

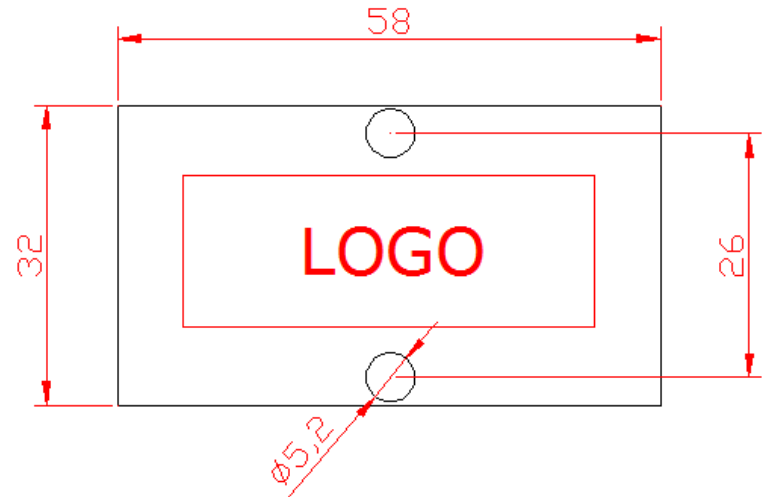
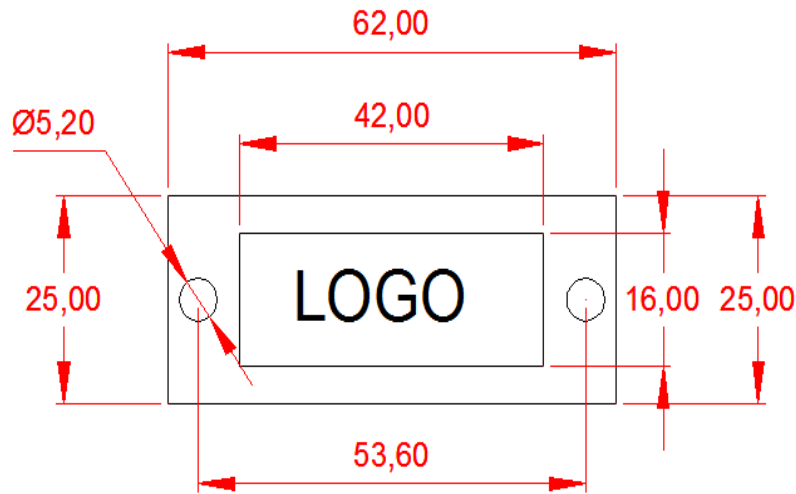


