

# User Manual

1. Before opening this software, you should download **NET4**, You can search NET4 in Google, download, then install it on your computer.

The Microsoft .NET Framework 4 web installer package downloads and installs the .NET Framework components required to run on the target machine architecture and OS. An Internet connection is required during the installation. .NET Framework 4 is required to run and develop applications to target the .NET Framework 4.

### Quick details

Version:	4	Date Published:	2/21/2011
Change Language:	English		

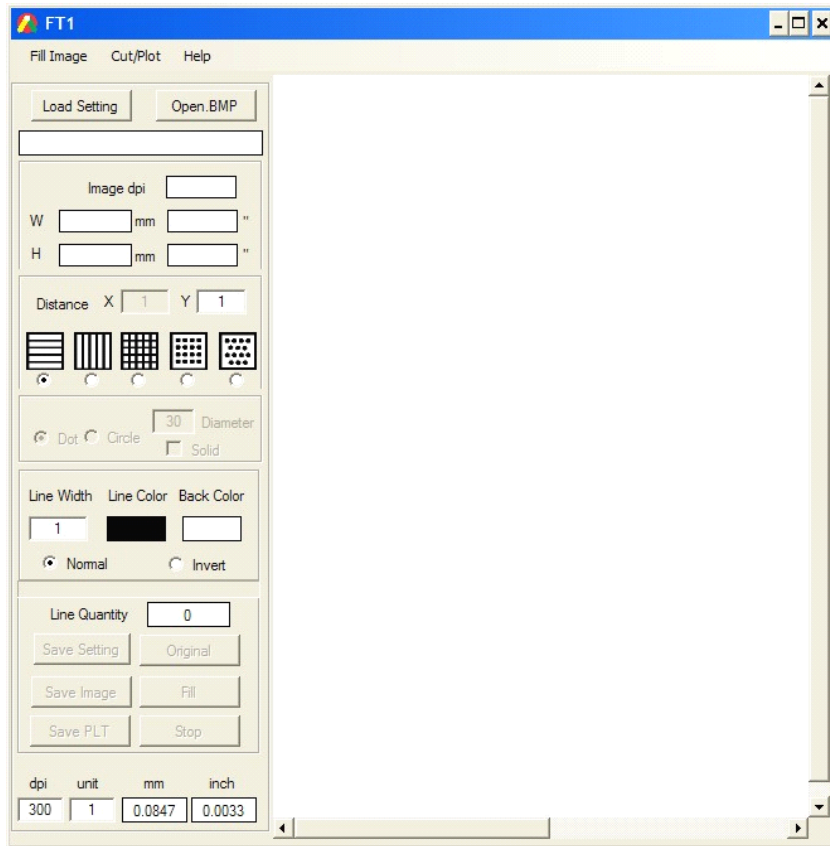
File Name	Size	
dotNetFx40_Full_setup.exe	869 KB	<a href="#">DOWNLOAD</a>

