WiFi Feature User Guide

V2.0

1.Upgrade firmware

Download the latest firmware from the following link and upload to control board.
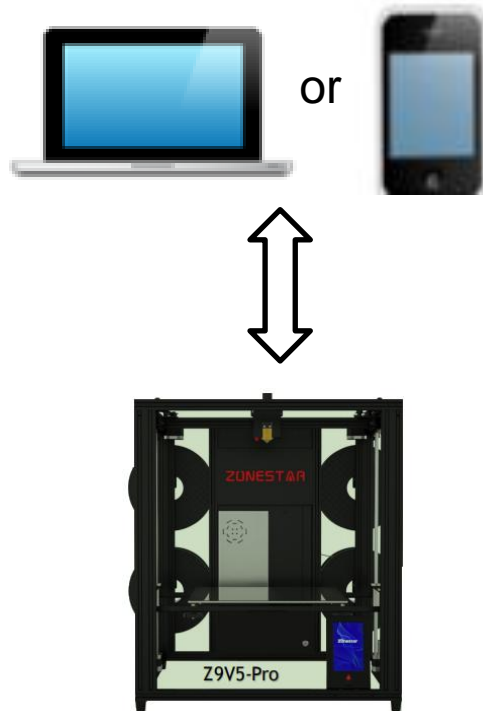https://github.com/zonestar3d

2.Hardware connection.

Refer to the following diagram to connect the WiFi Module.

