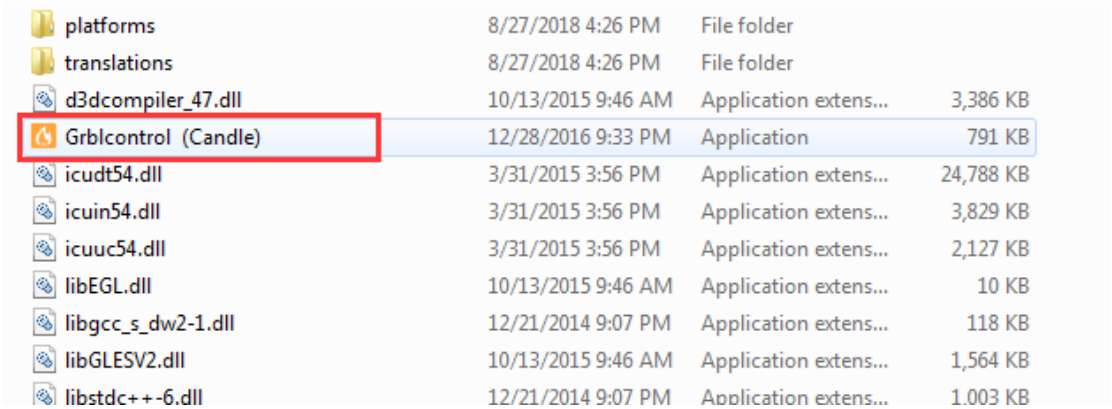
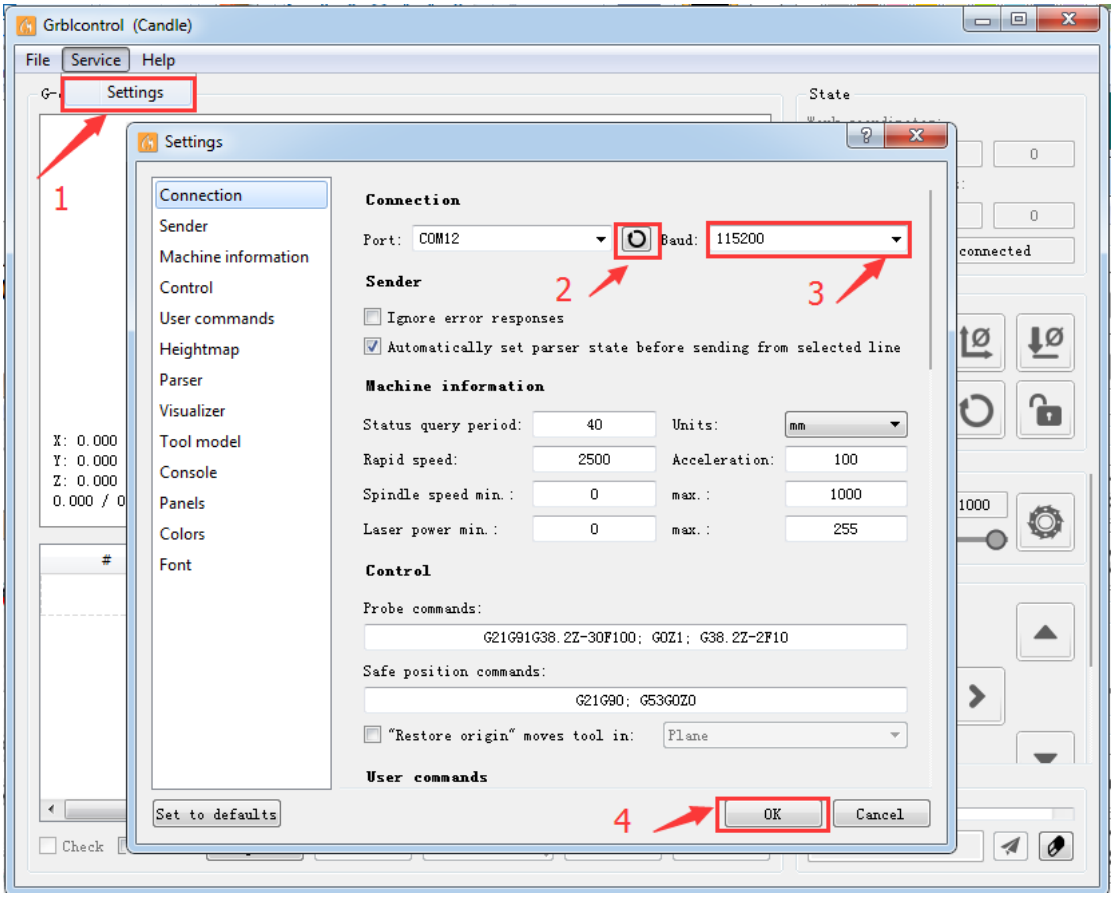
1. running software:



2. Software Connect to controller:

Operation need to set the port number and baud rate for the first time.