2. After installed the **NET4**, Please copy the FT software to your computer, first insert the

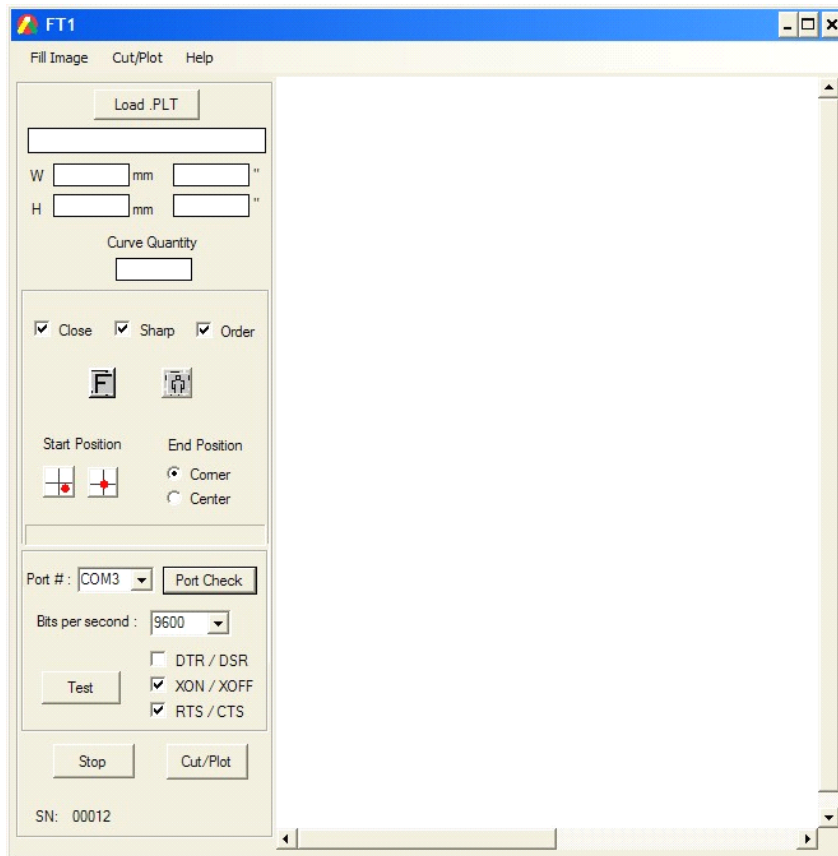


Software Key, then open the FT software

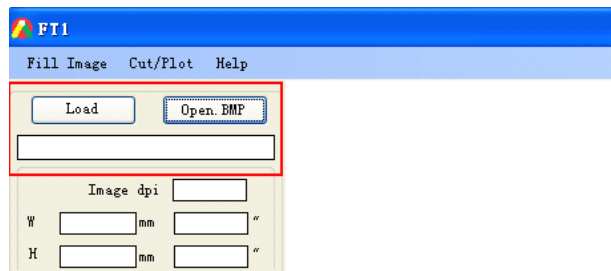
- 1), **Fill Image.** This area is for converting the BMP format image to all kinds of PLT format image.



**2), Cut/Plot.** This area is for setting cutter plotter to cut out all kinds of PLT format i  
mage.

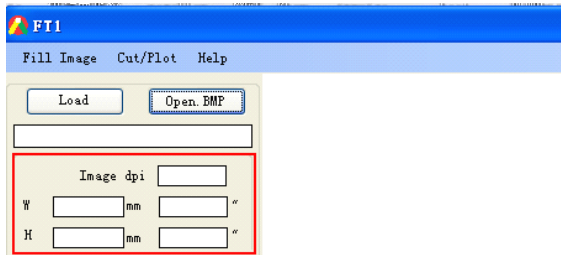


## Fill Image



**Load.** when you finish or not to edit some images, you can save it in a PTS format, then you can load this image to go on your edit or revise it.

**Open.BMP.** This software only identifies BMP format image, and it must be single color, you can use other graphic editing software to make it.



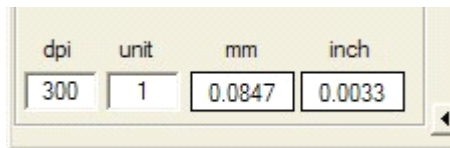
**Image dpi** shows the fixed image resolution when you load or open a image, **W** means the width of image, **H** means the height of image.

There are several **forms** to edit one image by lines, dots and circles.

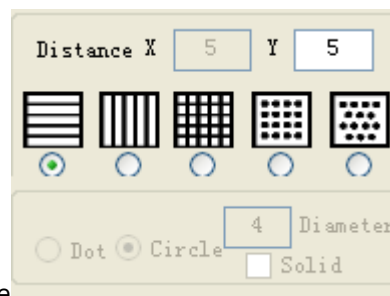
**Distance X** means the distance between two horizontal lines, dots or circles.

