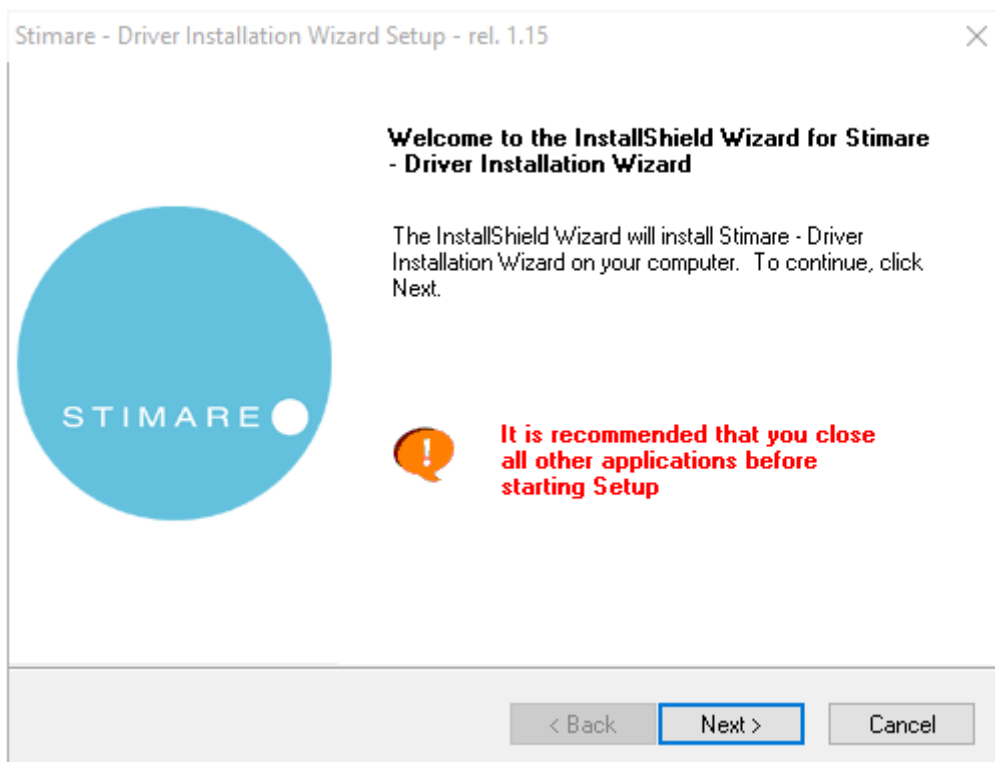# Windows STIMA CLS Driver Installation Quick Guide

This guide is intended to demonstrate a quick installation and setup of ticket alignment under Windows for the Stima CLS printer using the USB interface. The process is the same for both 200 and 300 dpi variants.

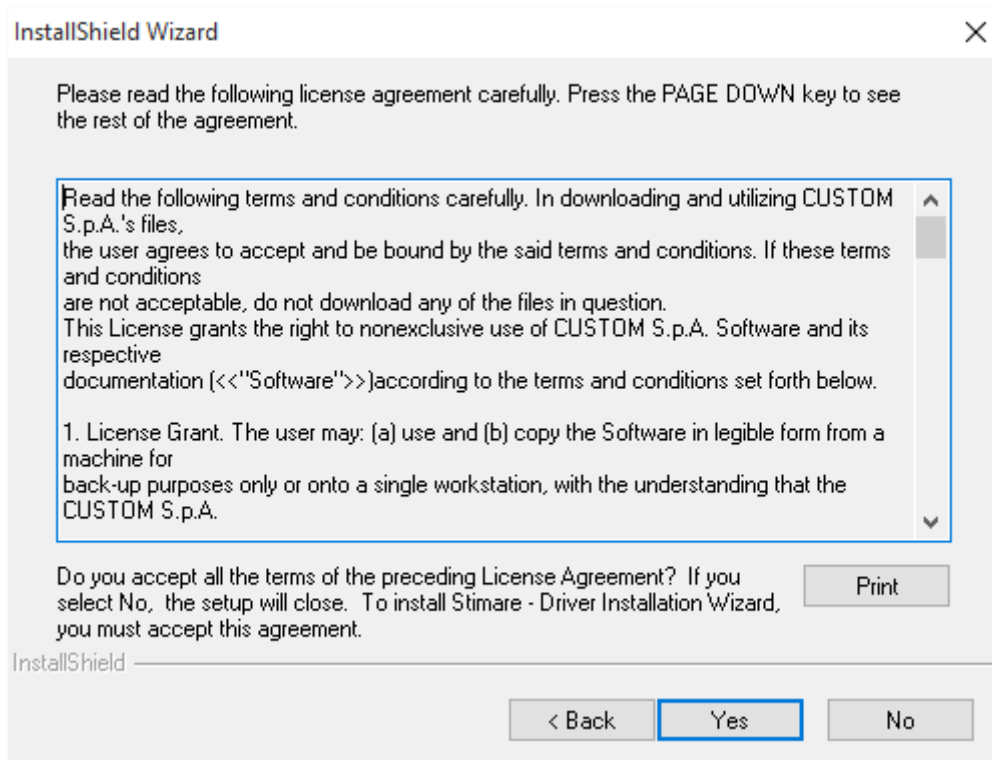***** DO NOT PLUG THE USB CABLE INTO THE PC UNTIL PROMPTED TO DO SO *****
Ensure the Windows user logged in has Administrative rights under windows and has permission to use and manage USB flash drives and devices
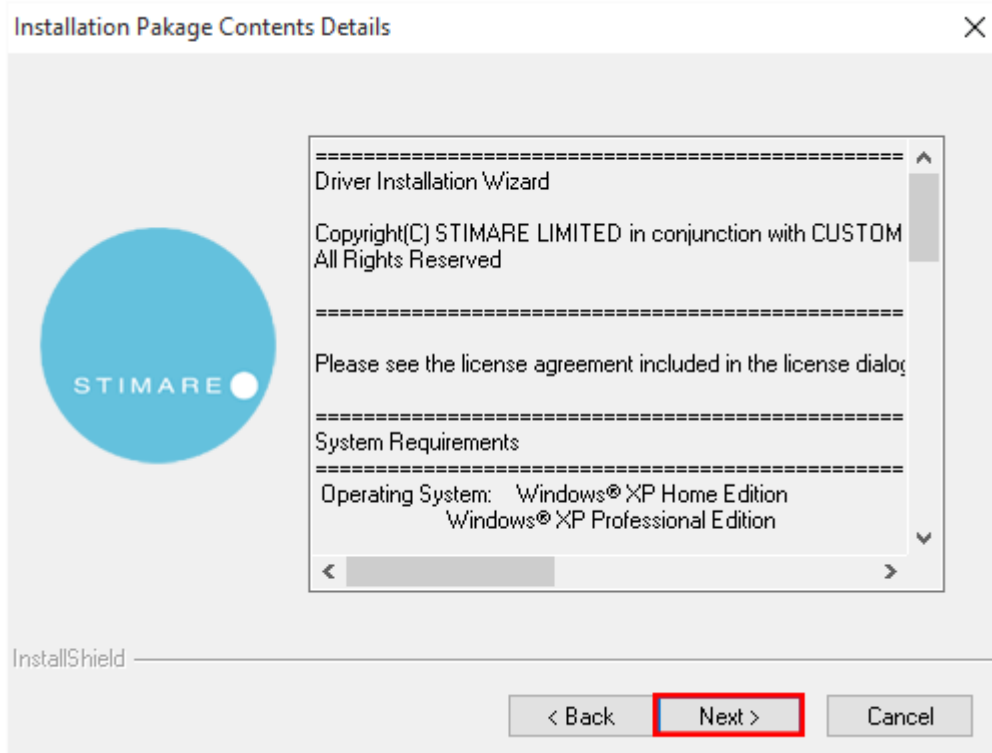
Step 1 – Driver Installation

