Quantity: C Applicator C Advanced **   |
| Mirror Image Inverse  |
| Media Type<br>Thermal Transfer<br>Thermal Direct  |
| Tracking Mode C Continuous C Mark Sensing  Web Sensing  |
| Adjustment  |
| Tear Off 0.00 inch  |
| Left Position 0.00 inch   |
| ** Only valid for use with Labeling Software Applicator Other Calibrate   |
| OK Cancel Apply Help  |





### If printing RFID labels:

- 7. Select the **RFID** radio button from the **Operation Mode** section.
- 8. Select the Mark Sensing radio button from the Tracking Mode section.
- 9. Select the **Other** button.

| 🕹 ZDesigner R110Xi4 203 dpi Printing Preferences 👘 💽 🔀  |  |  |  |
|---|--|--|--|
| Barcode Fonts         Command Fonts           Custom Commands         Import/Export settings         Tools         About           Options         Advanced Setup         Dithering         Stocks         Printer Memory   |  |  |  |
| Use printer settings  Operation Mode  C Tear off  Rewind  C Rewind  C Peel Off  C Applicator  Mirror Image  I Inverse  C Advanced **  I Mirror Image I Inverse  C Advanced **  C Advanced |  |  |  |
| Media Type<br>Thermal Transfer<br>Thermal Direct<br>Tracking Mode<br>Continuous<br>Web Sensing  |  |  |  |
| Adjustment<br>Top 0.00 inch<br>Tear Off 0.00 inch<br>Left Position 0.00 inch  |  |  |  |
| ** Only valid for use with Labeling Settware       Applicator       OK       Cancel       Apply       Help  |  |  |  |





- 10. Select the Enable Passthrough Mode checkbox.
- 11. Select the **Close** button.

| Other Settings                       | ? 🛛                                |
|--------------------------------------|------------------------------------|
| Use printer settings                 |                                    |
| Backreed                             | C. D. (                            |
| No backfeed     Defends antipage     | Before printing                    |
| Verault settings                     | <ul> <li>Arter printing</li> </ul> |
| Fause C. Na David                    | C Aller Joh                        |
| No Pause     Abard abad              | C After Job                        |
| <ul> <li>Arter Labei</li> </ul>      | C Arter Interval                   |
| Labeling Software Settings           | ,                                  |
| 🔲 Safe graphics printing             |                                    |
| Graphic Settings                     |                                    |
| 🔲 Use ZIP compression                |                                    |
| Commands                             | ,                                  |
| Enable Passthrough Mode              | Start sequence: \${                |
|                                      | End sequence:                      |
| Cancel before print                  |                                    |
|                                      |                                    |
| Cantral ale assistant such stitution |                                    |
|                                      |                                    |
| Format & control prefixes and de     | elimiter: Standard 💌               |
| Rfid Setup                           |                                    |
| 🔲 Use printer tag type setting       |                                    |
|                                      | Close                              |
|                                      |                                    |





- 12. Select the **Apply** button.
- 13. Select the **OK** button.

| 💩 ZDesigner R110Xi4                                    | 203 dpi Printing Preferences 👘 ? 🔀   |
|--|--|
| Barcode Fonts<br>Custom Commands<br>Options Advanced S | Command Fonts<br>Import/Export settings Tools About<br>Setup Dithering Stocks Printer Memory |
| Use printer settings<br>Operation Mode                 |  |
| C Tearoff<br>C Rewind<br>C Peel Off                    | <ul> <li>RFID</li> <li>Cutter</li> <li>Group Quantity:</li> </ul>                            |
| C Applicator   | <ul> <li>○ Advanced **</li> <li>□ Inverse</li> </ul>   |
| Media Type —<br>Thermal Trai                           | nsfer  |
| Tracking Mode<br>C Continuous                          | Mark Sensing   |
| Adjustment   | 9<br>inch  |
| Tear Off   | 0.00 inch  |
| ** Only valid for use with                             | Labeling Software  |
|  | Cancel Apply Help  |





