

Assembling the peripherals module

Things you will need

- Assembled board
- GPS module
- PIR module
- Connection Wires

ID	Qty	Wires	Comment
GPS	1	4	Board RX to GPS TX, Board TX to GPS RX
PIR	1	3	

Double-check the pin order and polarity of all connections before you power up the device.

- 3D printed case parts
- Additional parts

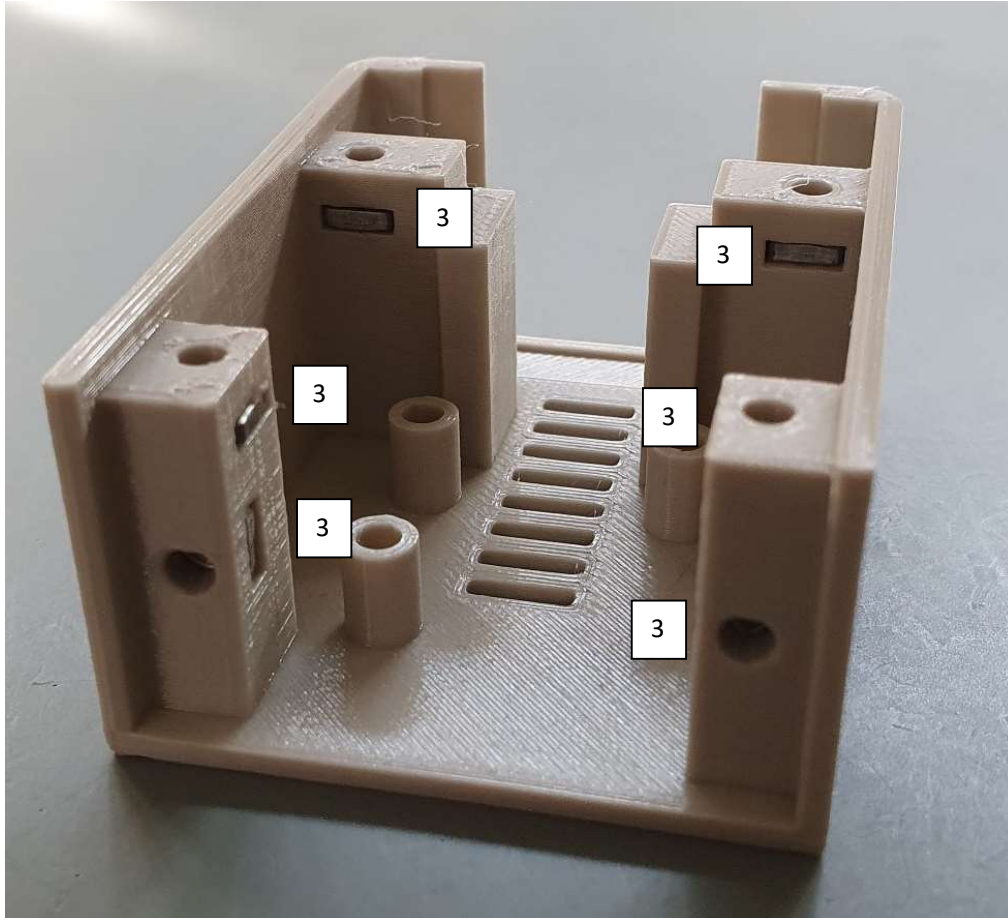
ID	Qty	Description	Comment
1	6	Pan head screw, 10mm, M3	
2	3	Screw, 12mm., M3	
3	6	Square nut, M3, 5.5 x 5.5 x 1.8mm, DIN 562	
4	3	Hex nut, M3, DIN 934	
	4	Rubber foot	



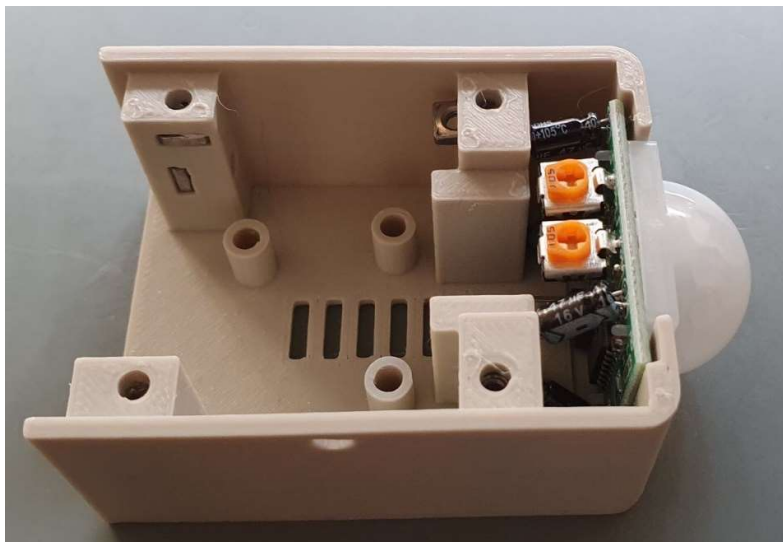
Assembly

Please don't over tighten the screws, it's PLA.

