

Connecting the Firefly to WiFi

The first time you use your firefly you'll need to provide the WiFi credentials for it to connect to.

When you turn on Firefly it is going to create a new WiFi spot with the name Firefly followed by some hexadecimal characters, connect to it and open any browser, write 192.168.4.1 in your address bar and hit enter the browser will ask for credentials, the user is "user" or "pi" and the password is "pass", you should see Firefly's web interface and there you will be able to press on the Settings button and input your WiFi credentials.

The next time you reset the Firefly it should connect to WiFi and after a few seconds it will show its IP on the OLED display, so you can connect to your local WiFi and then type the address shown on the display to access the Firefly's control panel.

If you downloaded the free demo software and are using it without an OLED there is a couple of ways to find out the Firefly's IP address. The easier way I think is by listening to UDT messages in port 1234, firefly broadcasts there every 10 seconds and it lists its IP. This might sound complicated but its a matter of downloading any UDP monitor app, there are plenty of options for all platfoms. Also the monitoring can be done from windows, mac and linux terminals by using the `nc -kluvw 1 1234` command.

The second way to find Firefly's address if you don't have an OLED display is to enter your router credentials and look at the connected devices for a device called Firefly and its assigned IP. Of course for this method you need access to your local network router.