How to make your own logo

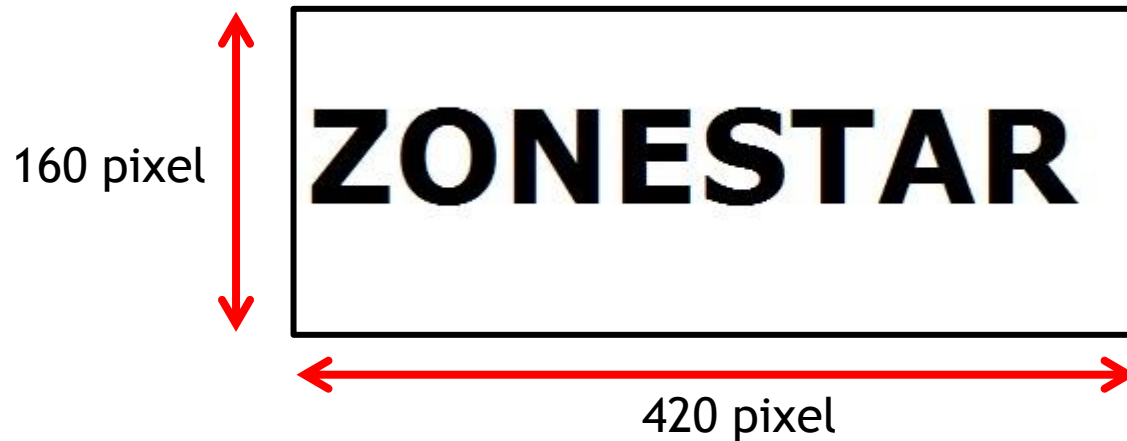
piece for your Z6 3d Printer

Prepare the logo picture

1. Size of LOGO piece (left is the 1st version and right is the 2nd version)

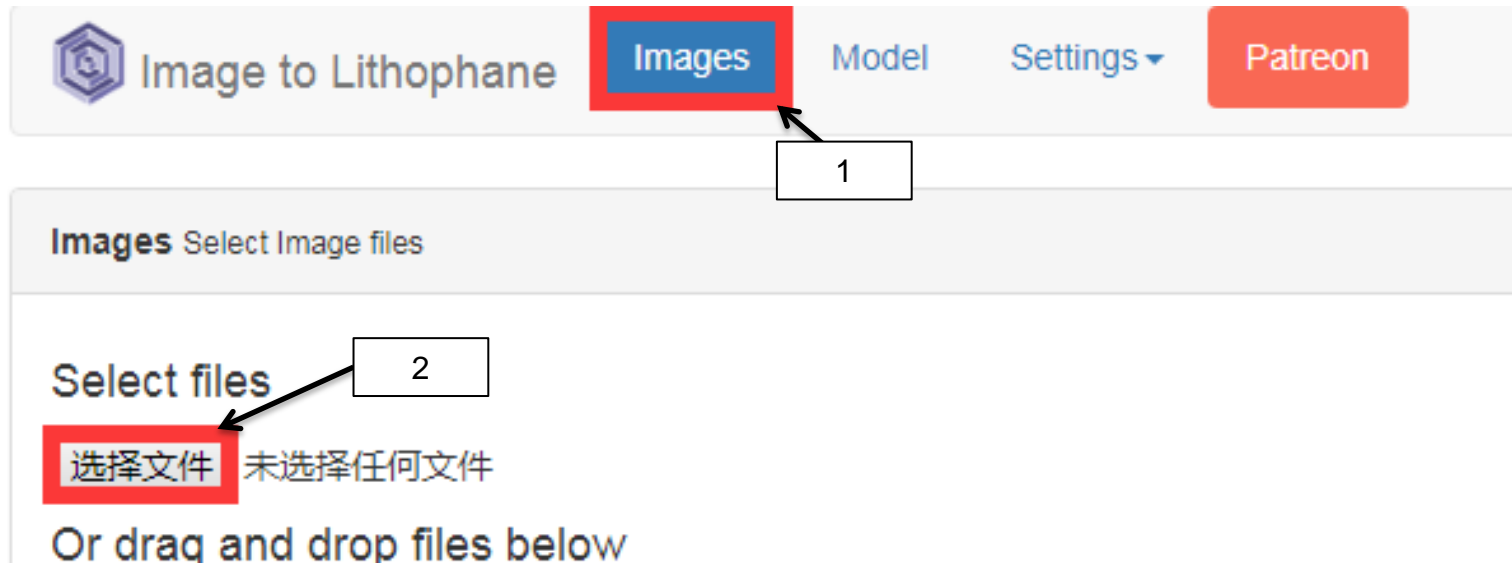


2. Prepare a picture of the logo you want to make, as shown below, the aspect ratio should be 420:160.



Covert the picture to a stl file: 1 - Import pictures

Open this website: <http://3dp.rocks/lithophane/>
Import prepared picture



