ESP-01S basic guide (With BTT TFT35)

Note: This guide is written for the ESP-01S WIFI module from Bigtreetech official stores, we cannot promise it can use for all WIFI modules.
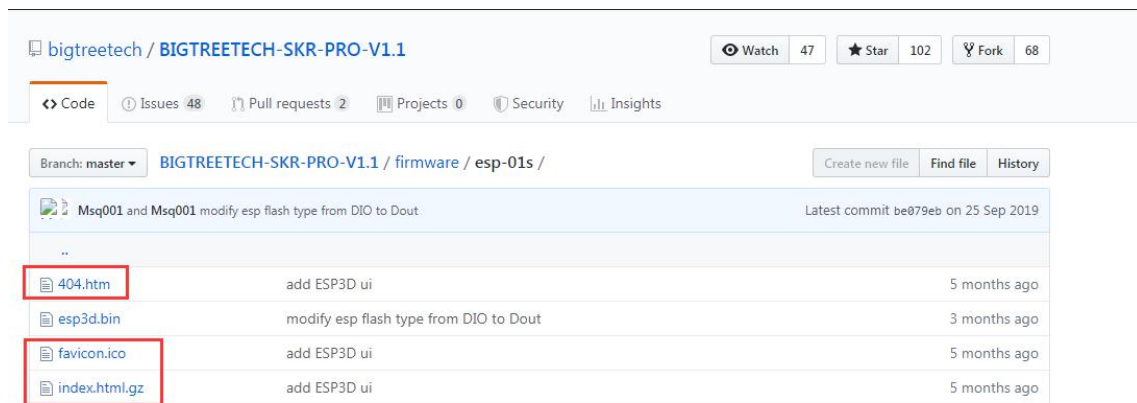The connection between BTT skr pro v1.1/ BTT skr v1.4 also can refer this guide.

First, flash the ESP3D firmware for the WIFI module according to this manual:
https://github.com/bigtreetech/BTT-WRITER-V1.0/blob/master/BTT%20Writer%20V1.0%20manual.pdf
(The skr pro v1.1 can flash the WIFI module firmware with Marlin directly, needn't use the CH340 module)
And download the 3 files in this link:
https://github.com/bigtreetech/BIGTREETECH-SKR-PRO-V1.1/tree/master/firmware/esp-01s

