

# GP-2120TF Driver Installation Manual

### 1. Driver installation Notes

- 1.1 GP-2120TF including Label mode (in adhesive thermal paper) and Receipt mode (in Thermal paper roll)
- 1.2 Factory default of GP-2120TF is Label mode.
- For label mode, choose "GP-2120TF (Label)" to install the driver; For receipt mode, choose "GP-2120TF (Receipt) "to install the driver.
- 1.4 Change the printing mode in between Label and Receipt mode:

Turn off the printer power, press and hold on the PAUSE button and FEED button, then turn on the printer power, release two buttons till hearing a beeper, a page showed current printing mode comes out automatically. Repeat the steps above to change the printing mode in between label and receipt mode.

### 2. Process of Driver Installation



### Step 2: Connection of USB cable and Power cord.

Connect the printer with computer via USB cable. The printer power jacks is a 3-pin socket and for 12V/4A DC power input, please plug the DC cord connector into the printer's power jack properly.

ATTATION: PLEASE DO NOT PLUG THE DATA CABLE OR POWER CORD WHEN THE PRINTER POWER IS ON.

# Step 3: Driver Installation (It points to Win7 in 32bit systems as an example of how to install the label driver)

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3.1: Turn on the printer power, an U-Disk appears in computer, then click it, there is a driver package as bellow.



3.2.: Copy the driver package to disk E or F, then Unzip it as bellow:

| 1010                    | 13/12/11/20      | 大王          | N.J.     |
|-------------------------|------------------|-------------|----------|
| 3 7-zip32.dll           | 2010-12-19 14:52 | 应用程序扩展      | 623 KB   |
| Driver_Install 2120.77  | 2015-05-27 12:12 | 360压缩 77 文件 | 2,732 KB |
| Driver_Install_2120.exe | 2015-05-26 16:06 | 应用程序        | 256 KB   |
| S DriverData.Drv        | 2015-05-25 16:22 | 设备驱动程序      | 2,300 KB |

#### 请

3.3: Double click the Driver\_Install.exe.

| The program help you to configure the printer port during installation.<br>ort Description<br>prial port The program will select a available serial port durin<br>B port The program will select a available USB port automati<br>prallel port The program will prompt you to select a parallel port<br>P/IP port The program will prompt you to create a TCP/IP port o<br>finstall I cance<br>rent Systems is Microsoft Windows XP 32 bit |            |  |
|--|------------|--|
| In the program will select a available serial port durin<br>3B port The program will select a available USB port automati<br>Trallel port The program will prompt you to select a parallel port<br>The program will prompt you to create a TCP/IP port o<br>P/IP port The program will prompt you to create a TCP/IP port o<br>Install Install Install   | tion.      |  |
| arallel port The program will prompt you to select a parallel port<br>CP/IP port The program will prompt you to create a TCP/IP port o<br>Install Install Install Install  | rin<br>ati |  |
| Install Cance  | ort<br>t o |  |
| urrent Systems is Microsoft Windows XP 32 bit  | Cancel     |  |
| •  |            |  |
| • • • • • • • • • • • • • • • • • • •  |            |  |
|  | Lancer     |  |



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| Specify the p<br>The program D | oort that you are using.<br>Melp you to configure the printer port during installation. |
|--------------------------------|---|
| Port                           | Description   |
| Serial port                    | The program will select a available serial port durin                                   |
| JSB port                       | The program will select a available USB port automati                                   |
| Parallel port                  | The program will prompt you to select a parallel port                                   |
|                                |   |

### Step 4: Set the paper size and gap (when it is receipt mode, skip this step)

Click [start] - [device and printer], driver of GP-2120TF(Label) showed as bellow:



Right click the driver of Gprinter-2120TF (Label), click printing preferences, set paper size as bellow:



#### Thermal Barcode Printer

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| Gprinter 21201         | F(标签) 打「        | 印首选项  |             | ?         |
|------------------------|-----------------|---|-------------|-----------|
| Barcode Fon            | ts 📗            | Сол   | mand Font   | s         |
| Custom Commands        | Import/E:       | xport setti   | ngs         | About     |
| Options Advanced :     | Setup    Dither | ing   Stock   | cs    Print | er Memory |
| Settings               |                 |   |             |           |
| <u>N</u> o. Of Copies: | 1               |   |             |           |
| <u>S</u> peed:         | 10              | - cm  | i/s         |           |
| <u>D</u> arkness:      | 8               | -   |             |           |
| S <u>t</u> ocks:       | User def        | ined  |             | •         |
| Paper Format           | Choose u        | nit   |             |           |
| ©m<br>Cmm<br>Cinch     |                 | <ul> <li>portrait</li> <li>Jandscap</li> <li>rotate 18</li> </ul> | ре<br>30*   |           |
| Size                   | 4.00            | ~   |             |           |
| Height:                | 3.00            |   |             |           |
| Unprintable Area       | 0.4.41          |   |             |           |
| L <u>e</u> ft:         | 0.00            |   |             | IZE       |
| Right:                 | 0.00            | Bottom:   | 0.00        |           |
|                        |                 |   |             |           |
| 确定                     | 取消              | 应用  |             | 帮助        |

3.4.2 Set the gap of label as bellow:

Click the 【Advanced setup】 in Printing preference of below pictures.

| Barcode Fonts                            | -<br>-     | ommand F     | onts         |
|--|------------|--------------|--------------|
| Ontions Advanced Setup Dithe             | Export set | tings        | About        |
| Converting Dick                          | ang be     | CKS    II    | IIICEI MEMO. |
| Sensor type                              | C          | 8            |              |
|  | Conti      | nuous        |              |
| Black mark  Modia pottings               |            |              |              |
| C Direct Named                           | G D.G      |              |              |
| C Thermal transfer                       | ve Dera    | uit settings |              |
| Antions                                  |            |              |              |
| C None                                   | C Batel    | h            |              |
| C Peel off                               | C Adva     | inced **     |              |
| Tear off                                 | 🗖 Partia   | al cut       |              |
| Cut every                                | 0          | Label(:      | 5)           |
| Feed Offset:                             | 0.00       | cm           |              |
| Label Offset:                            | 0.00       | cm           |              |
| 📕 Cut on last element                    |            |              |              |
| Cut offset after last element            | 0.00       |              |              |
| Graphic options                          |            |              |              |
| C Download PCX                           | O Direct   | t print BMI  | 5            |
| Safe graphics printing                   |            |              |              |
|  |            |              | Other        |
| ** Only valid for use with Labeling Soft | Nare       |              |              |