**Distance Y** means the distance between two vertical lines, dots or circles.

**The Unit Distance X, Y** is according to the image' DPI, it can calculate on the bottom:



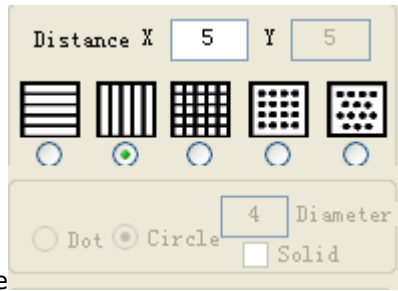
For Example: When the image DPI is 300, X=1 the real distance X is 0.0847mm, If X=10, the real X=0.847mm.



1)Horizontal line

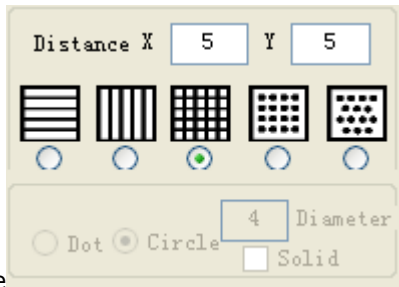
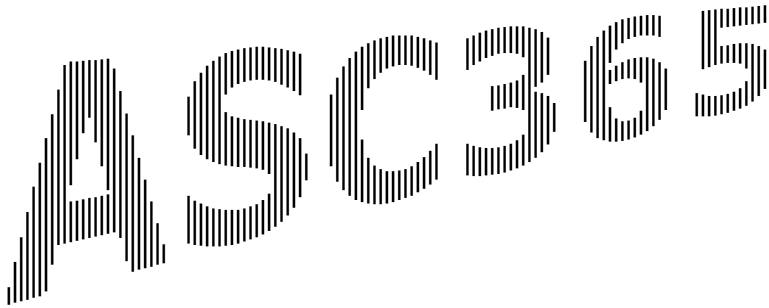
We take "ASC365" as example, after filling, will get the below effect.





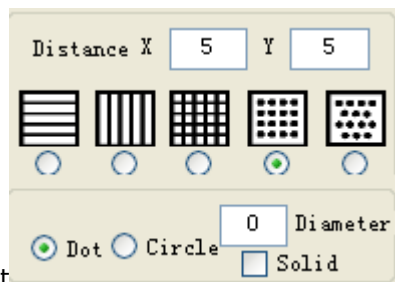
2)Vertical line

After filling, will get the below effect.



3)Cross line

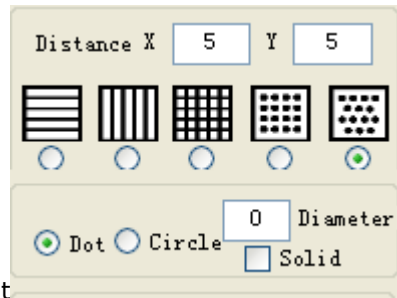
After filling, will get the below effect.



4)Balance Dot

After filling, will get the below effect.

