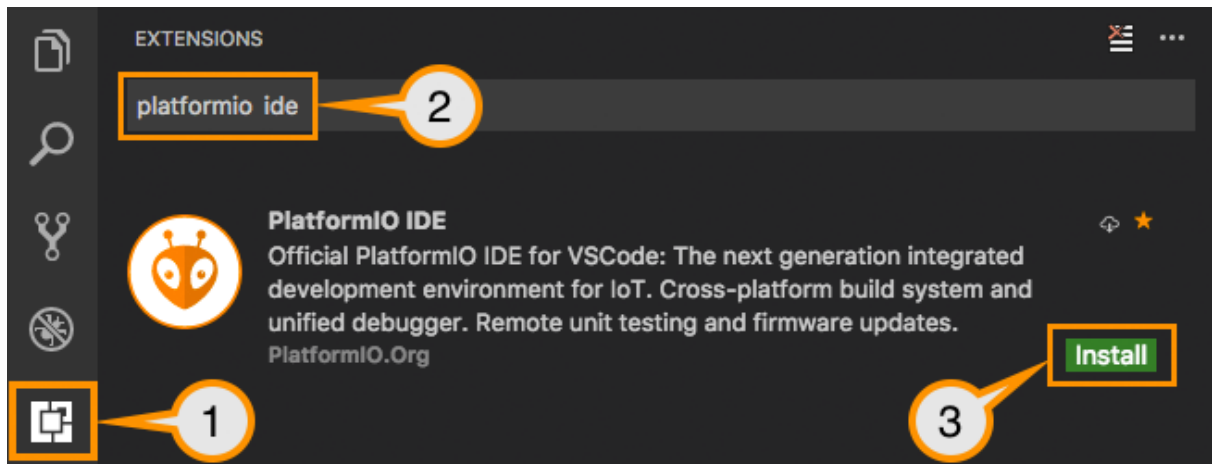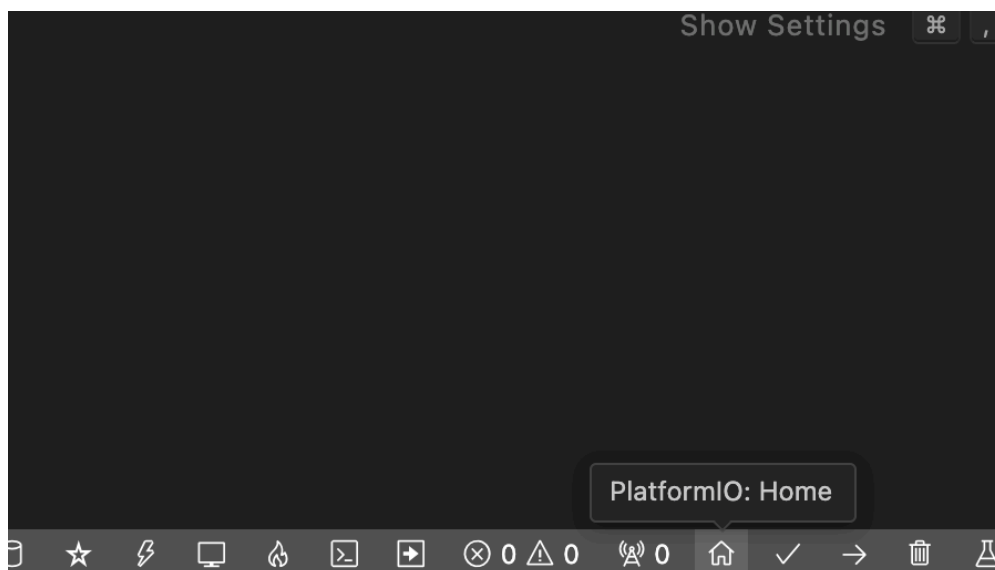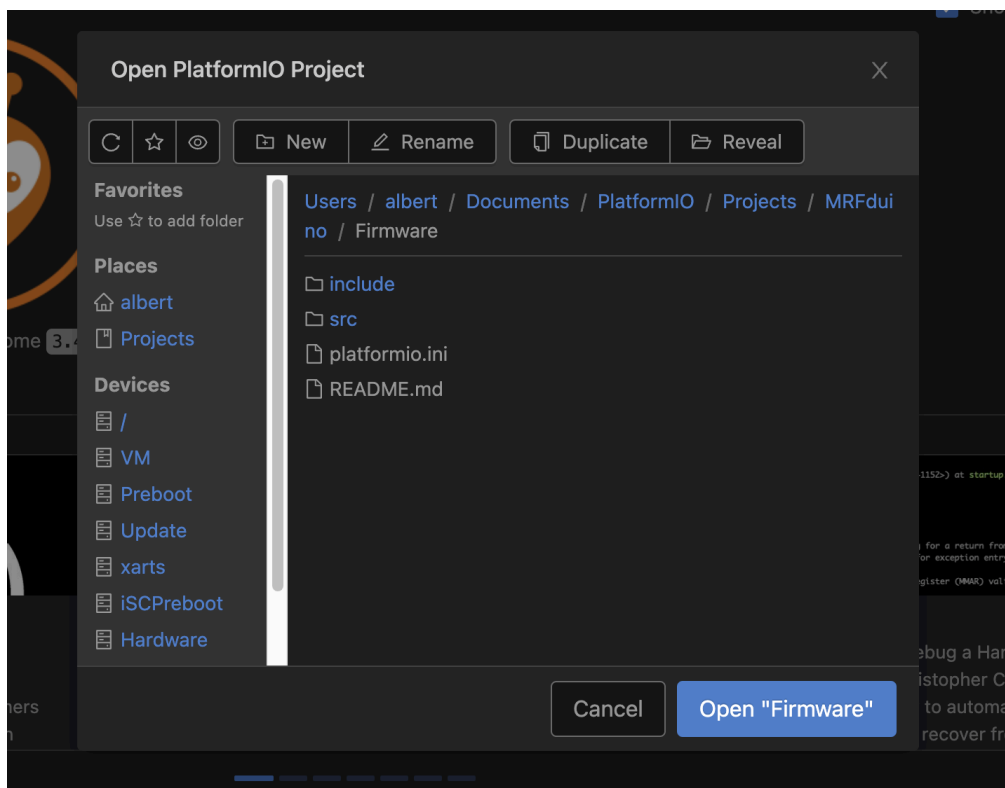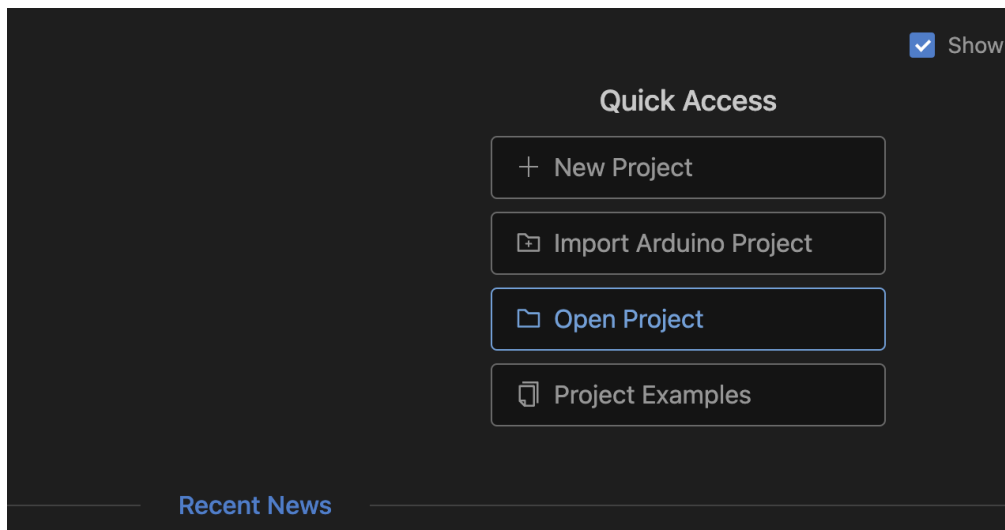# How to flash the MRF firmware