Covert the picture to a stl file: 2 - Settings

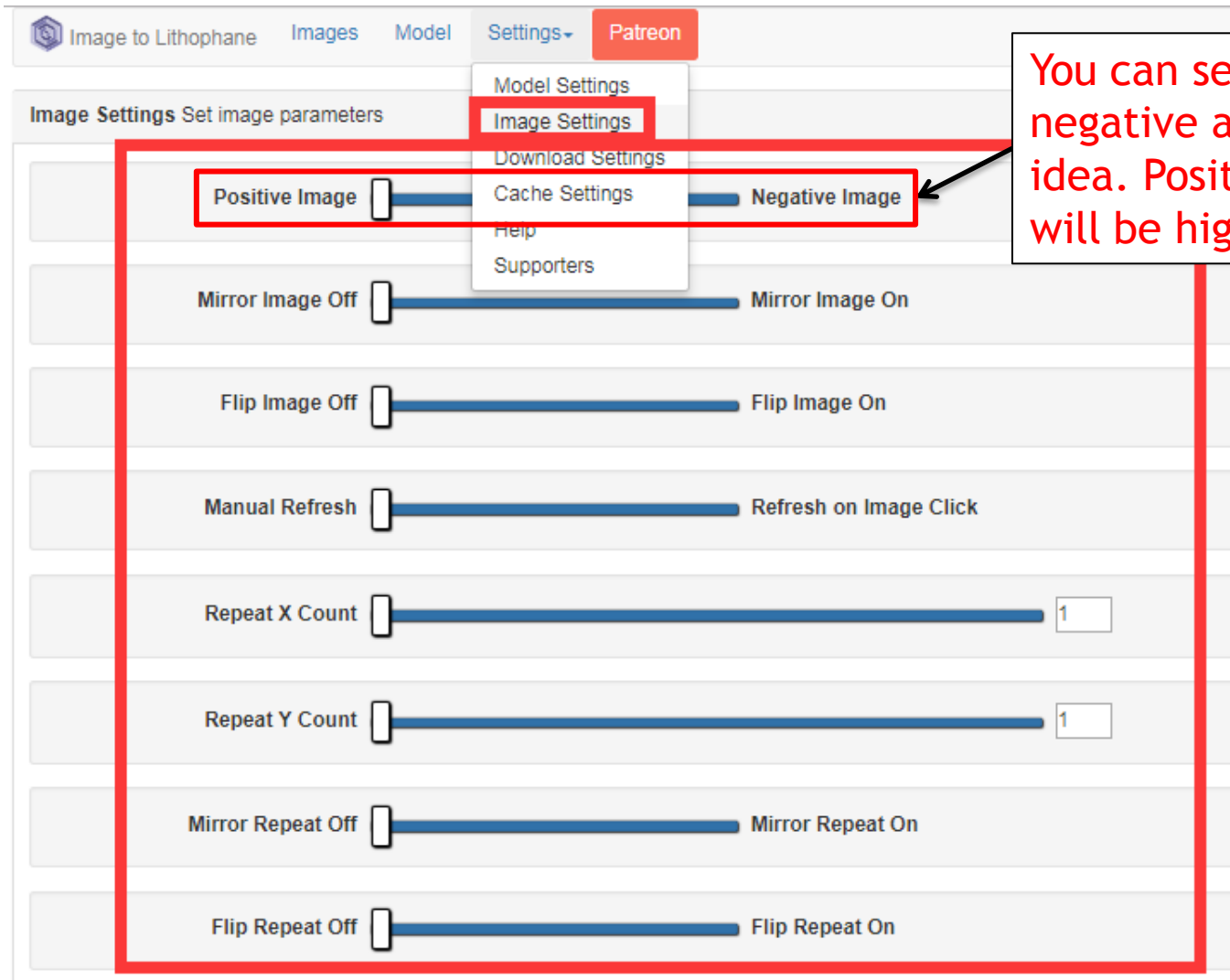
Click **Settings** and choose **Model Settings**, detail as below:

The screenshot shows the 'Image to Lithophane' application interface. The 'Settings' menu is open, and 'Model Settings' is selected. The 'Model Settings' section contains several sliders and numerical input fields. A red box highlights the 'Model Settings' section and the numerical input fields on the right.