Then connect the wifi module to the TFT35(-E3) V3.0 / TFT35 V2.0 and connect the display to the motherboard.
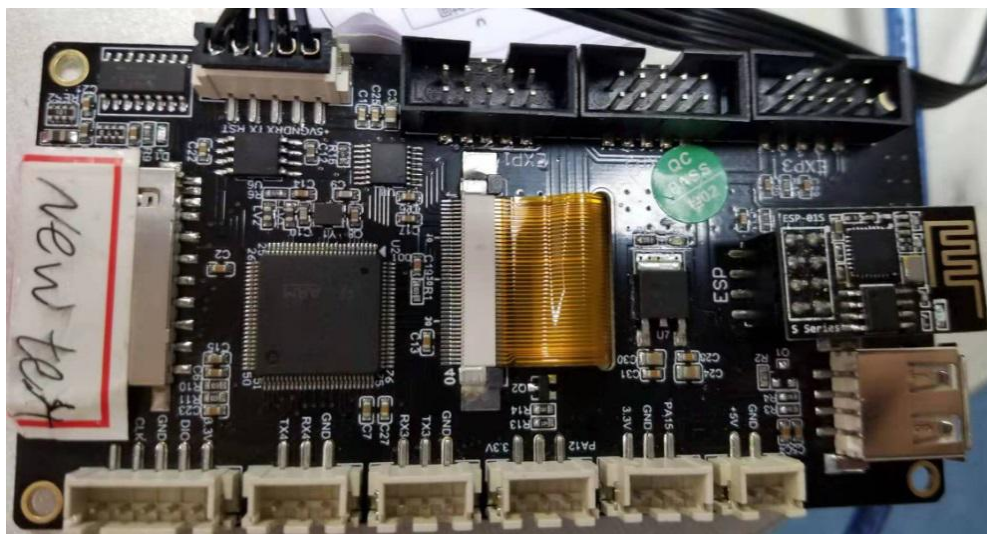
Power on the motherboard, the display will also light up and shows the M117 window ("Connecting....") automatically.
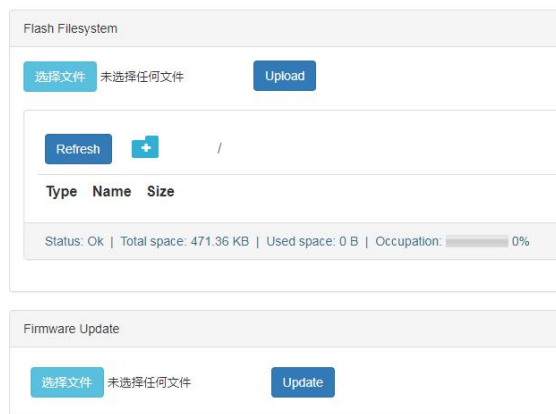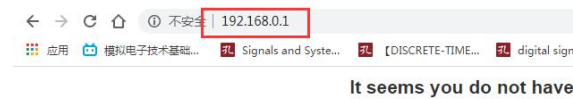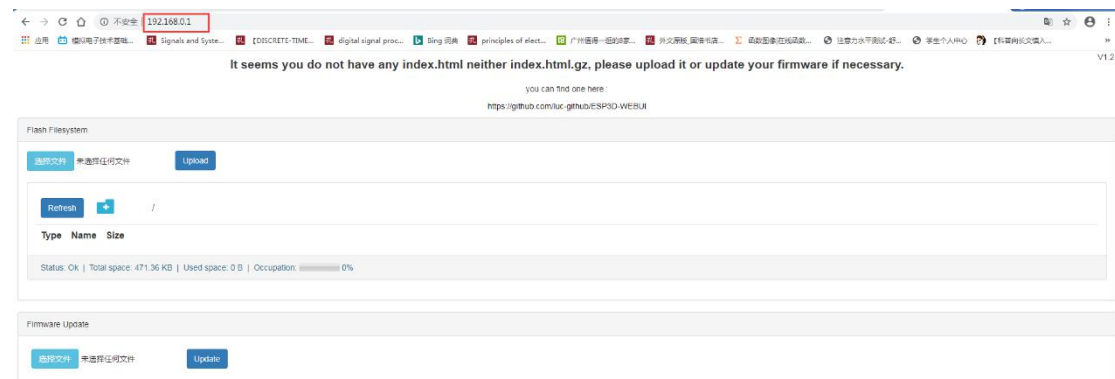

A few seconds later the display will show an IP address on the screen. (The default IP address is 192.168.0.1)
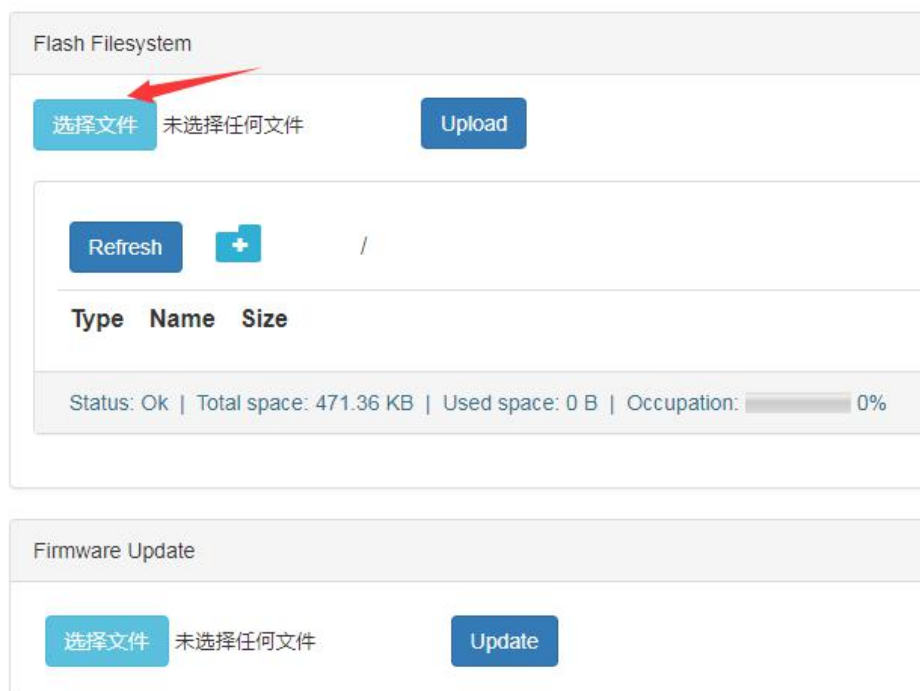