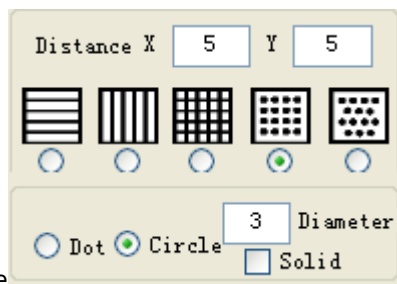
ASC365



5) Unbalance dot

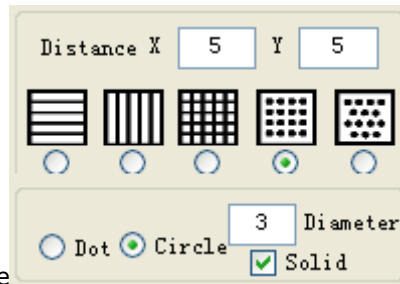
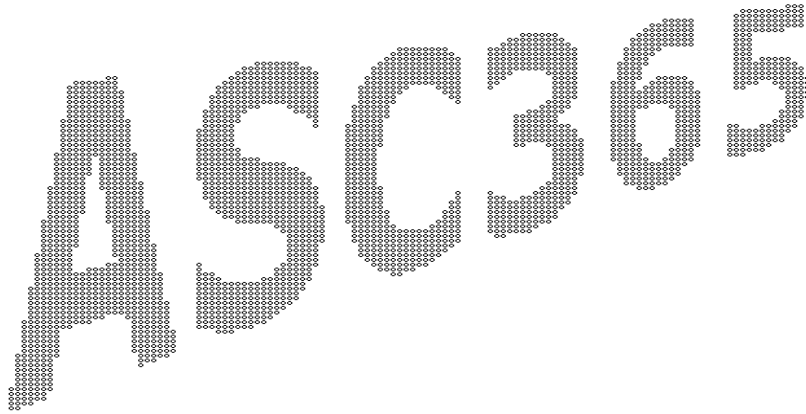
After filling, will get the below effect.

ASC365



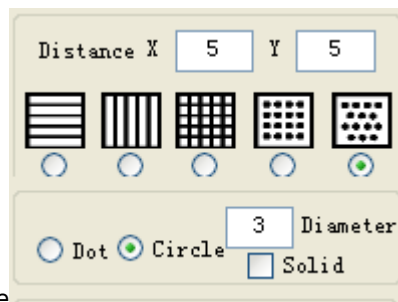
6) Balanced hollow circle

After filling, will get the below effect.



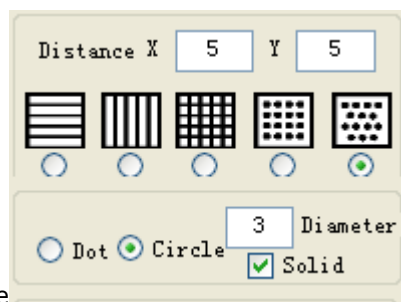
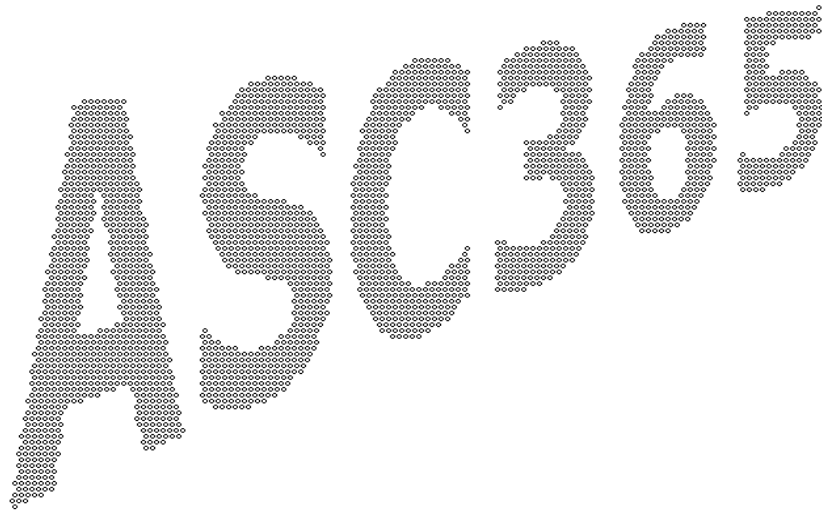
7)Balanced solid circle

After filling, will get the below effect.



