

## PIR-Sensor / Motion detector with Arduino Nano

B Buzz

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### Summary

Small housing for an Arduino Nano and a PIR-Sensor / Motion Detector to control a LED-strip automatically cover for...

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[ledlight](#) [pirsensor](#) [sensor](#)

Small housing for an Arduino Nano and a PIR-Sensor / Motion Detector to control a LED-strip automatically

cover for ceiling mount with screws or cable ties, connect cover and housing with two M4x10 and hex nuts

Designed for a Arduinino Nano with Micro-USB and a 2€ PIR sensor

link fir Sensor: [https://www.az-delivery.de/products/bewegungsmelde-modul?\\_pos=1&\\_sid=e42734224&\\_ss=r](https://www.az-delivery.de/products/bewegungsmelde-modul?_pos=1&_sid=e42734224&_ss=r)

STL and STEP-Files, if you want to modify it.

Also added the complete assembly as .STEP, including PCBs and screws

can be print with almost no support

**In my print the slot for the Nano-PCB was too tight, I had to widen it a bit with a cutter knife. Will upload a better version the next days.**

Have fun -

Sebastian

Category: Electronics

## Model files



**large\_display\_arduino2bpir\_cover\_255232.stl**



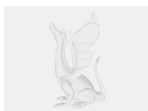
**arduino\_pir\_cover.stl**



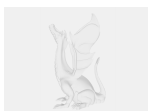
**arduino\_pir\_cover.step**



**arduino\_pir\_housing.stl**



**arduino\_nonanopir.step**



**arduino\_pir\_housing.step**

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com/thing/255232)

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