1. Download the latest driver for your device from the Downloads Area of the Stimare website. Currently located at www.stimare.net/drivers

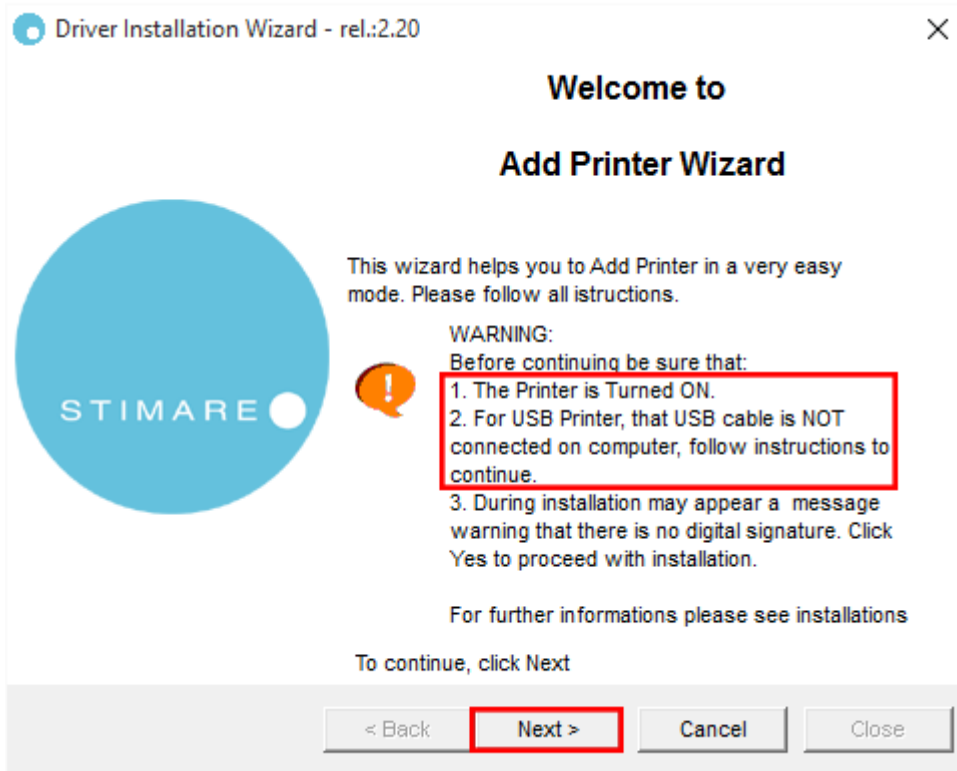**2.** Run the Driver Installation Wizard and select "Next" button.

3. Select "Yes" to agree to the terms and conditions of the driver installation.
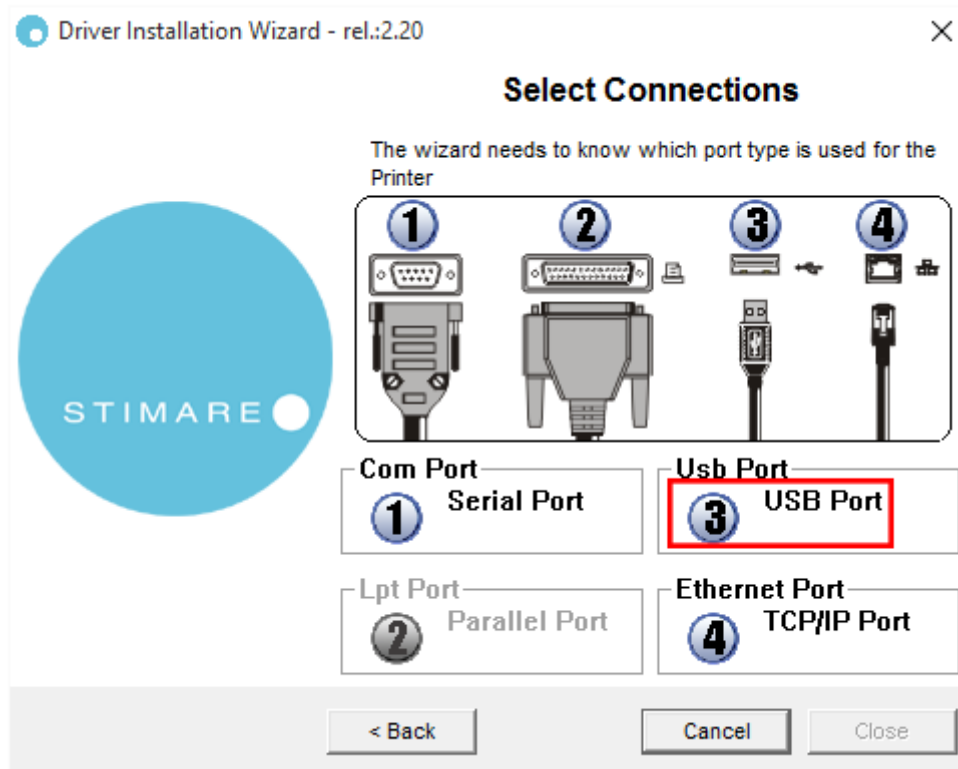
InstallShield Wizard   ✕

Please read the following license agreement carefully. Press the PAGE DOWN key to see
the rest of the agreement.