At that time a WIFI hotpot ESP3D will appear on the laptop (or any other device can receive the WIFI signal), connect it (If it need the password, the default password is 12345678)
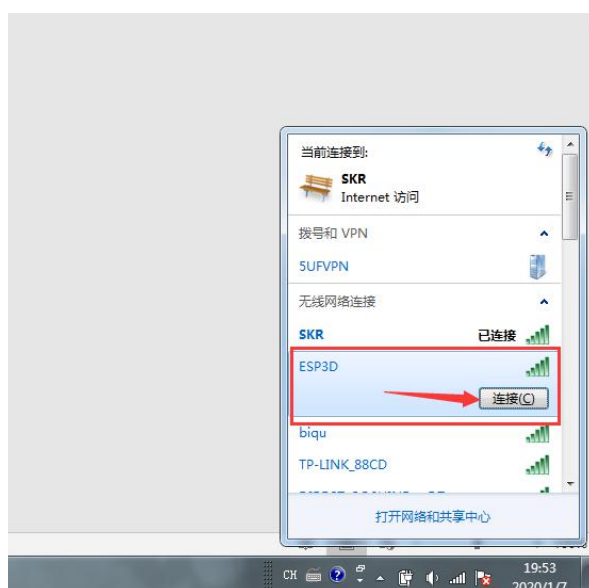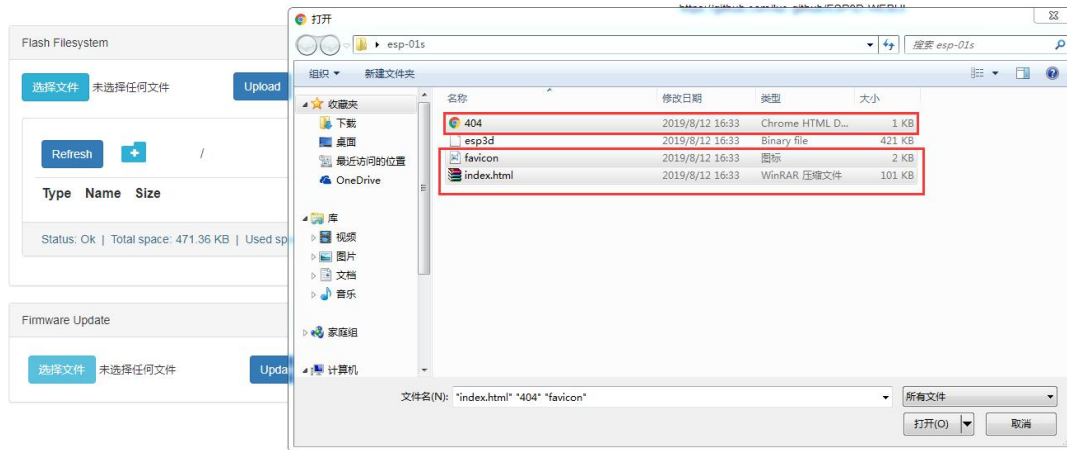
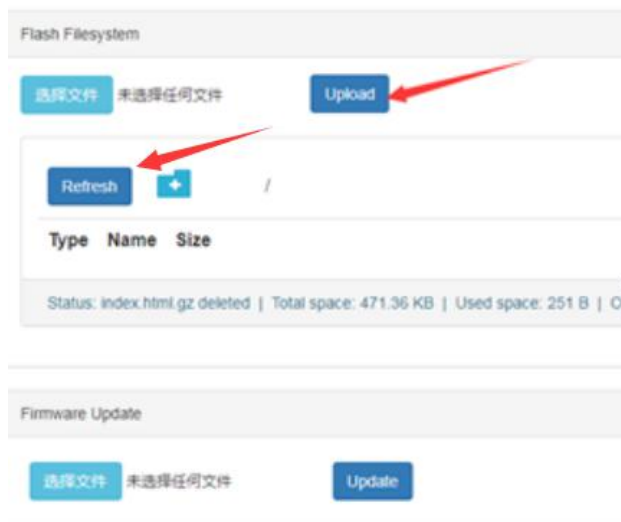Input the IP address 192.168.0.1 in explorer in laptop then enter this page.

