

## **How to connect machine and app or lightBurn with WiFi (Algo OS)**

The guide helps people to know how to connect the AlgoLaser Machine and App, also the way of connect machine to LightBurn or LaserGRBL by Wi-Fi.

The tutorial contains:

connect to the app are through its phone hotspot or the LAN (2.4G only).

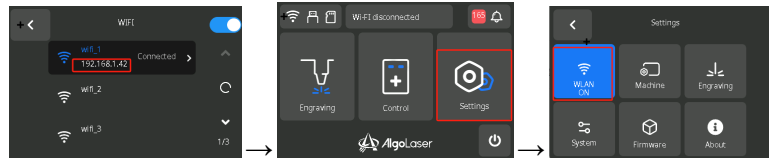
Connect to Lightburn or LaserGRBL via Wi-Fi.

## connect to the App

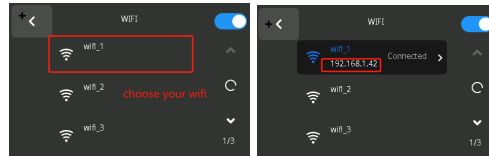
1) Click inside AlgoOS, go to Settings - wifi - select WiFi, enter the password to connect/

Note: If you use it without home WiFi, your cell phone can open 2.4G hotspot. (Cell phone setting “personal hotspot”)

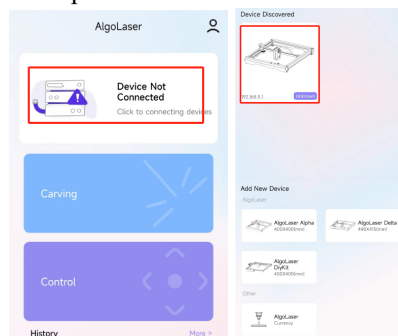
Entering the WiFi password in AlgoOS/



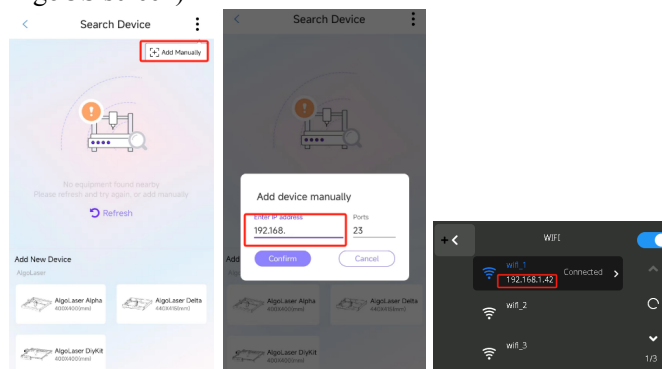
Connect successfully and observe the IP address



2) Open the application and click 'Connect' to automatically search for the machine that has issued a hotspot.



(If it is not searchable, click in the upper right corner to enter the IP address that appears in the AlgoOS screen)

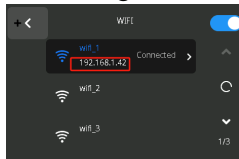


3) Click 'Connect'.

# Wireless connection method for Lightburn and LaserGRBL

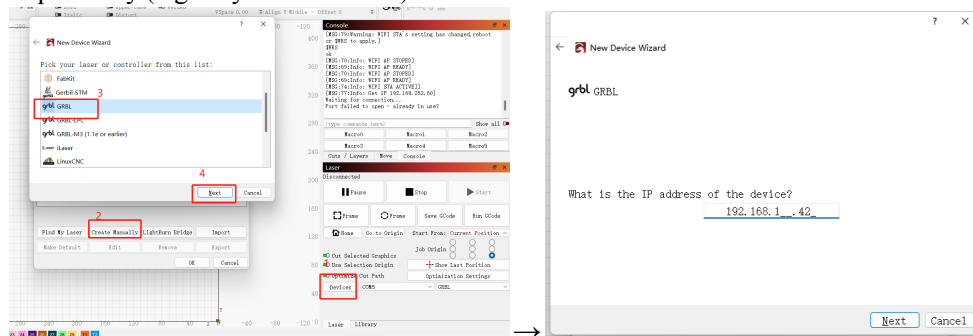
## Lightburn

Connecting to WiFi in AlgoOS and remembering IP addresses



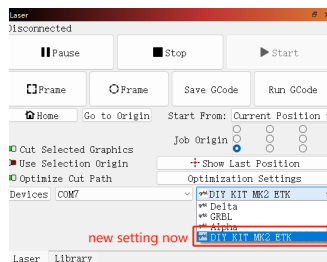
My current IP is 192.168.1.42

a) Re-add the device by clicking Device - Manual Add - GRBL - Next - TCP - enter IP respectively.(e.g.: my 192.168.1.42)

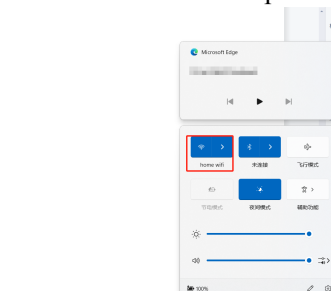


Input name-engraving area 400\*400 (440\*415 if Delta) - Next - Finish.