14. Select the Printer Settings tab.

| 💩 ZDesigner R110Xi4 203 dpi Properties 🛛 🔹 💽 |                                  |  |                                |
|--|----------------------------------|--|--------------------------------|
| Stocks La<br>General St                      | anguage Barcod<br>haring Ports A | e Fonts Command F<br>Advanced Security | onte About<br>Printer Settings |
|  | ZDesigner R110Xi4 203 dpi        |  |                                |
| Location:                                    |                                  |  |                                |
| <u>C</u> omment:                             |                                  |  |                                |
| M <u>o</u> del: Z                            | Designer R110Xi4 20:             | 3 dpi                                  |                                |
| - Features                                   |                                  |  |                                |
| Color: No                                    |                                  | Paper available:                       |                                |
| Double-side                                  | d: No                            | User defined                           | ~                              |
| Staple: Unk                                  | nown                             |  |                                |
| Speed: Unk                                   | nown                             |  |                                |
| Maximum re                                   | solution: 203 dpi                |  | ~                              |
| Printing Preferences Print <u>T</u> est Page |                                  |  |                                |
| OK Cancel Apply Help                         |                                  |  |                                |









- 15. Select the **Always use driver settings** checkbox.
- 16. Select the **OK** button.

| 🕹 ZDesigner R110Xi4 203 dpi Properties 🛛 🔹 💽 🔀   |  |  |  |
|--|--|--|--|
| Stocks Language Barcode Fonts Command Fonts About<br>General Sharing Ports Advanced Security Printer Settings  |  |  |  |
| Use these settings with caution - please read driver documentation for a<br>detailed explanation. Also, some applications must be restarted for the<br>changes to take effect. |  |  |  |
| Printer Fonts  |  |  |  |
| Printer default     C Vector fonts   |  |  |  |
| C Raster fonts 🔽 Merged characters   |  |  |  |
| This setting determines how the printer fonts are presented to the<br>applications.  |  |  |  |
| Spool Format   |  |  |  |
| Printer default     C Enhanced metafile     Raw     A spool format of the print iob is defined here.   |  |  |  |
| Line Substitution  |  |  |  |
| Printer default     O Disabled     Enabled   |  |  |  |
| Should the driver try to replace lines and rectangles in the drawing<br>with internal elements?  |  |  |  |
| Command Separation   |  |  |  |
| C Printer default © Number of zeros: 0   |  |  |  |
| Some printers require a pause between commands. Define it here<br>as a number between 1 and 2048.  |  |  |  |
| Override Application Default Settings  |  |  |  |
| Always use drivers settings  |  |  |  |
| OK Cancel Apply Help   |  |  |  |







# **Configuring Internet Explorer**

- 1. Login to DPAS.
- 2. Navigate to **AIT** > **Print Labels**.
- 3. **\*\*\*IMPORTANT\*\*\*** Print a label from Web DPAS.
- 4. Select File from the Menu bar. (If the Menu bar is not visible, press the Alt key on the keyboard)
- 5. Select Page Setup.









- 6. Set the Size to User.
- 7. Remove all text from the Header and Footer fields.
- 8. Verify the **Orientation** is set to *Portrait*.
- 9. Change the Left, Right, Top and Bottom Margin settings to 0. Margins may adjust after the OK button is selected.
- 10. Select **OK** on the **Page Setup** dialog box.

| Page Setup                       |                  | ×  |
|----------------------------------|------------------|--|
| Paper                            |                  | Constant would firm<br>Manufacture and Charge<br>2 Marrie Borrer Da Wangkarpe K. (122-marganeerse) M.  |
| Size:                            |                  |  |
| Source:                          |                  | i and a second s   |
| Manual feed                      | ~                | 141 produktive SC Weinberger K1 (Kernergenerreptik)<br>Herner<br>Hanner Hiller Schwarzer<br>Kanton S |
| Headers and Footer Header Eooter | 8                |  |
| Orientation                      | Margins (inches) | Bight: 0   |
| O L <u>a</u> ndscape             | <u>I</u> op: 0   | Bottom: 0  |
|                                  | ОК               | Cancel <u>P</u> rinter   |

11. You are now ready to print labels.