Parameter	Value
Maximum Size (MM)	42
Thickness (MM)	2
Border (MM)	0
Thinnest Layer (MM)	0
Vectors Per Pixel	8
Base/Stand Depth	0
Curve	0

Covert the picture to a stl file: 2 - Settings

Click **Settings** and choose **Image Settings**, detail as below:

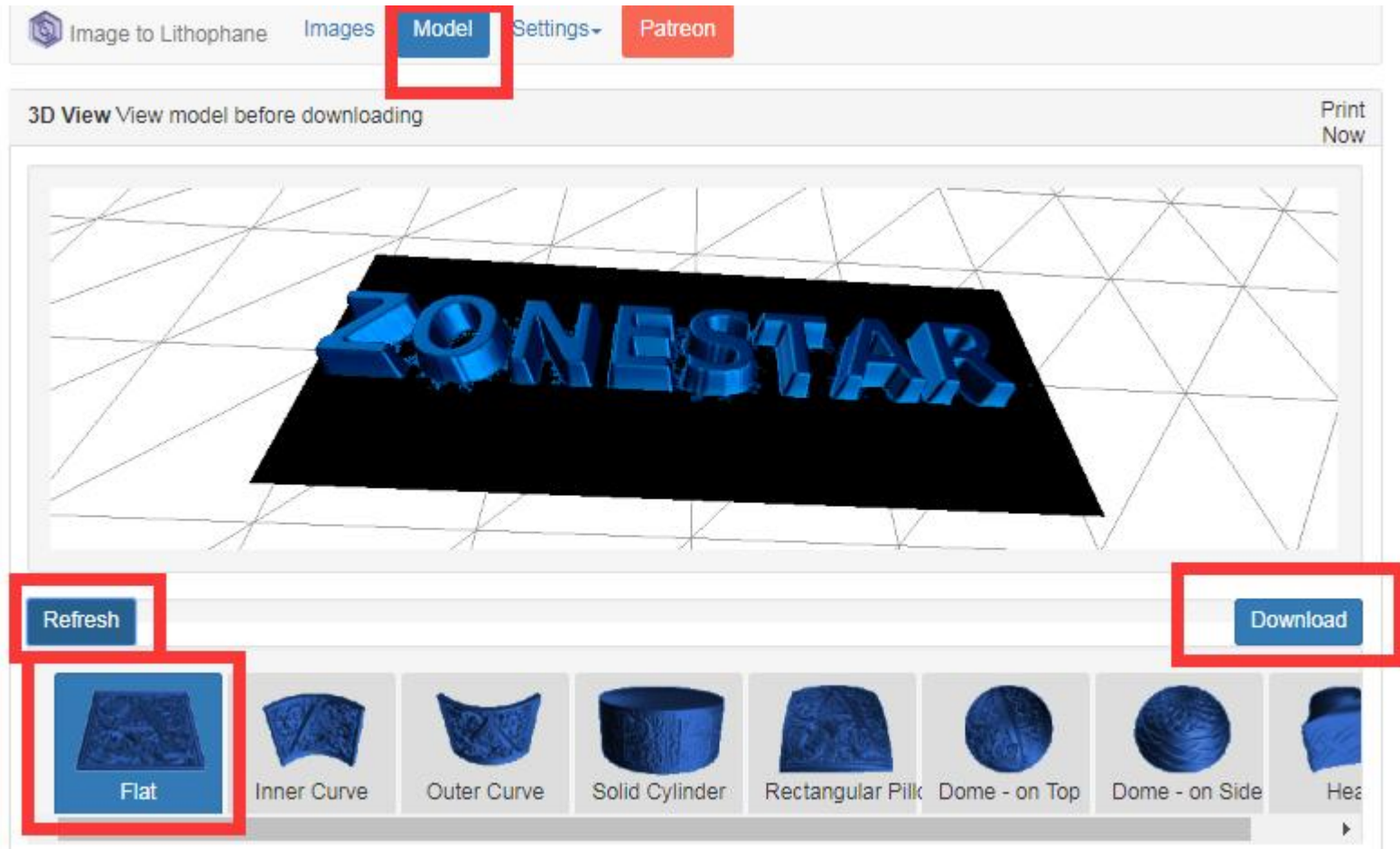


You can set the positive or negative according to your idea. Positive means the text will be high then the plane.