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| Custom Commands     Import/Export settings     About       ptions     Advanced Setup     Dithering     Stocks     Printer Memo       Sensor type <ul> <li>Gap</li> <li>Continuous</li> <li>Black mark</li> </ul> <ul> <li>Black mark</li> </ul> Media settings <li>Direct thermal</li> <li>Default settings</li> <li>Thermal transfer</li> <ul> <li>Default settings</li> <li>Thermal transfer</li> </ul> <ul> <li>Default settings</li> <li>Thermal transfer</li> <li>Default settings</li> <li>Tear off</li> <li>Partial cut</li> <li>Cut every</li> <li>Label(s)</li> <li>Feed Offset:</li> <li>0.00</li> <li>cm</li> </ul> Graphic options <ul> <li>Cut on last element</li> <li>Cut offset after last element</li> <li>Cut offset after last element</li> <li>Safe graphics printing</li> </ul> <ul> <li>Burget print</li> <li>BMP</li> <li>Safe graphics pr</li></ul>  | Baa           | rcode Fonts            |              | Command For      | its         |
|--|---------------|------------------------|--------------|------------------|-------------|
| ptions       Advanced Setup       Dithering       Stocks       Printer Memo         Sensor type  | Custom Co     | ommands I              | nport/Export | settings         | About       |
| Sensor type<br>Gap     Continuous     Black mark Media settings     Direct thermal     Direct thermal     Direct thermal     Direct thermal     Direct thermal     Direct thermal     Thermal transfer Options     None     Batch     Peel off     Advanced **     Tear off     Partial cut     Cut every     Label(s)     Feed Offset:     0.00     cm     Label Offset:     0.00     cm     Cut offset after last element     Cut offset     Cu     | Options A     | dvanced Setup          | Dithering    | Stocks Prin      | iter Memory |
| Image: Continuous         Image: Content and the continuous         Image: Content and the content         Image: Content and the conten         Image: Con   | Sensor type   |                        |              |                  |             |
| <ul> <li>C Black mark</li> <li>Media settings</li> <li>C Direct thermal</li> <li>C Direct thermal transfer</li> <li>Options</li> <li>C None</li> <li>C Batch</li> <li>C Peel off</li> <li>C Advanced <sup>™</sup></li> <li>C Tear off</li> <li>Partial cut</li> <li>C Cut every</li> <li>C Label(s)</li> <li>Feed Offset:</li> <li>0.00</li> <li>cm</li> <li>Label Offset:</li> <li>0.00</li> <li>cm</li> <li>Cut on last element</li> <li>Cut offset after last element</li> <li>Cut offset after last element</li> <li>Cut offset after last element</li> <li>Cut offset print BMP</li> <li>Safe graphics printing</li> </ul>  | •             | Gap                    | C C          | Continuous       |             |
| Media settings   | C             | Black mark             |              |                  |             |
| C Direct thermal       Image: Default settings         C Thermal transfer         Options         C None       Batch         C Peel off       Advanced **         Image: Tear off       Partial cut         C Cut every       Image: Label(s)         Feed Offset:       0.00         Label Offset:       0.00         Cut on last element       Cut offset after last element         Cut offset after last element       0.00         Graphic options       Image: Comparison of the comparison of t   | Media settin  | gs                     |              |                  |             |
| C Thermal transfer Options C None C Batch Peel off C Advanced ** C Tear off C Tear off C tut every C Label(s) Feed Offset: D.00 Cm Label(s) Cut offset after last element Cut offset Cut offset after last element Cut   | C             | Direct thermal         | • [          | )efault settings |             |
| Options  C None C Batch Peel off C Advanced **  Tear off C tot every C Label(s) Feed Offset: 0.00 Cm Label Offset: 0.00 Cm Cut offset after last element Cu  | 0             | Thermal transfer       |              |                  |             |
| C None C Batch Peel off C Advanced ** Tear off Partial cut Cut every U Label(s) Feed Offset: 0.00 cm Label Offset: 0.00 cm Cut on last element Cut offset after last element Cut offset af | Options —     |                        | -            |                  |             |
| C Peel off C Advanced Tear off Tear off C to every C Label(s) Feed Offset: 0.00 Cm Label Offset: 0.00 Cm Cut on last element Cut offset after last element   | C             | None                   | C E          | Jatch            |             |
|  | <u> </u>      | Peel off               |              | Advanced **      |             |
| C Cut every 0 Label(s)<br>Feed Offset: 0.00 cm<br>Label Offset: 0.00 cm<br>Cut on last element<br>Cut offset after last element 0.00 cm<br>Graphic options<br>C Download PCX C Direct print BMP<br>Safe graphics printing<br>*** Only valid for use with Labeling Software   | •             | Tear off               |              | 'artial cut      |             |
| Feed Offset: 0.00 cm<br>Label Offset: 0.00 cm<br>Cut on last element<br>Cut offset after last element 0.00 cm<br>Graphic options<br>C Download PCX C Direct print BMP<br>Safe graphics printing<br>*** Only valid for use with Labeling Software   | 0             | Cut every              | 0            | Label(s)         |             |
| Label Offset: 0.00 cm<br>Cut on last element<br>Cut offset after last element 0.00 cm<br>Graphic options<br>C Download PCX C Direct print BMP<br>Safe graphics printing<br>*** Only valid for use with Labeling Software   | Fee           | d Offset:              | 0.00         | ) cm             |             |
| Cut on last element. Cut offset after last element Graphic options C Download PCX Safe graphics printing Other Other   | Lab           | el Offset:             | 0.00         | ) cm             |             |
| Cut offset after last element 0.00 cm<br>Graphic options<br>© Download PCX © Direct print BMP<br>© Safe graphics printing<br>*** Only valid for use with Labeling Software   |               | Cut on last element    |              |                  |             |
| Graphic options<br>C Download PCX<br>Safe graphics printing<br>Other<br>Other<br>Other   | Cut           | offset after last eler | nent 0.00    | ) cm             |             |
| C Download PCX C Direct print BMP<br>Safe graphics printing<br>C Direct print BMP<br>Other<br>Other  | Graphic opti  | ons                    |              |                  |             |
| Safe graphics printing Other Only valid for use with Labeling Software   | C             | Download PCX           | • c          | Direct print BMP |             |
| ** Only valid for use with Labeling Software   | Г             | Safe graphics printi   | na           | -                | -           |
| *** Only valid for use with Labeling Software  |               |                        | -            | (                | ) ther      |
|  | ** Only valid | for use with Labelir   | ng Software  |                  |             |
|  |               |                        |              |                  |             |
|  |               |                        | -124113      | 12/11 (2)        | 1123        |