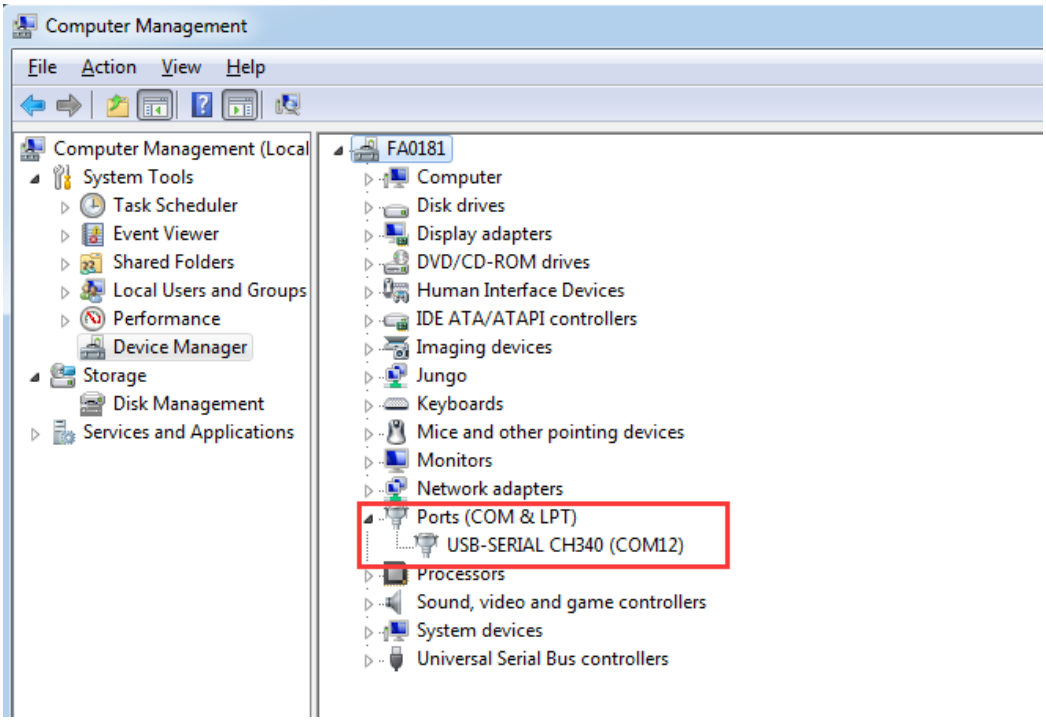
Click on the arrow 2 laps,the port number can be identified, if software can't identify the port number, select the port number .Click on the arrow 3 position, select the baud rate, baud rate to 115200. Click on the arrow 4 ok finish connection.



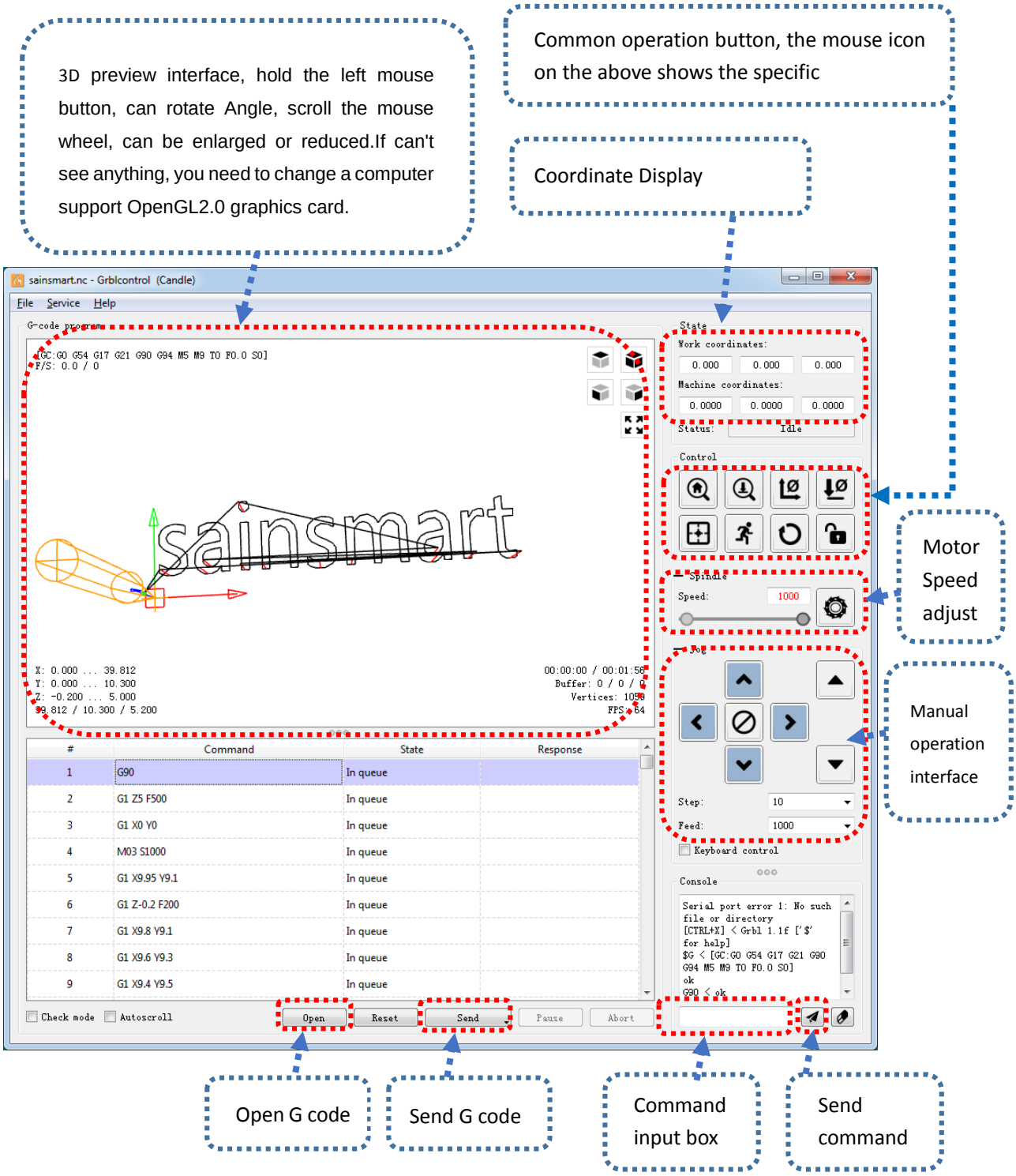
NOTE:

1> In front of the recognition of the com port, control card is connected to the computer USB port.

2> Driver installation and normal work, check the device manager, as shown in the figure below:

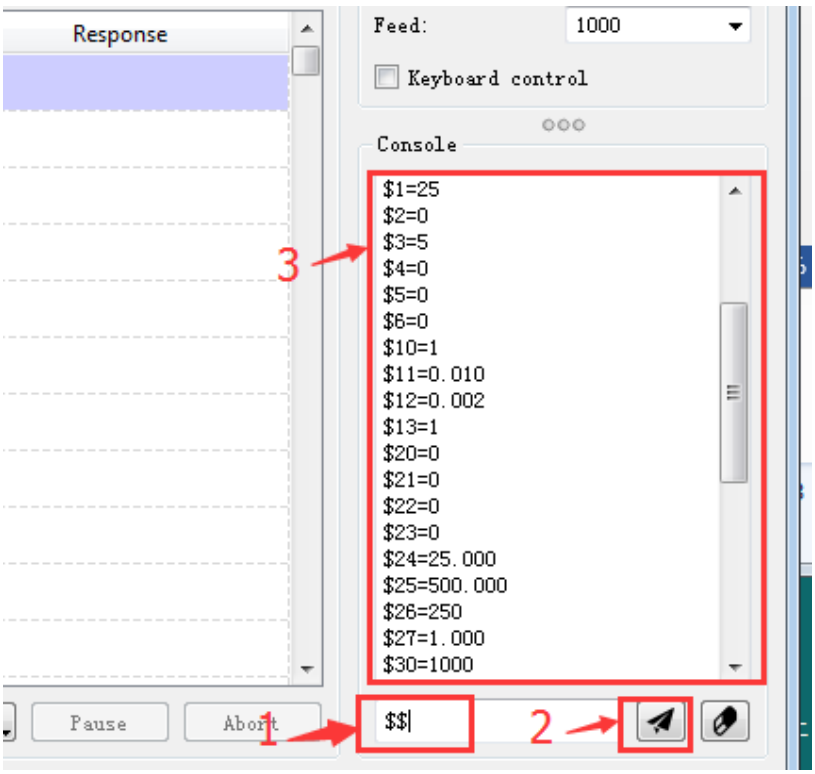


3. Software interface description：



4. Modify the parameters：

Controller default parameters are not necessarily suitable for your machine, need to modify the parameters, such as: step/mm, acceleration.
In the **[command input box]** where to enter **$$**, and click **[send command]**, you can get on-board GRBL firmware parameter settings. As shown below:



5. Run G code for processing:

1> Click **[open]**, Select the G code to run.
2> Click on the manual operation panel, move the spindle to the starting. Point of the engraving, so that the tool and the workpiece just touch.
3> Click **[Zero XY] [Zero Z]** Clear the XYZ axis coordinate.
4> Click **[Send]** running G code.