Read the following terms and conditions carefully. In downloading and utilizing CUSTOM
S.p.A.'s files,
the user agrees to accept and be bound by the said terms and conditions. If these terms
and conditions
are not acceptable, do not download any of the files in question.
This License grants the right to nonexclusive use of CUSTOM S.p.A. Software and its
respective
documentation (<<"Software">>)according to the terms and conditions set forth below.

1. License Grant. The user may: (a) use and (b) copy the Software in legible form from a
machine for
back-up purposes only or onto a single workstation, with the understanding that the
CUSTOM S.p.A.

Do you accept all the terms of the preceding License Agreement? If you
select No, the setup will close. To install Stimare - Driver Installation Wizard,   Print
you must accept this agreement.

InstallShield

                                              < Back   Yes   No

4. Select "Next" button to confirm the driver installation Package Contents.

Installation Pakage Contents Details   ✕

===
Driver Installation Wizard

Copyright(C) STIMARE LIMITED in conjunction with CUSTOM
All Rights Reserved

===

Please see the license agreement included in the license dialog

===
System Requirements
===
 Operating System: Windows® XP Home Edition
                     Windows® XP Professional Edition

STIMARE

InstallShield

                                              < Back   Next >   Cancel
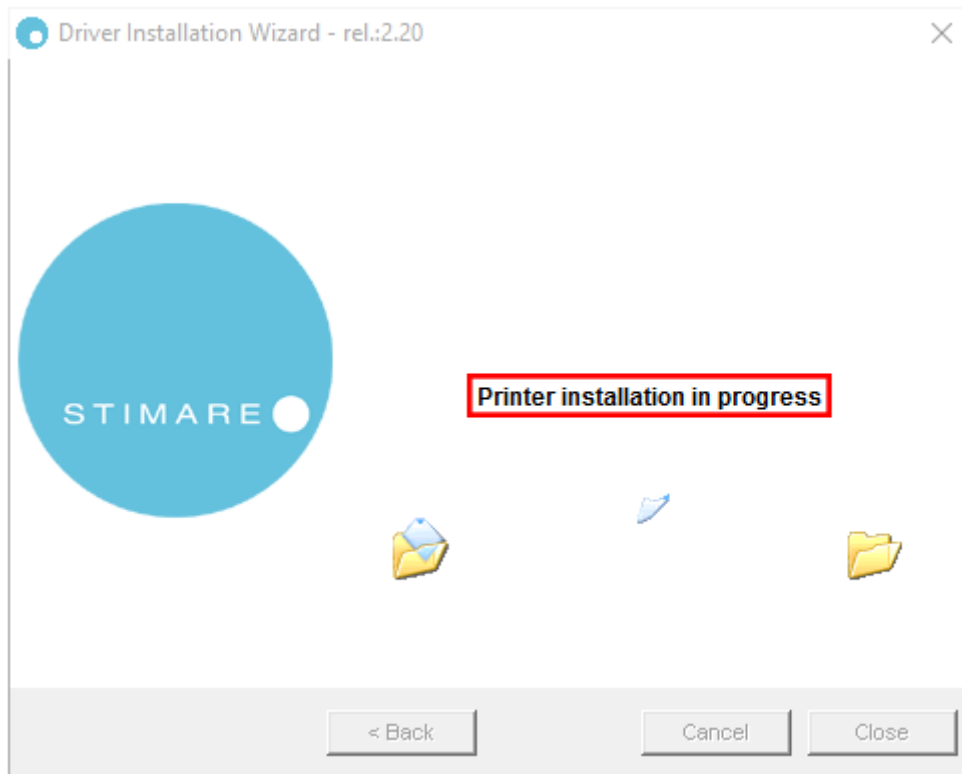
5. Confirm the Printer is switched ON, and the USB cable is NOT connected to the computer. Select "Next" to continue.
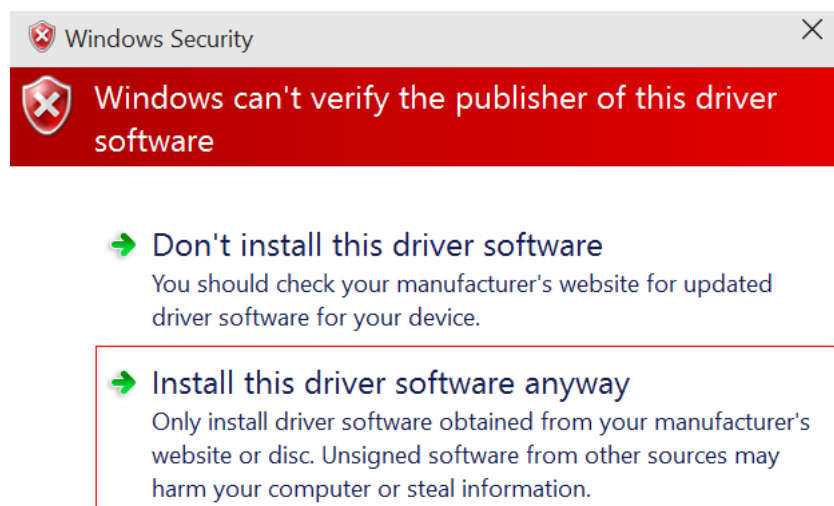