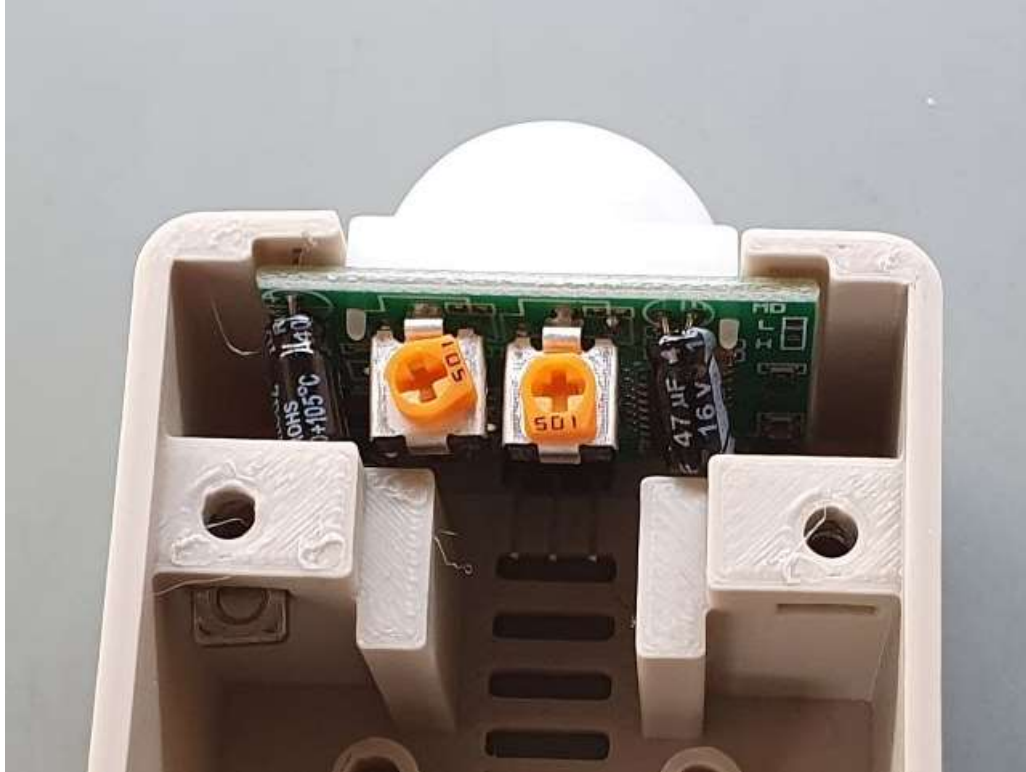
Place all square nuts



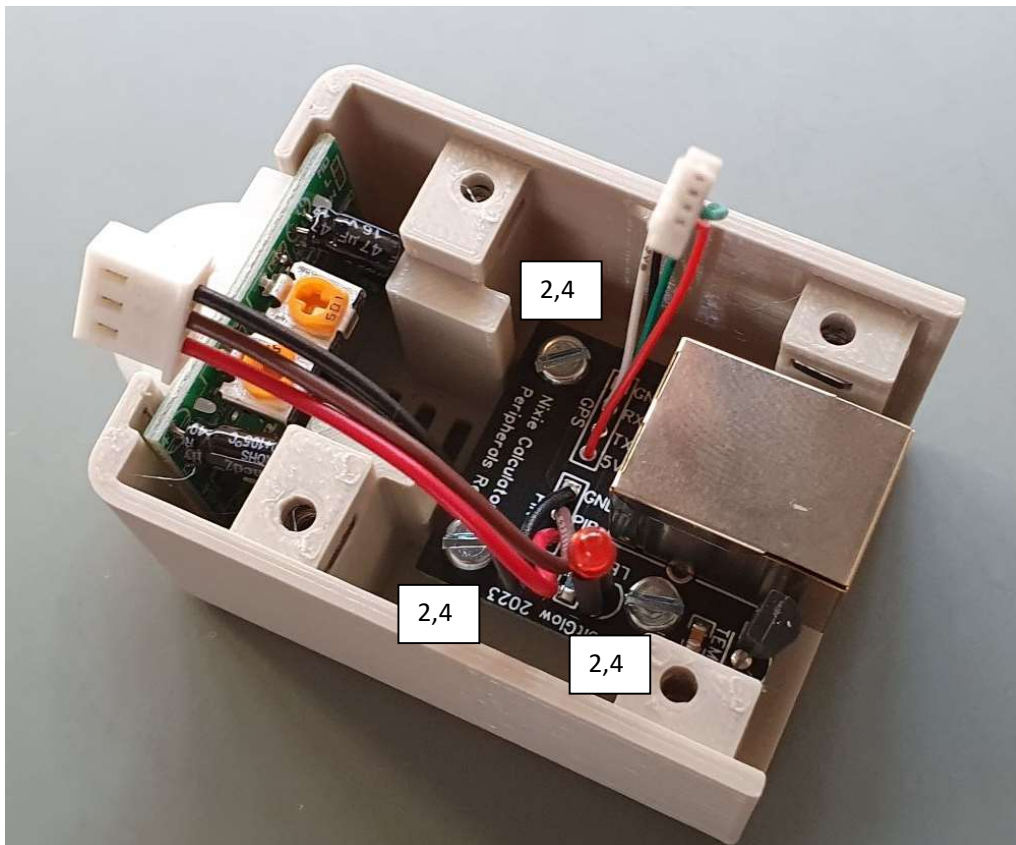