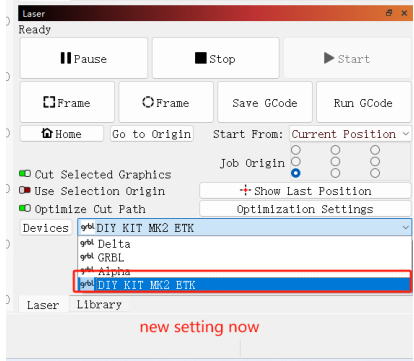
Switch the device to the TCP device with the new name.



Make sure that the computer running LightBurn is connected to the same WiFi or LAN.

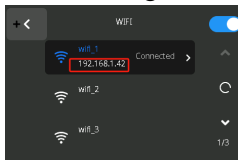


Connected successfully.

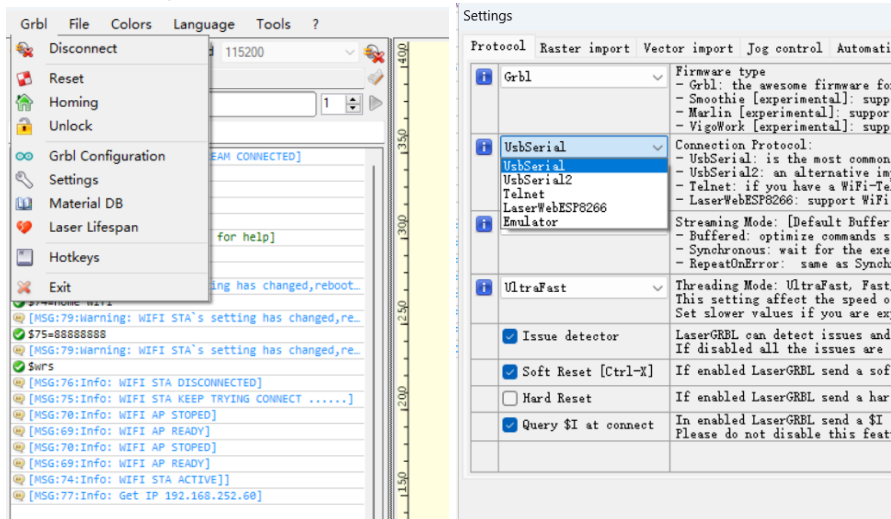


## LaserGRBL

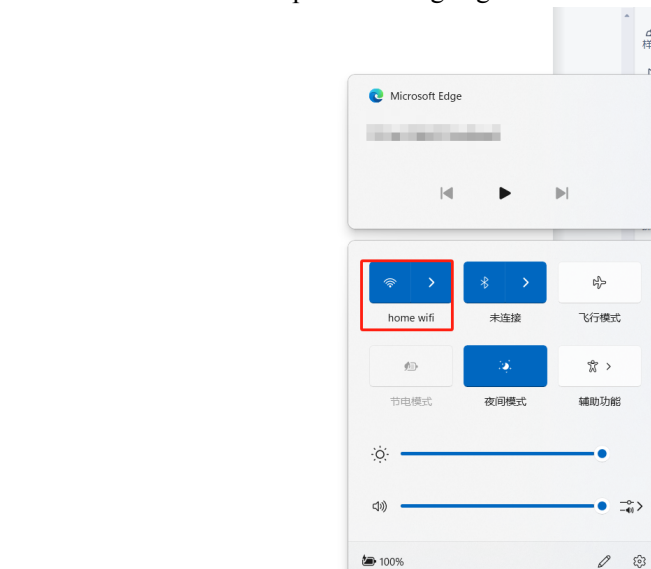
### 1) Connecting to WiFi in AlgoOS and remembering IP addresses



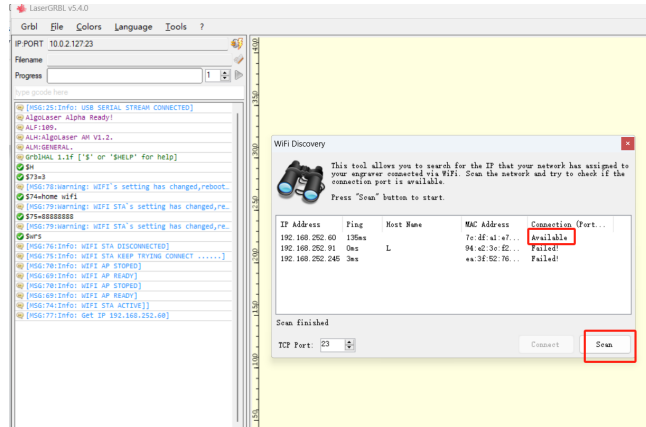
### 2) Click Setting - UsbSerial -- Telnet -- Save



### 3) Make sure that the computer running LightBurn is connected to the same WiFi or LAN.



#### 4) Disconnect - Grbl - wifidiscovers - Scan - Click 'available'



Connected successfully.