6. Select option "3" for the Universal Serial Port.
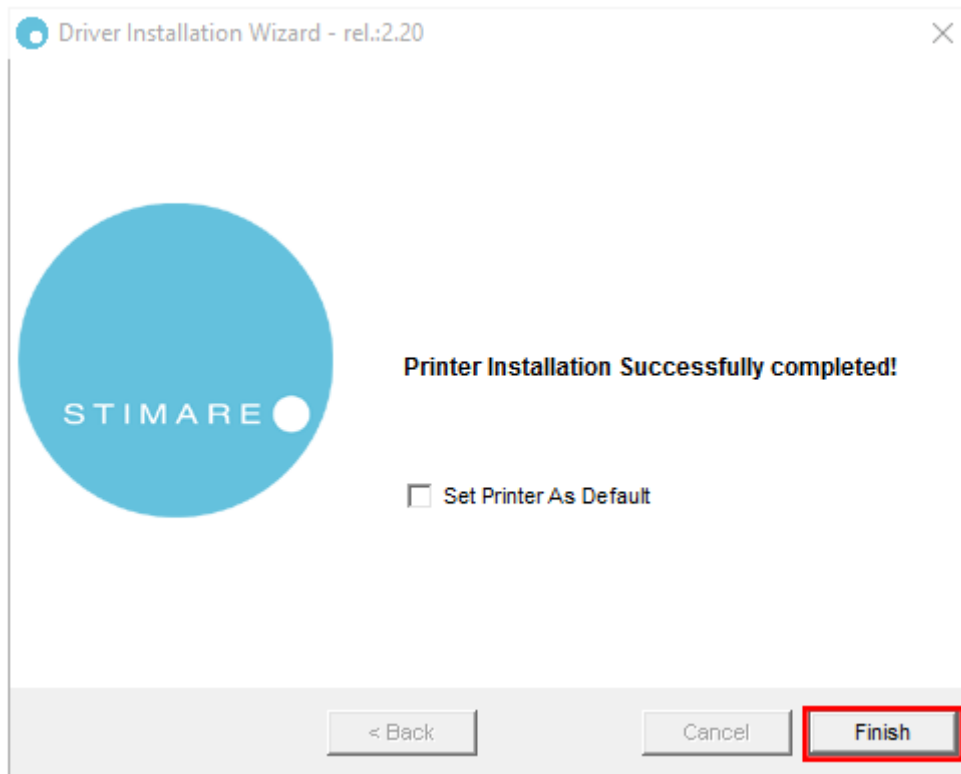
7. Plug the USB cable into the computer and the installation will commence.

8. You may be displayed a warning message from Windows during the installation process. Please select to "Install this driver software anyway" if this appears.

9. Once completed, you will be asked if you would like the printer to be the Default Printer on this computer. This is optional but is frequently required by many ticketing systems to enable them print directly to the printer.

Verify the printer is installed by going to "Devices and Printers". You should see your new printer listed on this screen as either "STIMA CLS" or "STIMA CLS (300 dpi)" depending on if you're using 200 or 300 dpi models.

Your printer has now been successfully installed.

Continue to the next step to configure Windows for your ticket stock.

Step 2 – Windows Settings and Driver Configuration

This guide will demonstrate setting up Windows and the driver for a sample ticket shown below.

The main elements to note from the above sample ticket are:

Length – 140mm
This is the length of the ticket as measured with a ruler in millimeters.

Width – 50mm
This is the width of the ticket as measured with a ruler in millimeters.

Notch Distance – 30mm
This is the distance in measured in millimeters from the beginning of the ticket to the black mark / timing bar / notch. The notch could be located on the thermal or non-thermal side of the ticket and can sometimes also be a hole or puncture in the ticket. For the purposes of this example our notch is on the non-thermal side of the ticket as this is the most common scenario.

Feed Direction
The feed direction shows the direction in which the tickets should be loaded into the printer. It is defined as being the shortest distance to the black mark / notch to be entered into the printer first. The print rotation can be changed at a later stage in setup, so do not worry that your tickets will print upside down.

1. Creating a Page Form (ticket size) for Windows

Highlight your printer by left clicking the mouse once.
Select "Print server properties" option in the top selection bar.

Select the "Forms" Tab.

Check "Create a new form" option.

Enter the name you want to call your ticket stock size in the "Form Name" text field.

Enter the width of the ticket in the Paper Size: "Width" text field.

Enter the length of the ticket in the Paper Size: "Height" text field.

Press the "Save Form" button.

Press the "Ok" or "Close" Button.
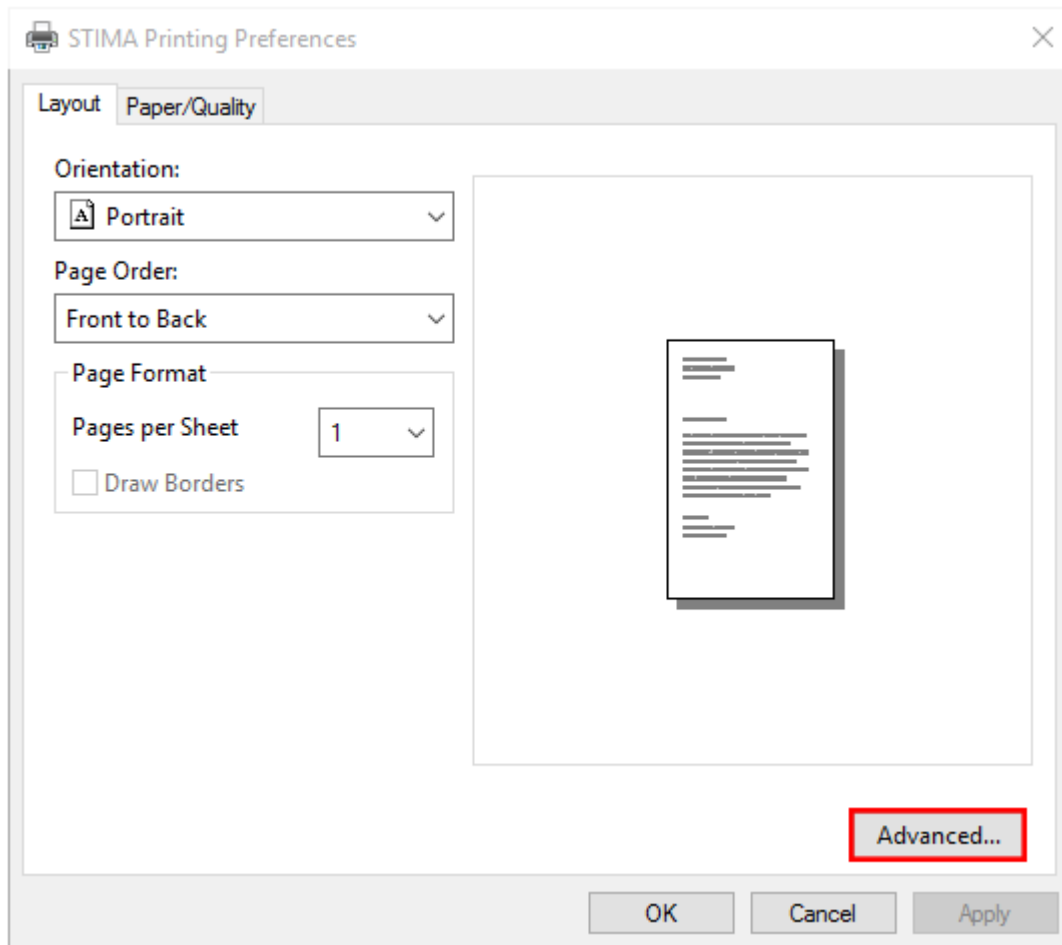
2. Configuring the Printer Driver