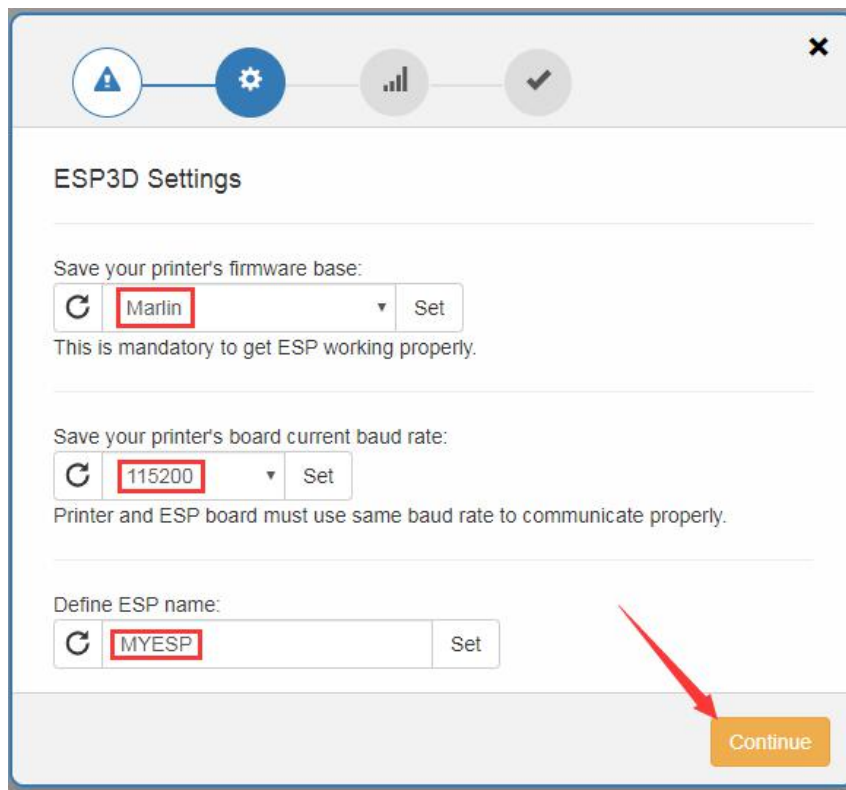Click this button then choose the 3 downloaded files

Click the "Upload" and "Refresh"