Covert the picture to a stl file: 4 - Generate and Download

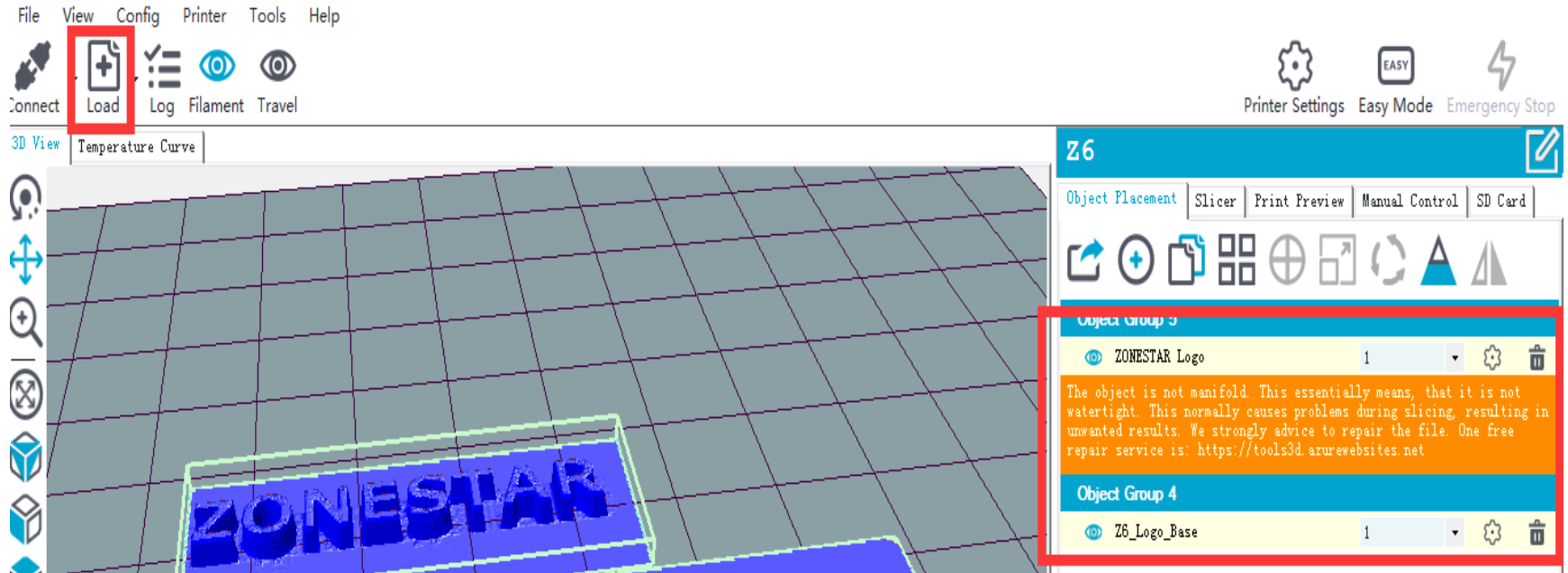
Click **Model** > **Flat** > **Refresh**, pre view the result, and then click download to Download the stl file.