On the "Printers and Devices" window right click on the installed printer and choose the "Printer Properties" option.

Select the "General" tab.
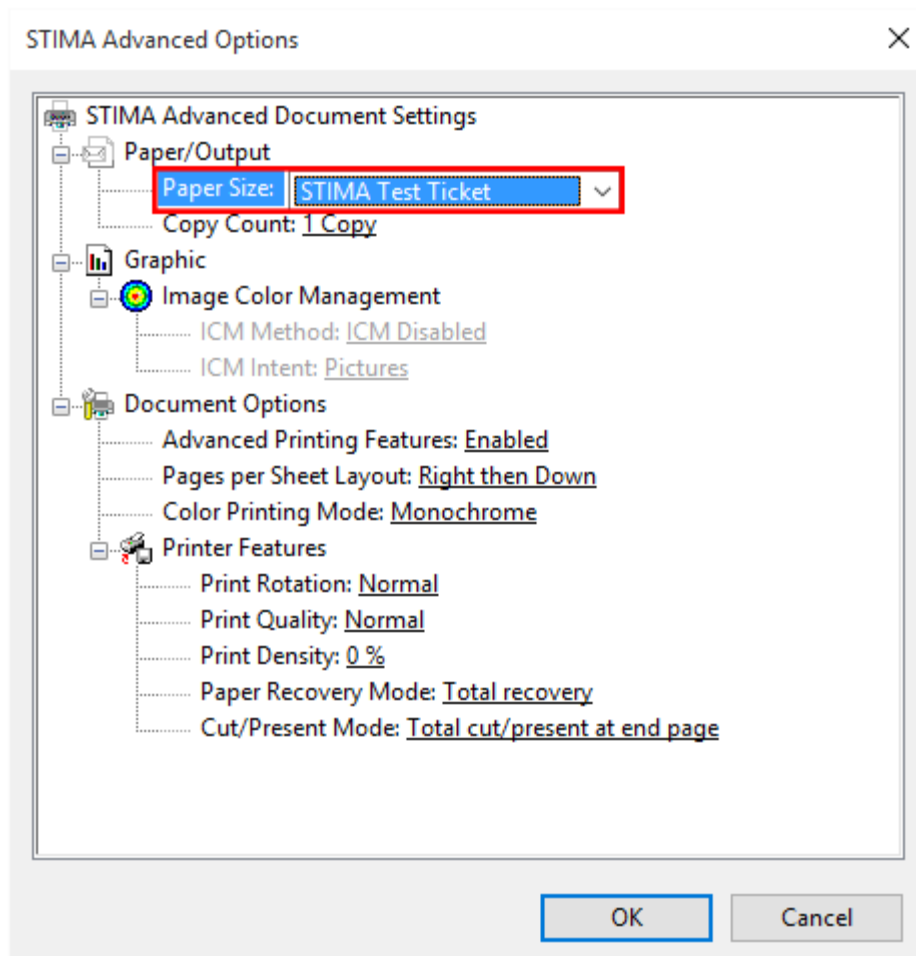Select the "Preferences…" button.

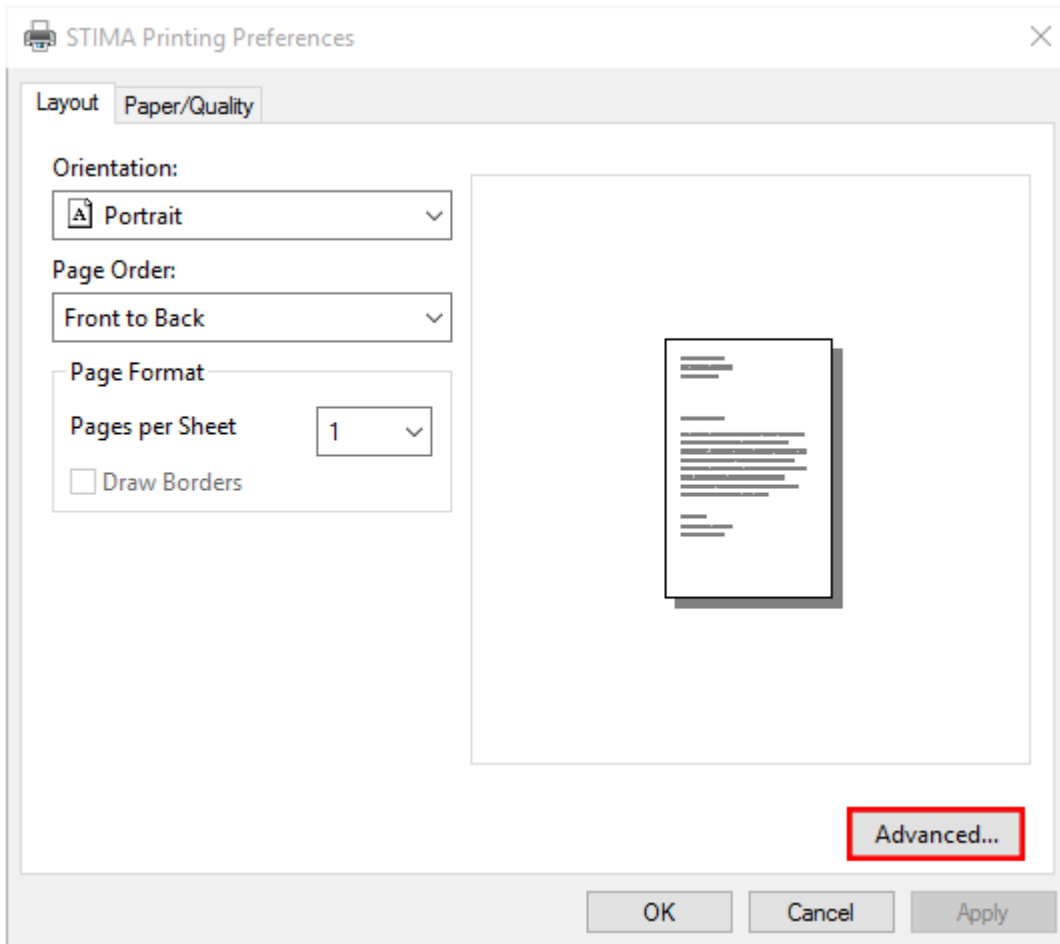On the next screen select the "Advanced" button.

