

## Frequently Asked Questions

### 1.The smart home is unresponsive

- ①Please use 6x AA batteries for power supply, and check whether the battery power is sufficient, try to ensure that the battery voltage is above 7.5V.
- ②Please check that the wiring is correct.
- ③Before the ESP32 control board leaves the factory, there is no program related to smart home. You need to upload the corresponding program to realize the relevant function.

### 2.The computer does not recognize the USB port

- ①Please check whether the USB cable is in good condition.
- ②Please ensure that the development board driver is installed. Please refer to the file for detailed steps:  
“[Windows Tutorial for Arduino IDE Installation](#)” and “[Mac OS Tutorial for Arduino IDE Installation](#)”.

### 3.Program compilation error

- ①Have library files been added? For adding methods, see the file: “[Add libraries.](#)”
- ②Please select the correct ESP32 Dev Module and port. You can see the corresponding port of the control board in the Device Manager of your computer. If you don't have the board on your Arduino IDE, see: “[Install the ESP32 plugin in the Arduino IDE.](#)”
- ③USB power supply is insufficient. External power supply is needed. Please connect the power supply and turn on the power switch.

### 4.The doors and Windows are jammed

- ①Installation of acrylic gear should be done as required in the corresponding course according to the instructions of the tutorial.
- ②When installing the door and window acrylic plate, do not screw the self-locking nut too tightly to ensure that the door and window acrylic plate can slide.

### 5.WIFI connection unresponsive


- ①Please make sure to use it within WIFI coverage and ensure that the Internet speed is normal.
- ②Please make sure that the SSID and PASSWORD in the relevant WIFI control program are modified.

③When using a mobile phone or computer for WIFI control, make sure that the mobile phone or computer is connected to the same WIFI as the ESP32 control board.

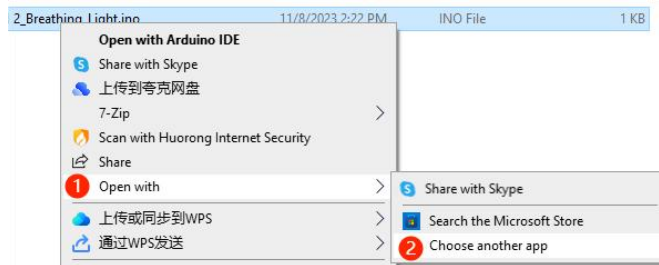
④When the second line of the LCD screen says "Wifi failed! indicating that the WIFI connection failed, pay attention to check whether the SSID and PASSWORD in the WIFI control program have been changed.

## 6.The hyperlink to the program cannot be opened

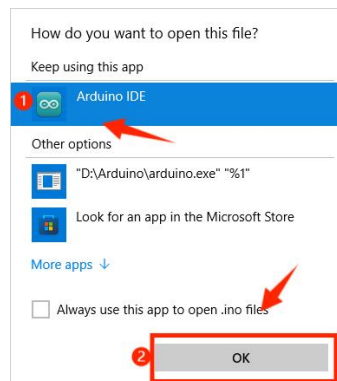
When the program hyperlink in the tutorial fails to open, it indicates that the program file does not specify the software to open. You should see the program file

look like this:  1\_LED.ino. This can be modified by following these steps:

①After selecting the app file, you need to select "Open with" in the feature selection, and then "Choose another app"



②Select "Arduino IDE" and click "OK".



## 7.No response from APP after connecting

①Make sure the APP control function is uploaded.

②Make sure to connect to the correct IP address in your APP.

③Make sure your phone and ESP32 control board are connected to the same WIFI.

④The App supports multiple devices to connect at the same time, but do not control them at the same time, otherwise it is easy to drop the connection.

⑤If the App fails to respond after a period of time, restart the App.

## 8. Blue screen after connecting USB

USB power supply is insufficient, external power supply is needed, please connect the power supply and turn on the power switch.