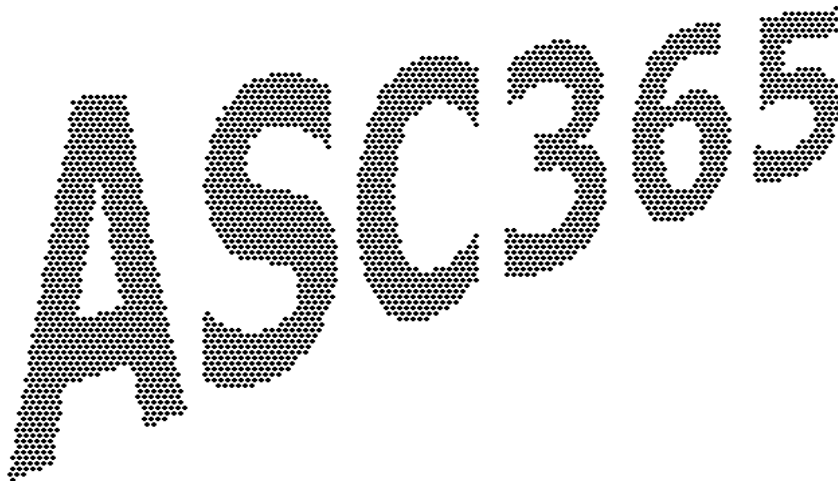
8)Unbalanced hollow circle

After filling, will get the below effect.

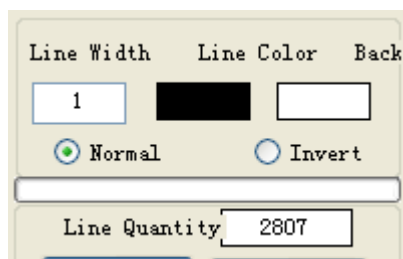


9)Unbalanced solid circle

After filling, will get the below effect.



### Visual show





**Line Width** means the the width of horizontal, vertical and circle lines.

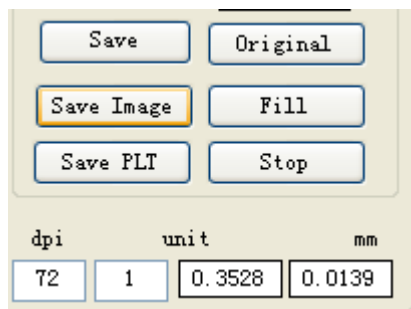
**Line Color** means the color of lines and dots, you can click the color area to change it.

**Back** means the color of background, you can click the color area to change it.

**Normal** means the image you are editing.

**Invert** means inverting the lines, dots or circle and background.

**Line Quantity** means the number of lines, dots or circles



**Save** means save the current image in the PTS format, later you can load this save image to edit or revise it.

**Original** means open the original BMP format image.

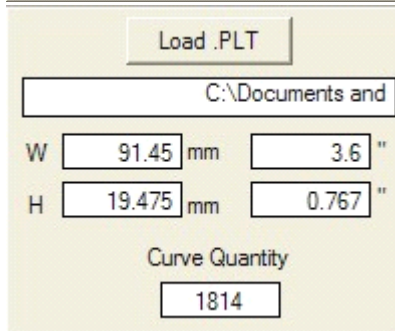
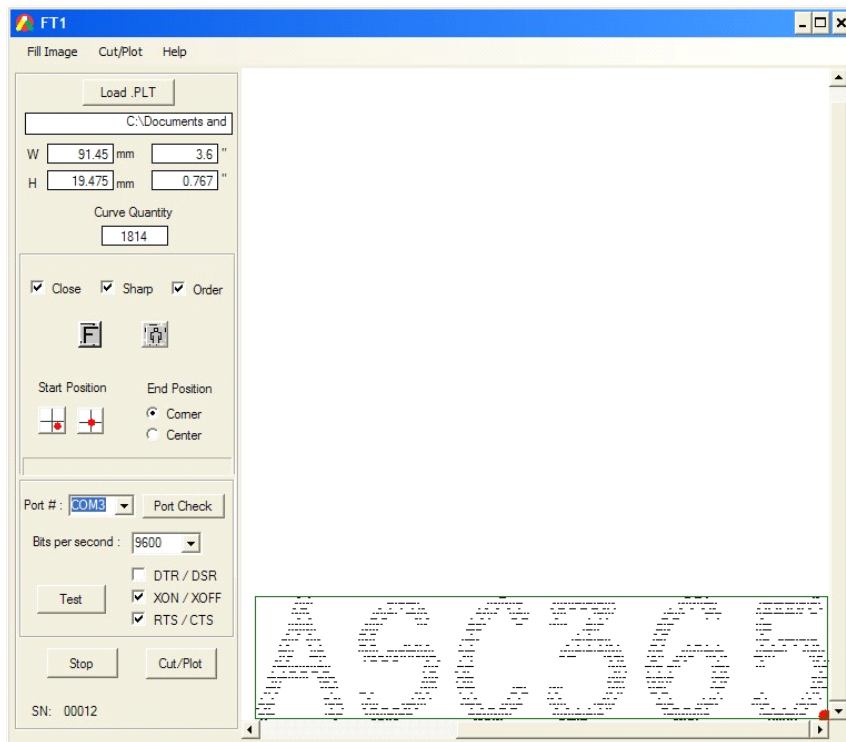
**Save Image** means save the image in all kinds of bitmap format image.