Insert the PIR module



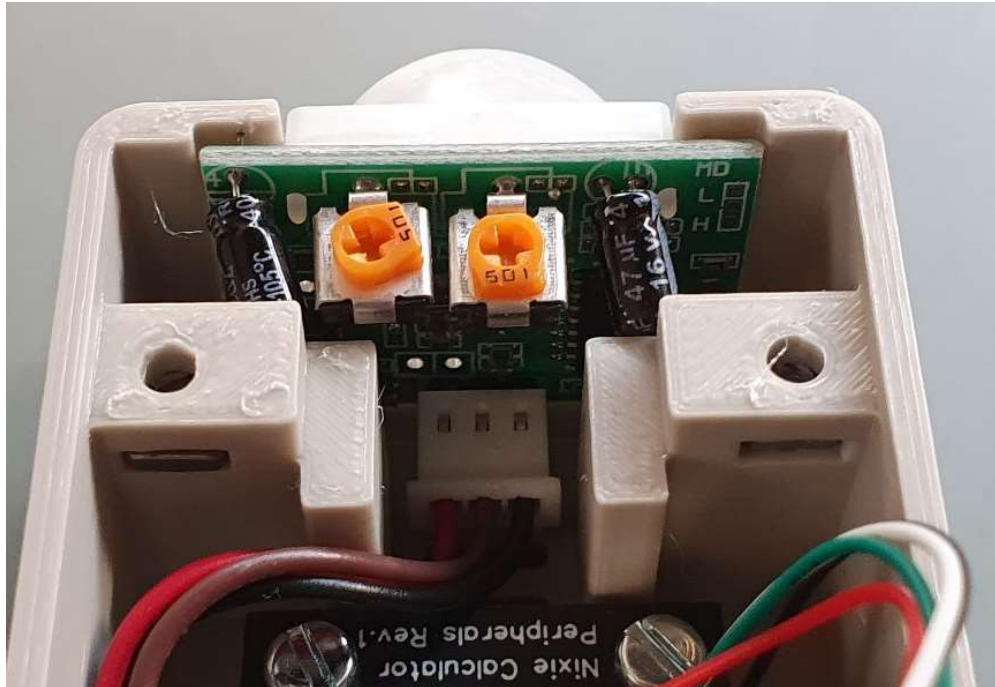
Adjust the variable resistors