Choose the "Paper Size" which was created in the previous step.
Choose the "Print Rotation" you require. If the ticket is printing upside down, then set to "Reverse".
"Paper Recovery Mode" should always be set to "Total Recovery".
"Notch / Black Mark Alignment" should be set to "On".

Depending on how you would like to cut or present your tickets you will need to choose the correct setting for "Cut / Present" mode. If you prefer to cut every ticket this should be set to "Cut / Present at End Page". If however you prefer to print a transaction and then cut then choose "Cut / Present at End Document". For printers with no cutter such as the STIMA SML/CMP models it is advisable to set this to "Cut / Present At End Document".
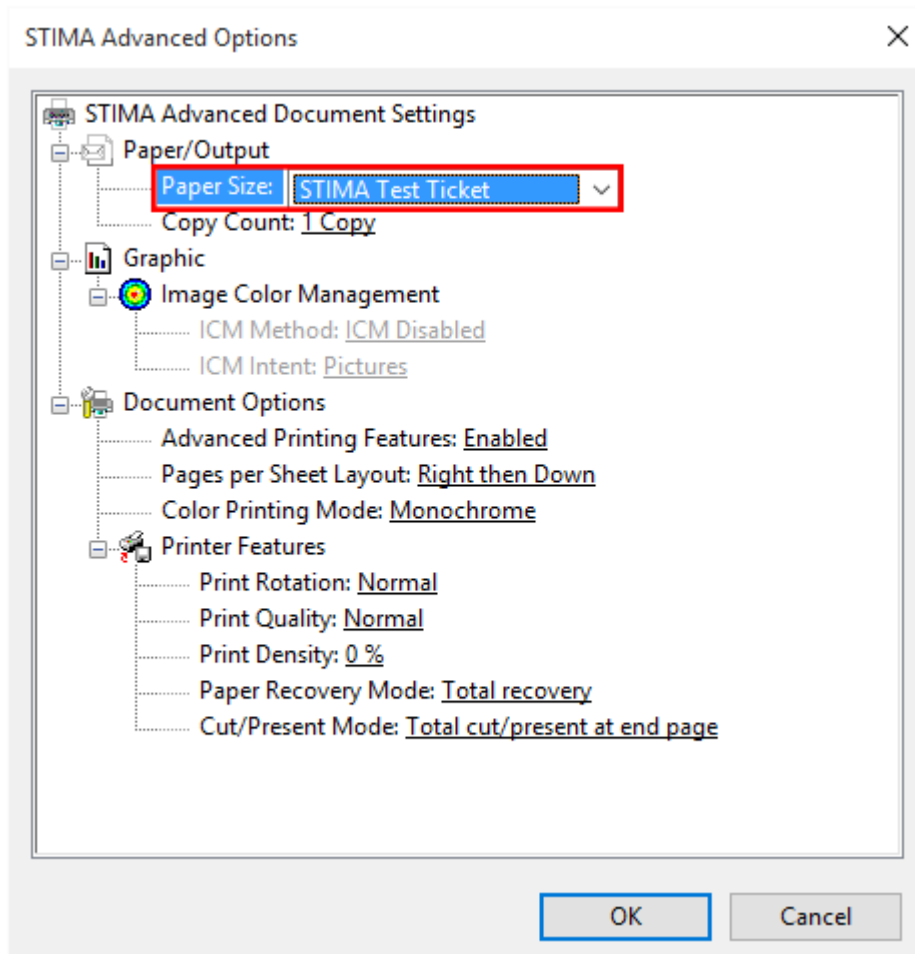
Return to the "Printer Preferences" window.
Select the "Advanced" tab.
Select the "Printing Defaults…" button.

On the next screen select the "Advanced" button.