**Fill** means filling the corresponding area in above lines, dots, circle forms.

**Save PLT** means save the filled image as PLT format.

**Stop means** stopping the process of filling.

## Cut/Plot

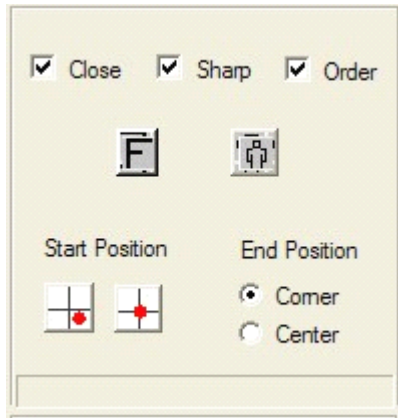


**Load .PLT** means opening the PLT format image ready to cut.

**W** means the width of image.

**H** means the height of image.

**Curve Quantity** means the times cutter plotter needs to cut, for example, Curve Quantity 100 means there are 100 pieces of vertical lines.






**Close** means because all kinds of physical effect, sometimes it is hard to finish cutting closed curve, so by choosing this function, we can do some compensation to make it.

Notice, only cutting image with closed curves, you can choose this one.

**Sharp** means because the blade is not fixed on the carriage, it can rotate, when cutting curves, it can not completely achieve the curve angle, especially if you cutting some small images, if you feel the image angle is not sharp enough, you can choose this function.

**Order** means the cutting order is from bottom to the top to make sure the cutting efficiency while not cutting several times, forward some distance to cut, then back to cut.

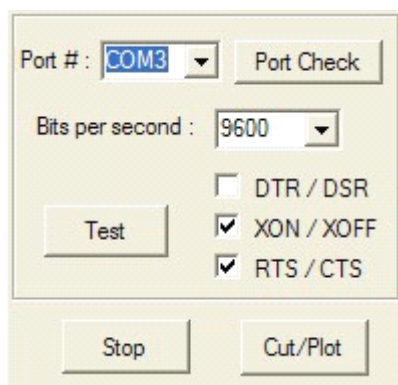
 means mirroring image.

 means rotating image 90 degree anticlockwise .

**Start Position** means the position where cutter plotter starts to cut.

**End Position** means the position where cutter plotter will back after finishing cutting.

When cutting some items with protruding edges like plates, in order not to touch these edges by blade, you need to set the start position and end position at the center.

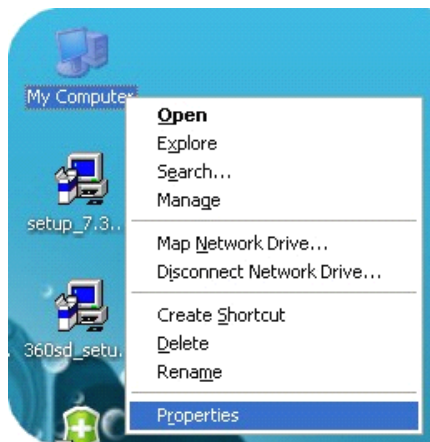


**Port# COM3** means the connection port between computer and cutter plotter, you can set this port with the help of **Port Check**.