For example, stl file name is ZONESTAR logo.stl



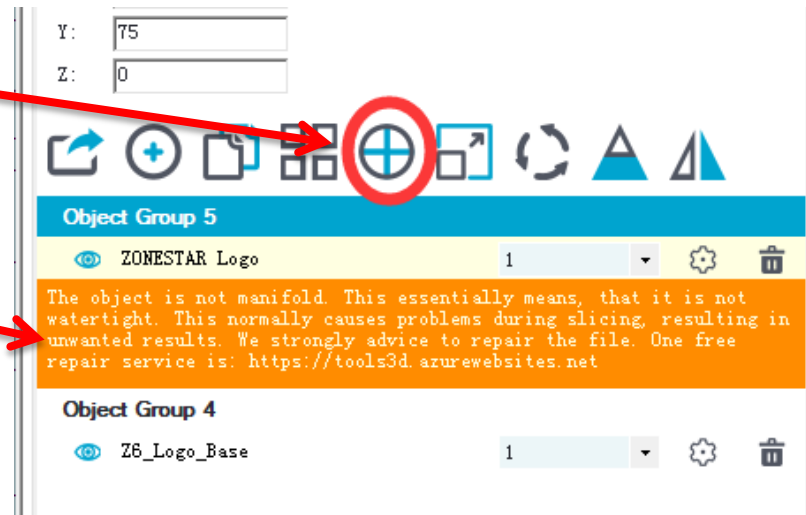
Slicing

1. Open repetier-host, load **ZONESTAR_logo_base.stl** and **ZONESTAR logo.stl**



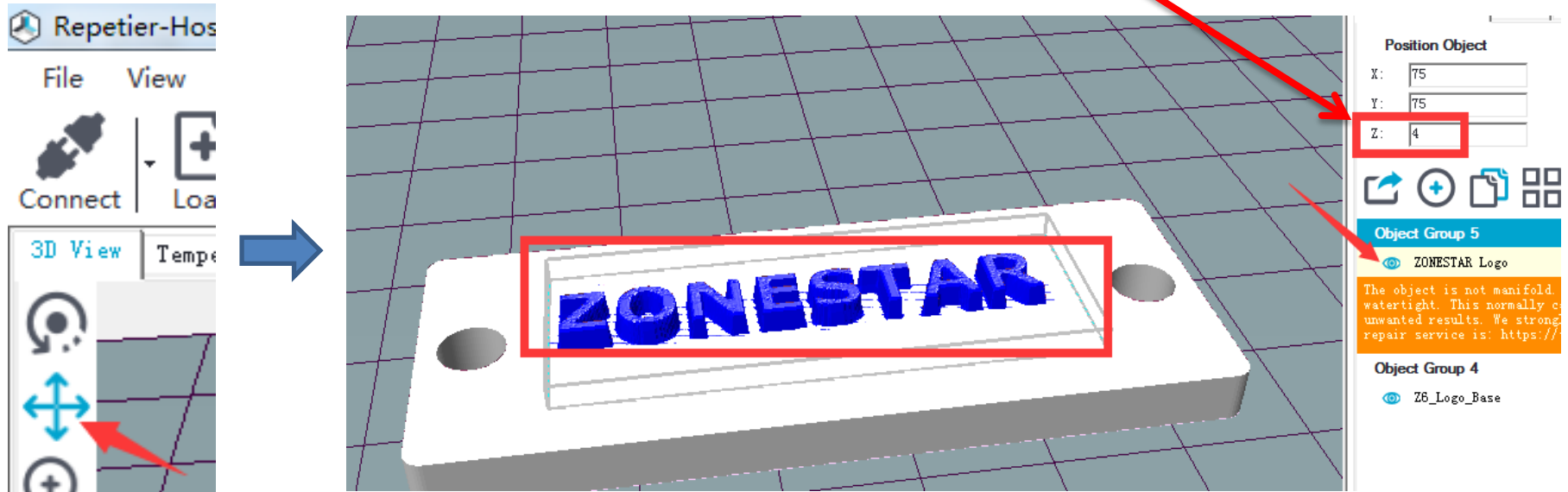
2. Center both of 3d objects

PS: Don't need to care about this warning.