Choose your Printing Default options as per your previous Printing Preferences.
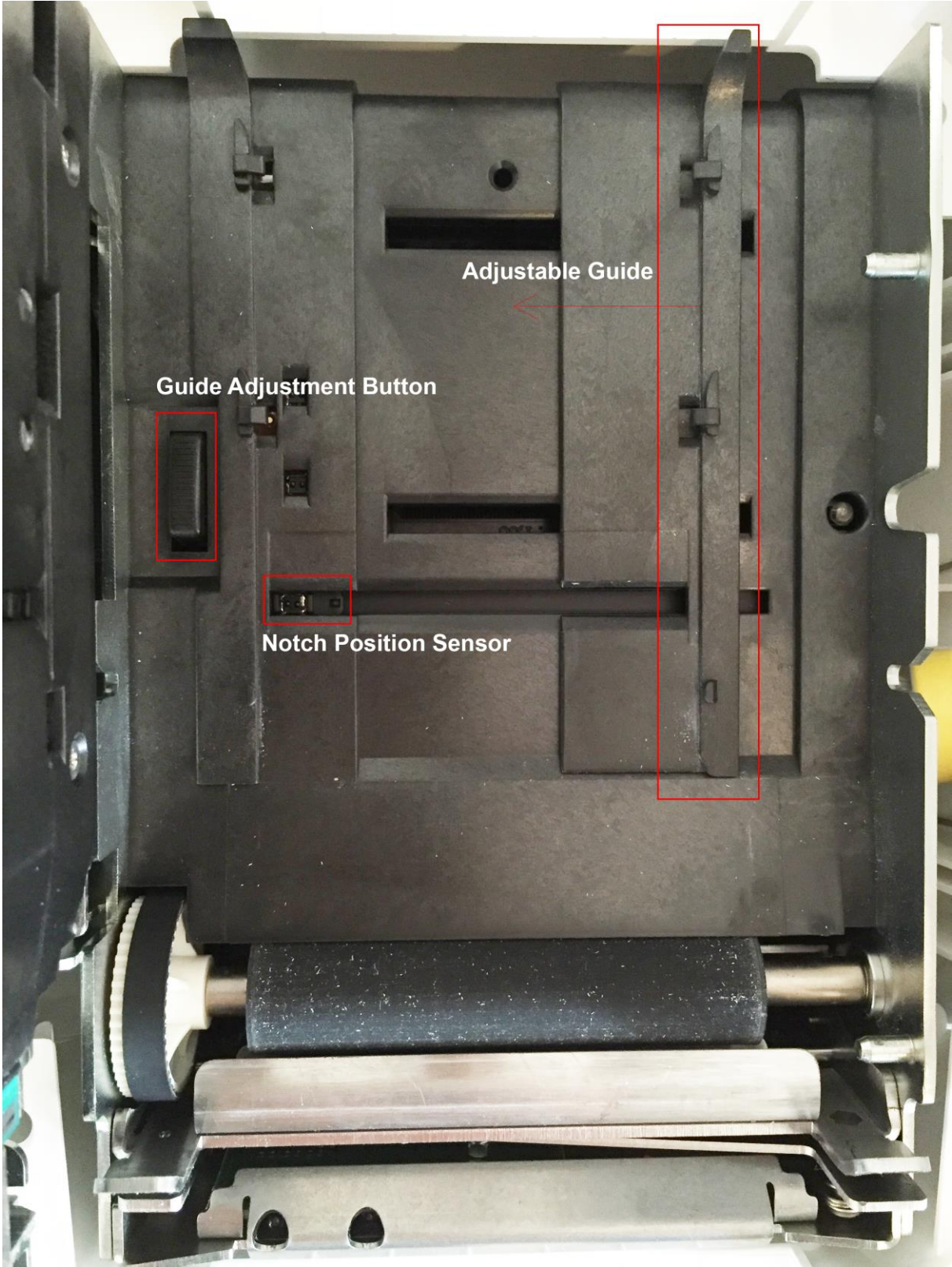

3. Configuring the Printer

Once the driver is installed and Windows has been configured, the last step is to configure the printer itself according to the ticket stock being used. Start by opening the Printer lid / lids to reveal where the tickets pass through the printer.

First adjust the Guide (on right) by
moving the Adjustable Guide so that it is the same width as the ticket stock being used. This should not be set too tightly or the tickets will not be able to flow freely through the printer.

Next the Notch Position Sensor may need to be moved so that it is located directly underneath the notch / black mark on the ticket. This sensor can be moved with a small screwdriver or pen, but care must be taken not to break or press the sensor itself. There is a small plastic handle to allow for easier movement of the sensor. The sensor can be moved anywhere across the width of the printer so as to ensure it can sense the black mark located anywhere on the ticket stock.
If your ticket stock has a Notch / Black Mark on the thermal side (top) of the ticket, then you should adjust the upper sensor on lid rather than the bottom panel. If your ticket stock has a Hole / Gap, then you should adjust both the sensor on the bottom panel and the top panel so that they are aligned to the Gap / Hole.
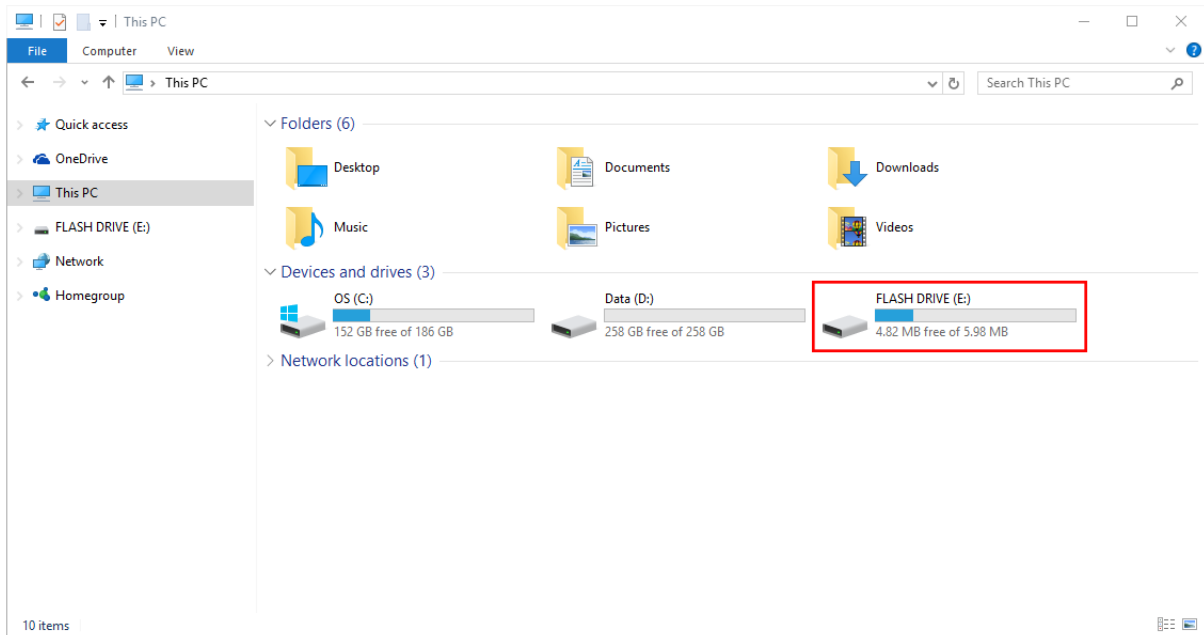
Adjustable Guide