ZM3E4 V2.0
Connection

ZM3E4 V1.0
Connection

version of control board

zonestar
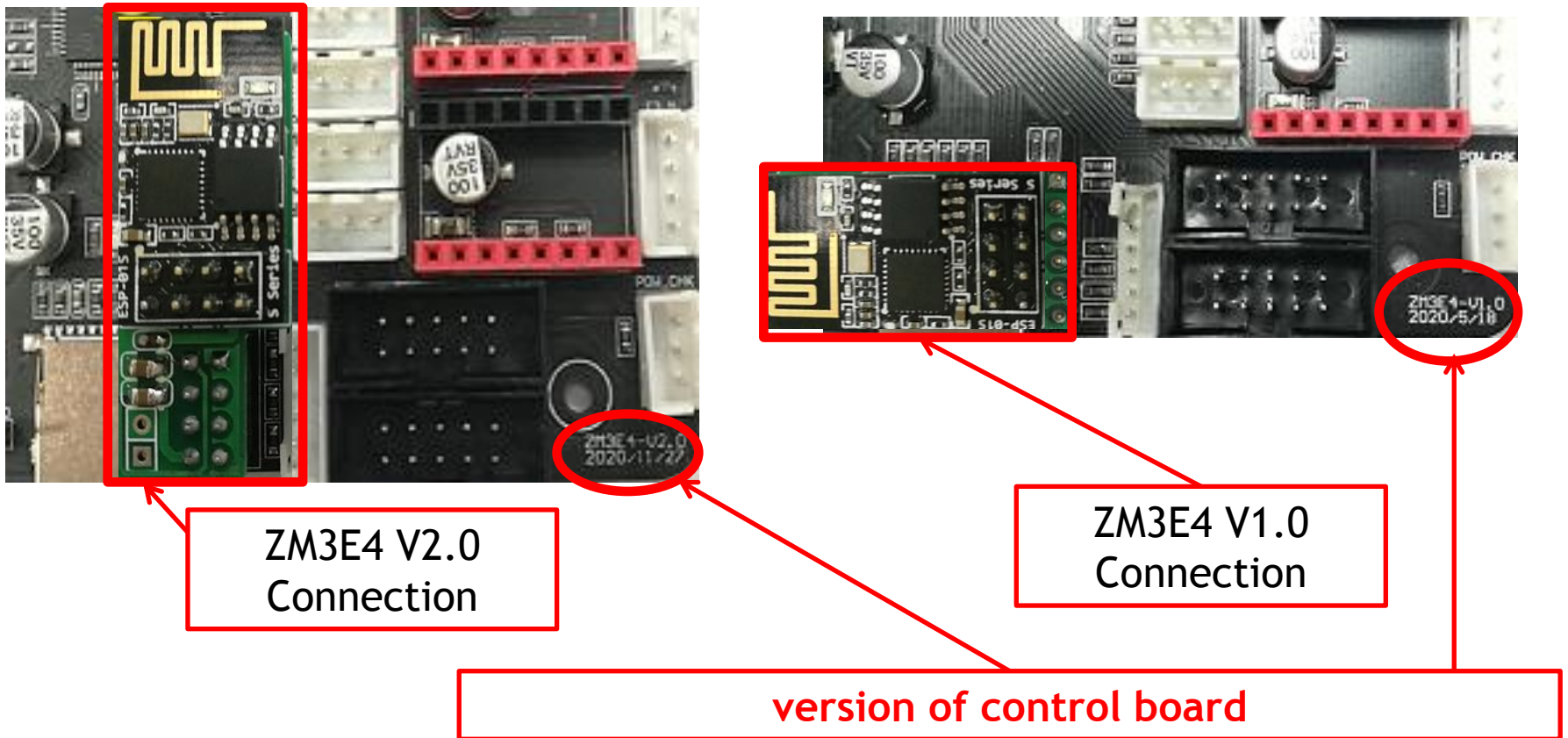
Work Mode

**Access Point (AP) mode**
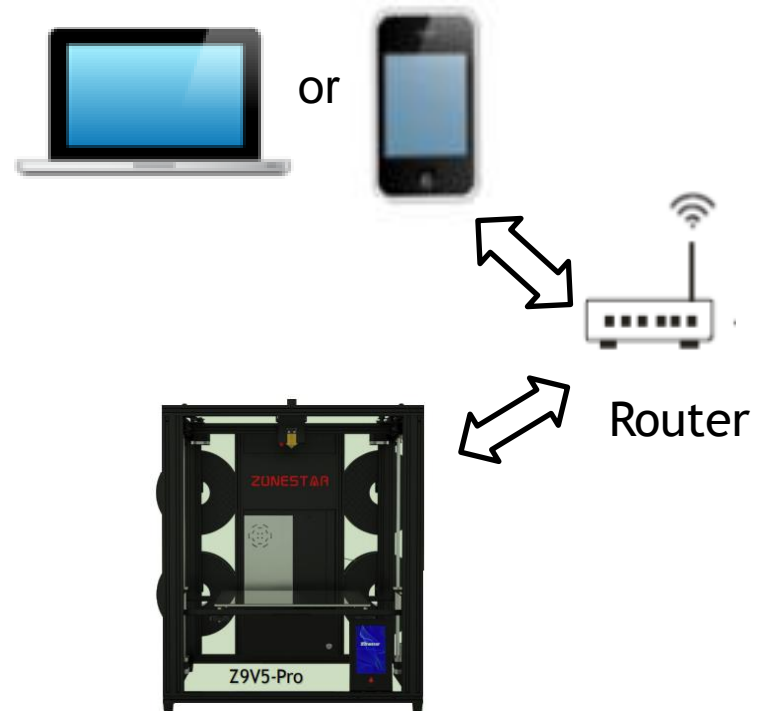
Client Station mode

Access Point (AP) mode: The control equipment (laptop, PC, mobile phone etc.) link to 3d printer directly, **when the WiFi module leave factory, it works in AP mode.**

Client Station mode: Both the control equipment and 3d printer link to router, transfer control command by router.

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Connet to printer by AP Mode

3.Operation process.

3.1: Turn on the WiFi on LCD MENU "Control>>Configre>>WiFi" (Z9V5Pro as example), after WiFi working, it will shows a IP address on the bottom of LCD screen **"192.168.0.1"**
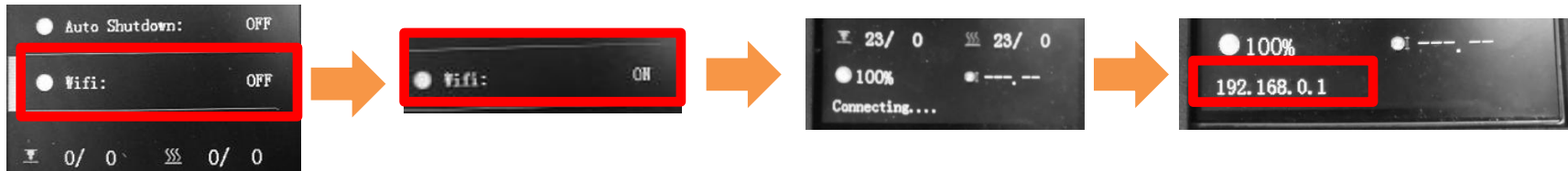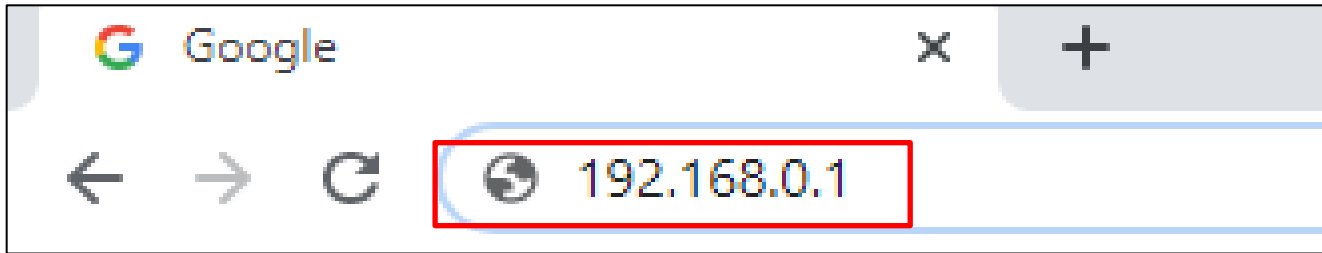