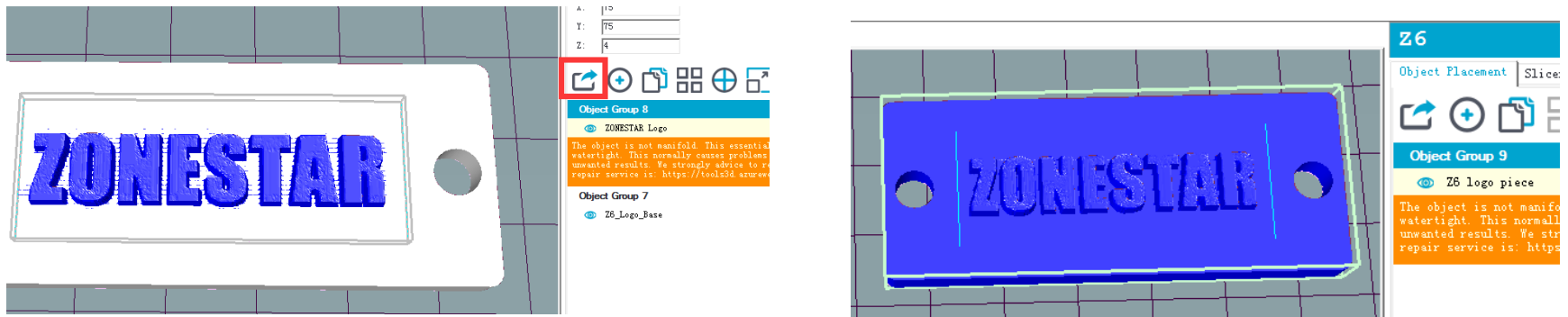


Slicing

3. Set position, we need put the logo on the base, so modify **Z** to 4mm

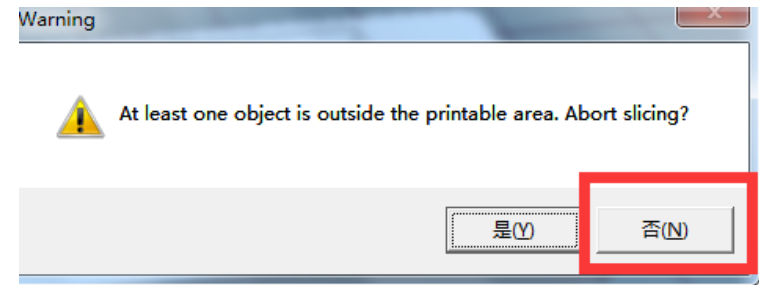
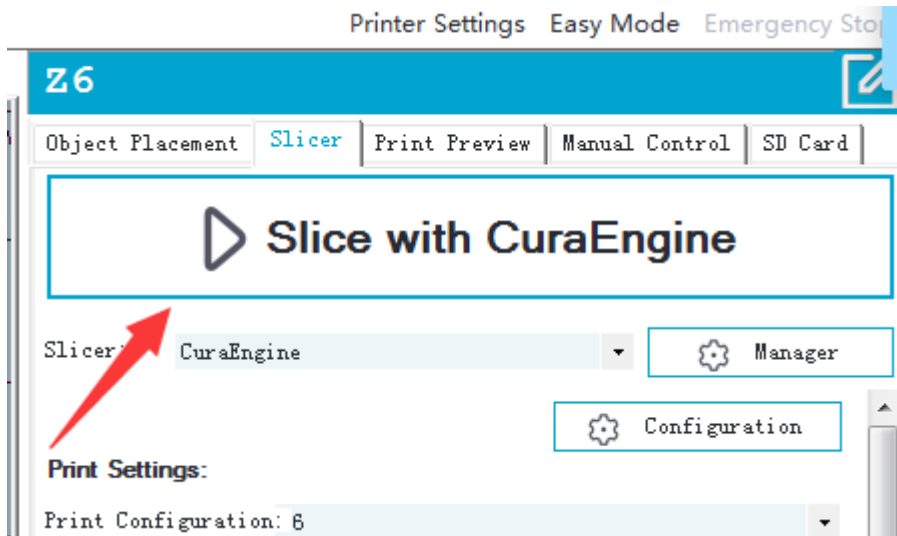


4. You can save the combined stl to a **Z6 logo piece.stl** if need, then load this combined stl file again, if donot need, just skip this step.