- [Download and install](#) VS Code for your platform
- **Open** VSCode Extension Manager
- **Search** for official [PlatformIO IDE](#) extension
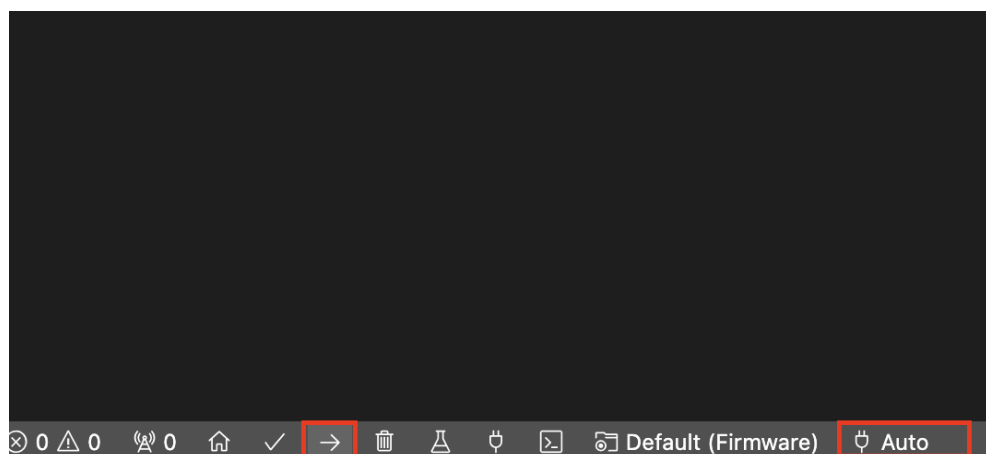- **Install** PlatformIO IDE.

Now open the "Firmware" folder as a project from PlatformIO home (which can be reached by clicking the little Home icon in the bottom toolbar).

Switch on and connect your MRF to the computer using a USB-C cable.

Make sure "Auto" is selected for the serial port, then click the "Build & upload" button on the bottom toolbar menu.

Watch the magic as the firmware is built and uploaded (if all goes well).

Once done, disconnect your MRF from the computer, switch it off, then on again and you should see the camera boot up on the external display.