3.2: WiFi hotspot **ZONESTAR3DP** will appear on the laptop (or any other device can receive the WiFi signal), connect it (**the default password is 12345678**)
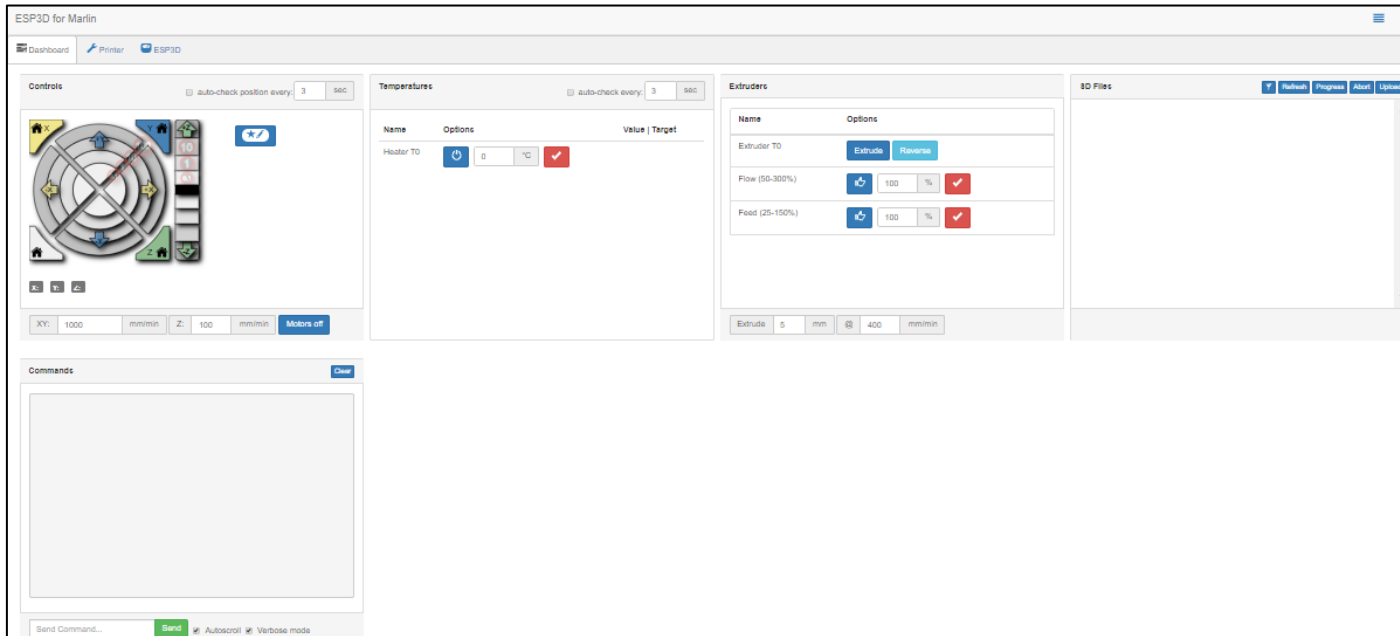
3.4: Input IP address 192.168.0.1 in the web explorer and press Enter.