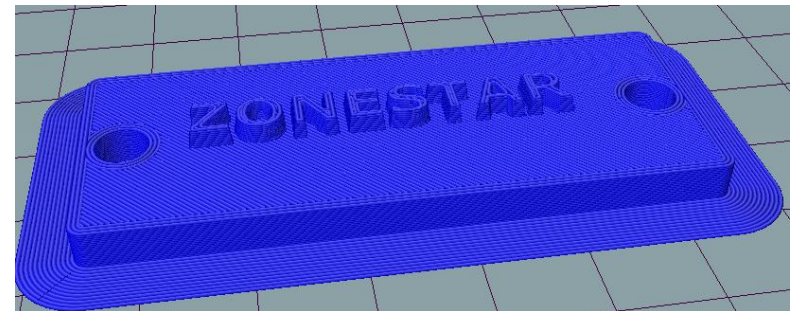
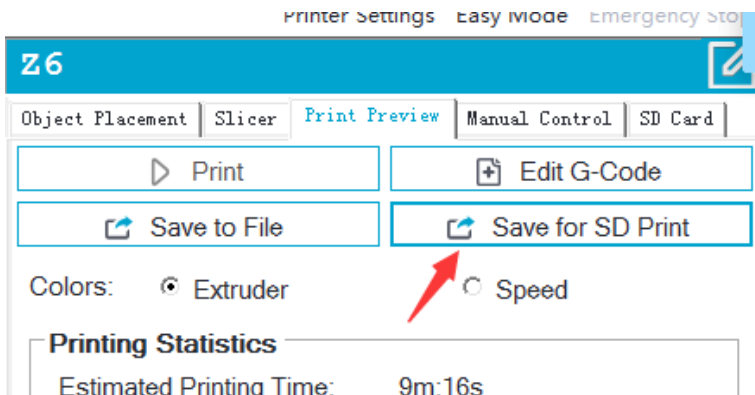


Slicing

5. Slicing it and save the gcode to SD card

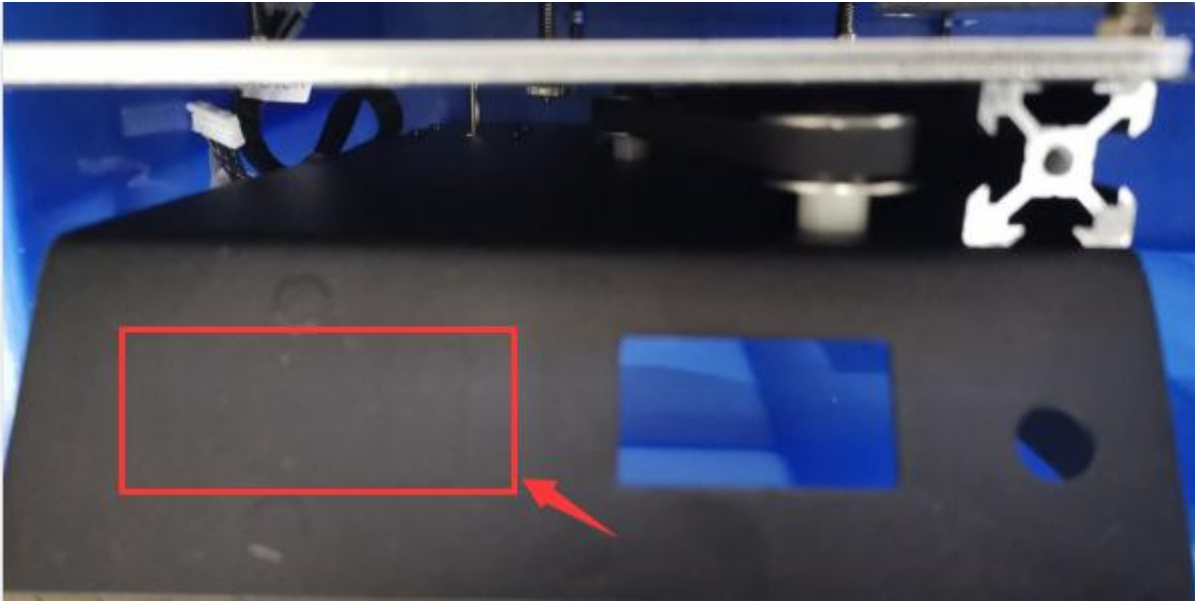


Skip it if the warning window pop up.



NOTE: Refer to the slicing setting to set the parameter before slicing

Print the Logo piece and install it to the printer



Use a screwdriver or a hammer to knock this part to remove the cover piece.



Print the Logo piece and install it to the printer



1



2

2



3