| Bar<br>Custon Co | code Fonts                                  | Cara and /Ru        | Cor                          | nmand   | Fonts       |       |         |        |            |         |
|------------------|---|---------------------|------------------------------|---------|-------------|-------|---------|--------|------------|---------|
| Dotions A        | dvanced Setup                               | Ditheri             | ing Stoc                     | ks I    | Printer Mem | orv   |         |        |            |         |
| Sensor ty        | ther Settin                                 | gs                  |                              |         |             |       | ? 🗙     |        |            |         |
| F<br>Media se    | Position adjustmen                          | it<br>rinter settin |                              |         | Set the     | gap   | size t  | o 2mm  | (0.2cm)    |         |
|                  | Gap / Bla                                   | ck Mark             | 0.20                         | 5       | (Please     | seti  | it acco | ording | to its act | ual siz |
| Options          | Off   | set:                | 0.00                         | cm      |             |       |         |        |            |         |
|                  | X   | e<br>Offset:        | 0.00                         | cm      |             |       |         |        |            |         |
|                  | YC  | )ffset:             | 0.00                         | cm      |             |       |         |        |            |         |
|                  |   |                     |                              |         |             | Close |         |        |            |         |
| Cut              | Jut on last elemen<br>offset after last ele | t<br>ment           | 0.00                         | cm      |             |       |         |        |            |         |
| Graphic opti     | ons   |                     |                              |         |             |       |         |        |            |         |
| C I              | Download PCX                                |                     | <ul> <li>Direct p</li> </ul> | orint B | MP          |       |         |        |            |         |
|                  | Safe graphics prin                          | ting                |                              |         | Other       |       |         |        |            |         |
| ** Only valid    | for use with Label                          | ing Softwa          | re                           |         |             |       |         |        |            |         |

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Step 5: Click "Print a test page" in properties of printer.

| tocks  | Language           | Barcode Font | .s Com | mand Fonts | About    |   |
|--------|--------------------|--------------|--------|------------|----------|---|
| 常规     | 共享                 | 端口           | 高级     | Printer    | Settings | 4 |
|        | Gprinter 212       | OTF(标签)      |        |            |          |   |
| ī置(L): |                    |              |        |            | -        |   |
| E释(C): |                    |              |        |            |          |   |
| 빌号 @): | Gprinter 2120      | OTF(标签)      |        |            |          |   |
| 功能     |                    |              |        |            |          |   |
| 颜色: 否  | ş                  | 可用紙张:        |        |            |          |   |
| 救面: 否  | ŝ                  | Vser def     | ined   | ~          |          |   |
| 装订:未   | き矢口                |              |        |            |          |   |
| 速度:未   | 的                  |              |        |            |          |   |
| 最大分辨   | <b>筆</b> : 203 dpi |              |        | $\sim$     |          |   |
|        |                    |              |        |            |          |   |
|        | 1                  | 丁印首选项(I)     | ) (JIE | P测试页 (I)   | D        |   |
|        |                    |              |        |            |          |   |
|        |                    |              |        |            |          |   |
|        |                    |              |        |            |          |   |
|        |                    |              |        |            |          |   |
|        |                    |              |        |            |          |   |

After printing the test page, and then press Feed button and 1 label comes out, it means that driver installed successfully.

### 4. Installation of label software and APP

4.1 Click up this link <u>http://www.gainscha.cn/download.aspx?current=down</u> to download Nicelabel software for editing label what you want.

| oftware Name                                    | Instrcution  | Download |
|---|--|----------|
| GP-58mm-CN-V9                                   | GP-58 series 9.0 drive   |          |
| GP-76mm-CN-V8.rar                               | GP-76 Series 8.0 Drive   |          |
| liceLabel-for-Gprinter Barcode<br>printer Drive | NiceLabel-for-Gprinter Barcode<br>printer Drive(Apply to all<br>barcode model) |          |

4.2 When user has 2120TF with Serial + USB + Bluetooth interface, also click up this link <a href="http://www.gainscha.cn/download.aspx?current=down">http://www.gainscha.cn/download.aspx?current=down</a> to download Gprinter APP into Android advice to print.

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