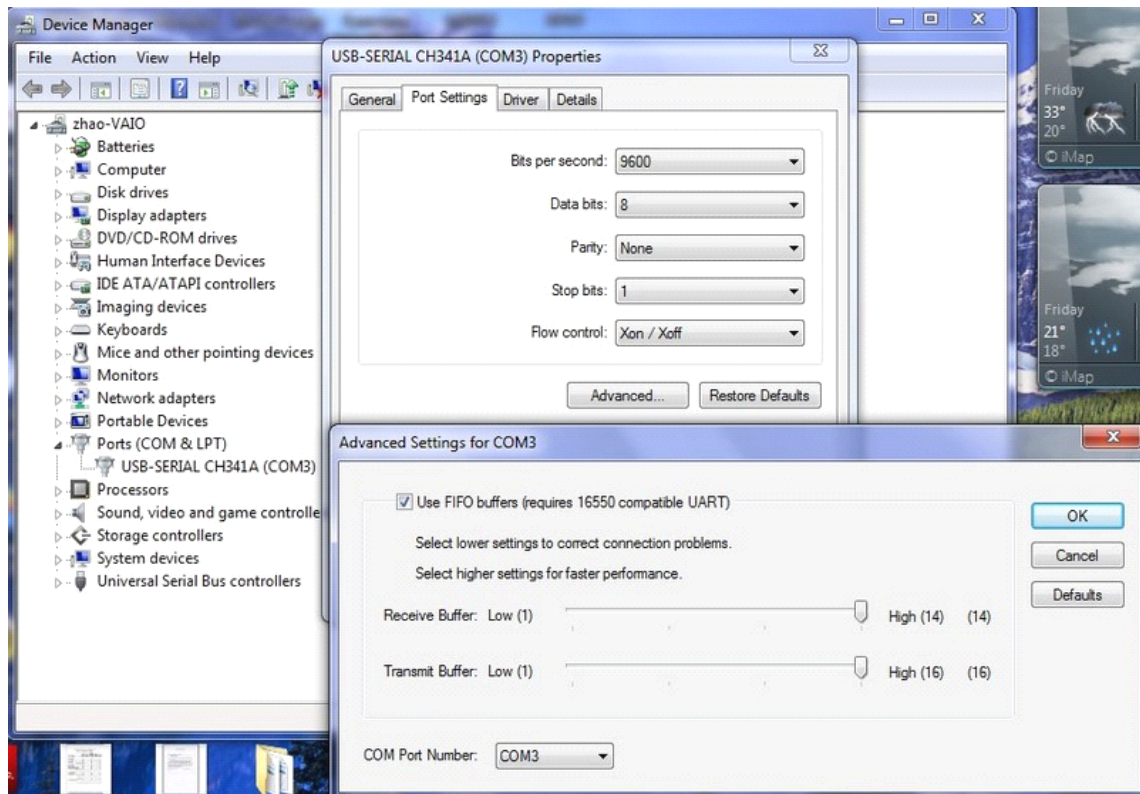
**Bits per second means** the number of bits transmitted or received each second, with our plotter, we set it 9600.

Here we need to choose **XON/XOFF** and **RTS/CTS**.

**Also, you need to set your computer data.**



Right click "**My Computer**", and click "**Properties**" to check the system properties.



**2. Click "Hardware", "Device Manger", Expand Ports (COM&LPT)**

Double click "USB-SERIAL CH341A(COM3)".

**\*\*The port(COM3) is uncertain, sometimes COM1, COM2..., when you connect computer and cutter plotter using serial port line or USB line, it will appear different port, then you should make the port of software and this one the same.**

If not same, please click **"Advanced"** to change the **"COM Port Number"**.

**3. Make sure the "Bits per second" is 9600.**

and Set the **"Flow control"** as **"Xon/Xoff"**.

After finishing the above setting, you can click **Test** to check if the connection between computer and cutter plotter works.

**Stop** means stopping the cutting process.

**Cut/Plot** means starting the cutting process.