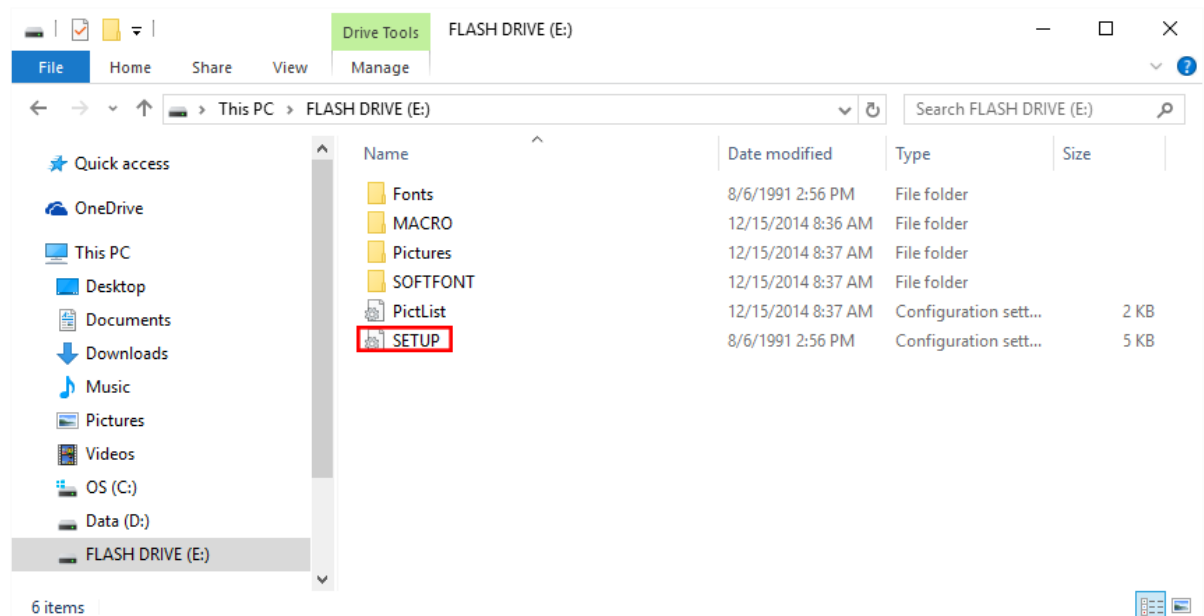Guide Adjustment Button

Notch Position Sensor

4. Configuring the Printer Settings

When connected via the USB cable the printer will display as a Mass Storage device, much like a USB Key / Dongle. It will be displayed as a "Flash Drive", while the actual drive letter will change from one system to another.

Go to "My Computer" in Windows and open the Flash Drive.

Double click the "Setup" file. It should open in Notepad or your default text editor.

Scroll just over half way down the setup file until you locate the following settings.

```
SETUP - Notepad                                    —   □   ×
File  Edit  Format  View  Help
Notch/B.Mark Position = 1
  // * 0 = Disabled
  //   1 = Bottom
  //   2 = Transparent
  //   3 = Top
 Notch/B.Mark Threshold = 1
  //   0 = 30 %
  // * 1 = 40 %
  //   2 = 50 %
  //   3 = 60 %
  //   4 = 70 %
  //   5 = 80 %
  //   6 = 90 %
Notch Distance  [mm] = +30.0
```

Make sure to select the correct Notch/B.Mark Postion.

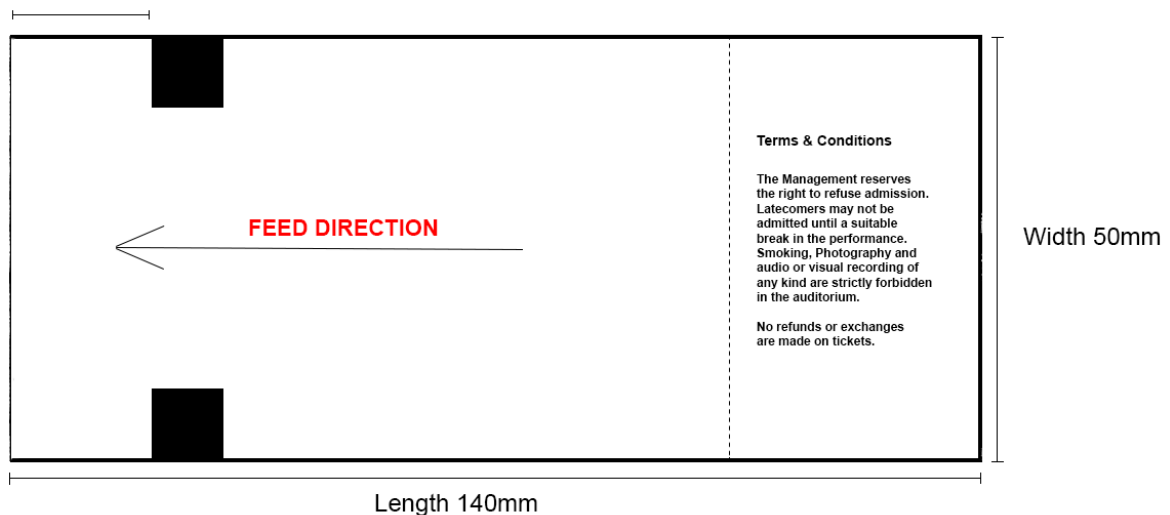This setting tells the printer which sensor to use to locate the Notch / Black Mark on your ticket.

Setting =1 will turn on the bottom sensor (most commonly used, non-thermal side)

Setting=2 will turn on the top sensor (if notch is on thermal side)

Setting=3 will turn on both sensors to look for a Gap / Hole in your ticket. The sensors must be aligned in the printer to use this correctly.

The Notch Distance setting determines where the printer will Cut / Align to. This is the distance from the beginning of the ticket to the Notch / Black Mark on the ticket and is as shown below. The measurement is in millimeters.

Notch Distance 30mm

Terms & Conditions

The Management reserves the right to refuse admission. Latecomers may not be admitted until a suitable break in the performance. Smoking, Photography and audio or visual recording of any kind are strictly forbidden in the auditorium.

No refunds or exchanges are made on tickets.

FEED DIRECTION

Width 50mm

Length 140mm

Select "File" and then "Save" to save your changes to the setup file. Reload your ticket stock into the printer.