




WeMos D1 R2 Setup

You will now want to obtain the WeMos D1 hardware. A list of materials can be found on the website www.excellentinsights.net. After hardware is obtained, follow the steps below to install software and transfer program to the WeMos D1.

Arduino Software and Program Install

1. After hardware is obtained, download the Arduino Software from <http://arduino.cc/en/Main/Software>

*Note: use Arduino software version 1.6.8 or newer. The software can be installed on a PC.
2. Connect WeMos D1 R2 usb to pc.
3. Start Arduino Application by clicking the Arduino application icon. 
4. Download the WeMos D1 code by going to; <http://www.excellentinsights.net/home-automation.html>
5. Once download is complete go to the Arduino software Click File > Open and select GarageWeMosD1.ino
6. Click Open. A new window with the code will open up.
7. Scroll through code and update the network id name, network password, static ip address, gateway address, and subnet address. You can find the gateway and subnet ip addresses by going to command prompt in windows and typing ipconfig and present enter.
8. Click the save button. 
9. Click Tools > Board > WeMos D1 R2 and mini.
10. Click Tools> Port and select appropriate port to communicate with your WeMos D1 R2.
11. Click upload button. 

NOTE

Supporting files can also be found at www.wemos.cc.