3.5： the web explorer will show the ESP3D console page

4: Click "**Refresh**" **and then** select the file, click "Print ICON" to start printing.
(Make sure the SD card is inserted on the printer!)

print information display

You can also input and send gcode command from here

More about ESP3D-WebUI, please refer to https://github.com/luc-github/ESP3D-WEBUI

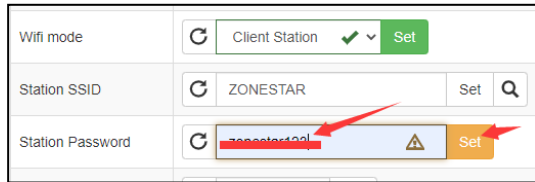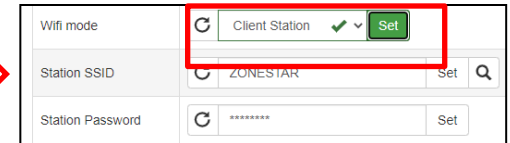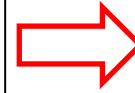## 5: Switch to **Client Station Mode**

Step 1: Enter **ESP3D-WebUI** (**refer to above steps**), fill SSID and Password of your Router, And then reset **ESP3D-WebUI** module
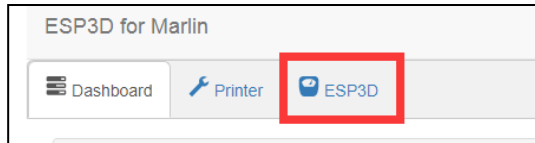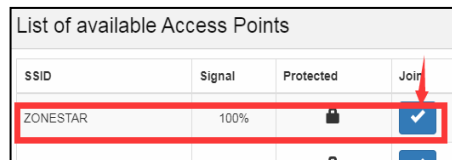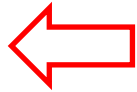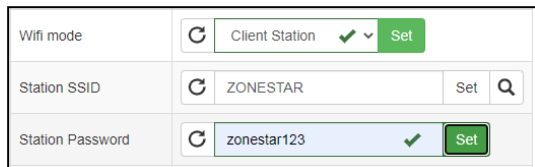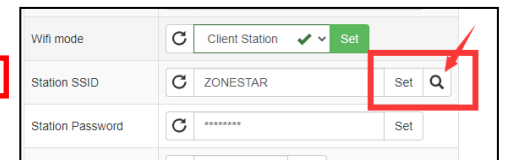

Choose **ESP3D** button
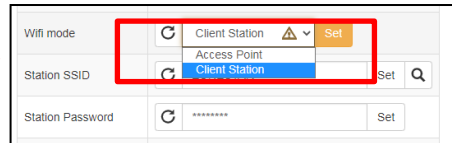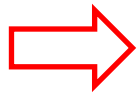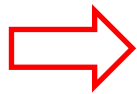
Switch "**Clinet mode**" and click "**Set**"

Input password of your WiFi

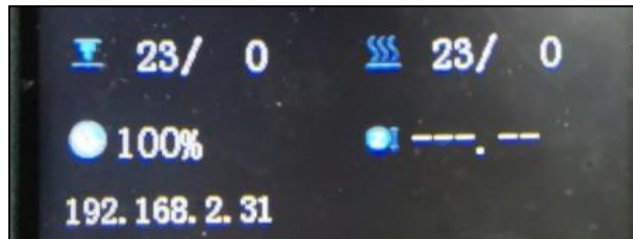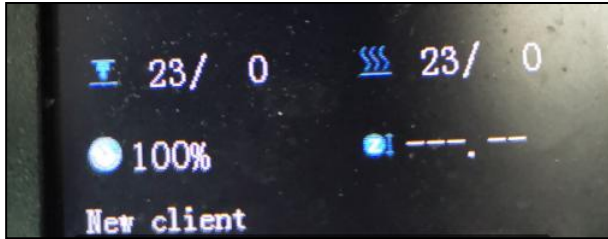Search anc choose **SSID** of your WiFi Rotuer

Click "**Set**" button after changed

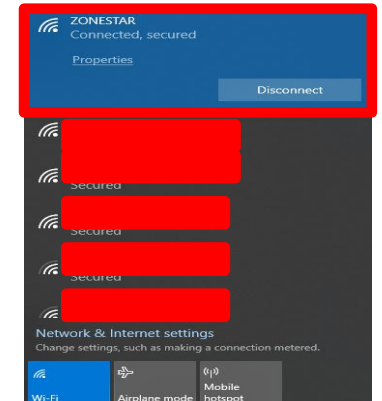Click "**Power**" button to reset WiFi module

Modify WiFi Access Mode

Step 2: After reset the WiFi module, you can see the IP address on LCD screen of Printer.

"New client" and new IP address will
show on the bottom of LCD screen

Step 3: Switch the WiFi hotpot to the SSID of your Rotuer

Switch WiFi hotpot

Step 4: Input the new IP address of your printer on the web explorer