The page will turn into this wizard, set the language then click the "start setup"
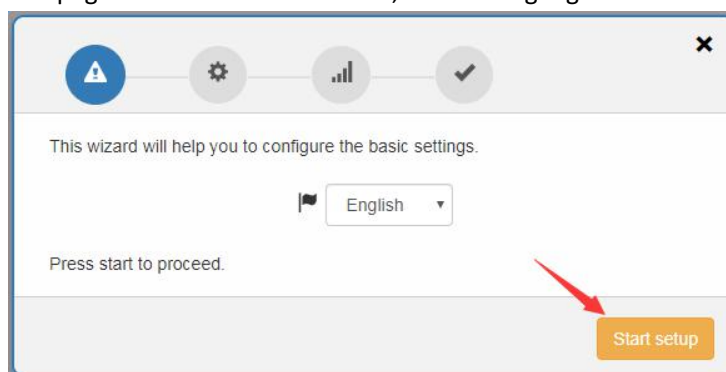
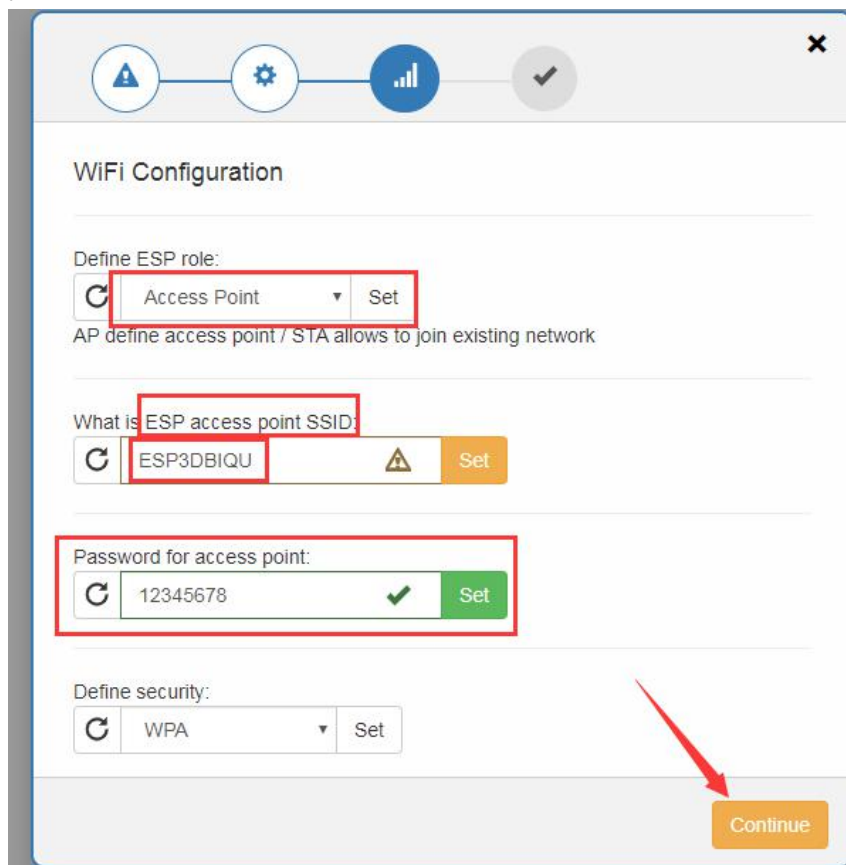ESP3D Settings: Make sure the firmware is Marlin and the baud rate is 115200, set the ESP name then click "continue"

WIFI Configuration: Define ESP role (Access Point or Client Station), set the access point SSID and password, then click "continue"

***: Define the Client Station as the ESP role:
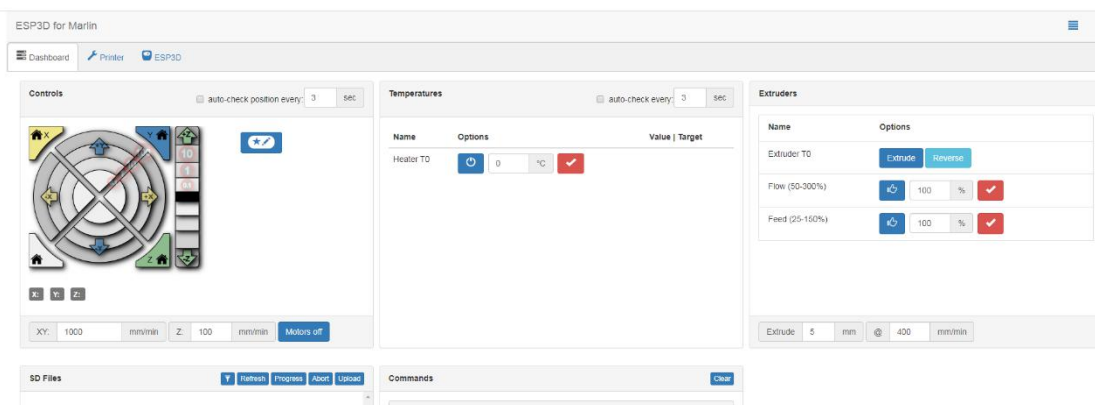
Set the lower 2 options then click "Continue"

Finally the explorer enter the ESP3D console page