



Ikea Vindriktning ESP8266



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Summary

Simple case for your Ikea Vindriktning and ESP8266-Wifi.

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[airqualitysensor](#)

This project is not finished and i'm still working on it to integrate more sensors in the housing. To use this project you need to test and improvise at some stages..

Basically you need to buy a Ikea Vindriktning and a esp8266 mini. You need the air quality sensor and the front cover from the Vindriktning.

The main idea is to connect the Cubic PM1006 to the ESP and read the air quality and send it to MQTT. Also a couple of leds would be good :)

Currently there is no project out there that connects the Cubic directly to the ESP. Need to find some time to look into it.

Let me know your thoughts.

Things i consider in the future:

- add additional gas sensor (CS811)

- maybe a battery for mobile use?

Model files



case.stl



backcover.stl

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