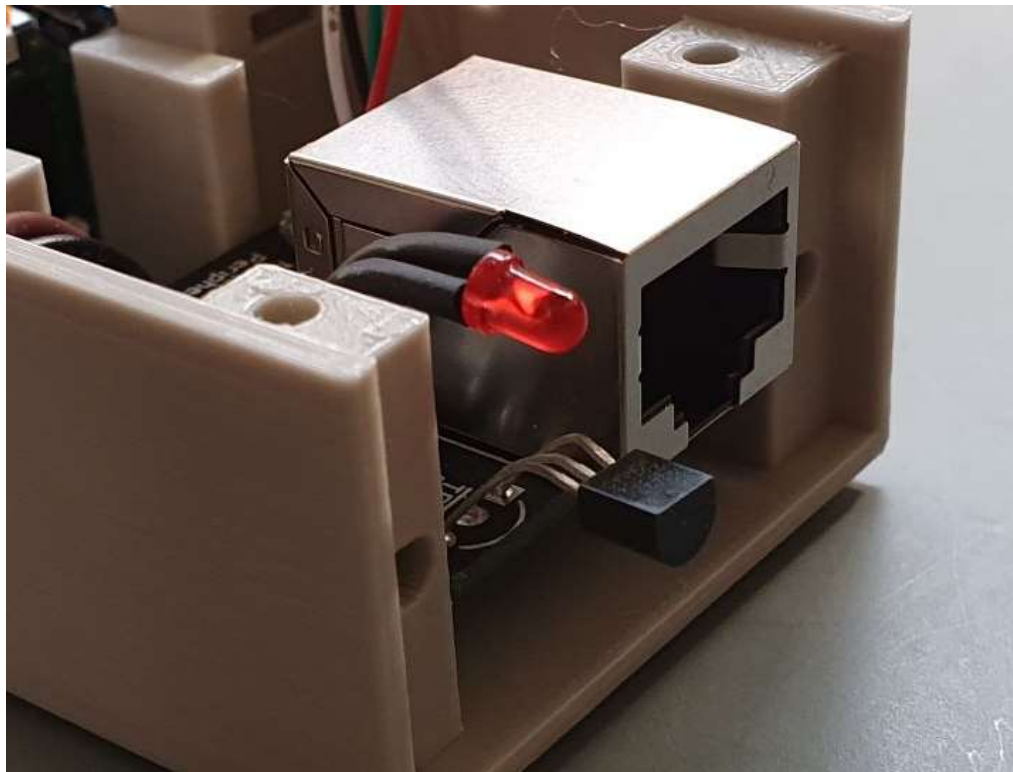
Mount the board



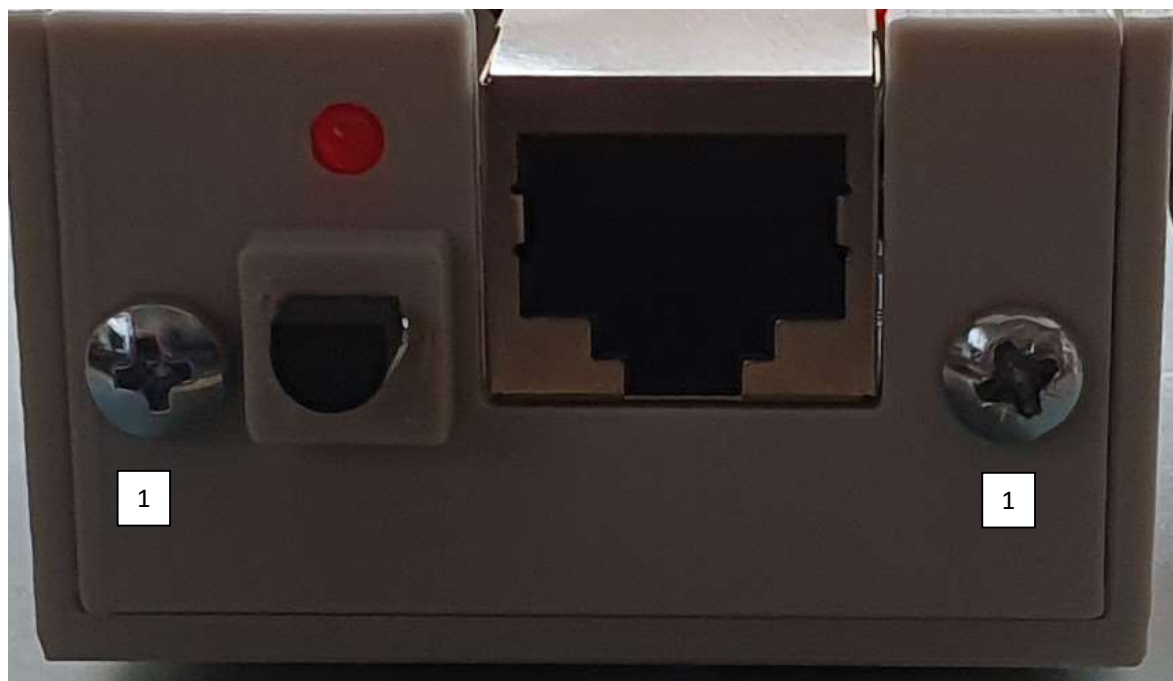
Connect PIR



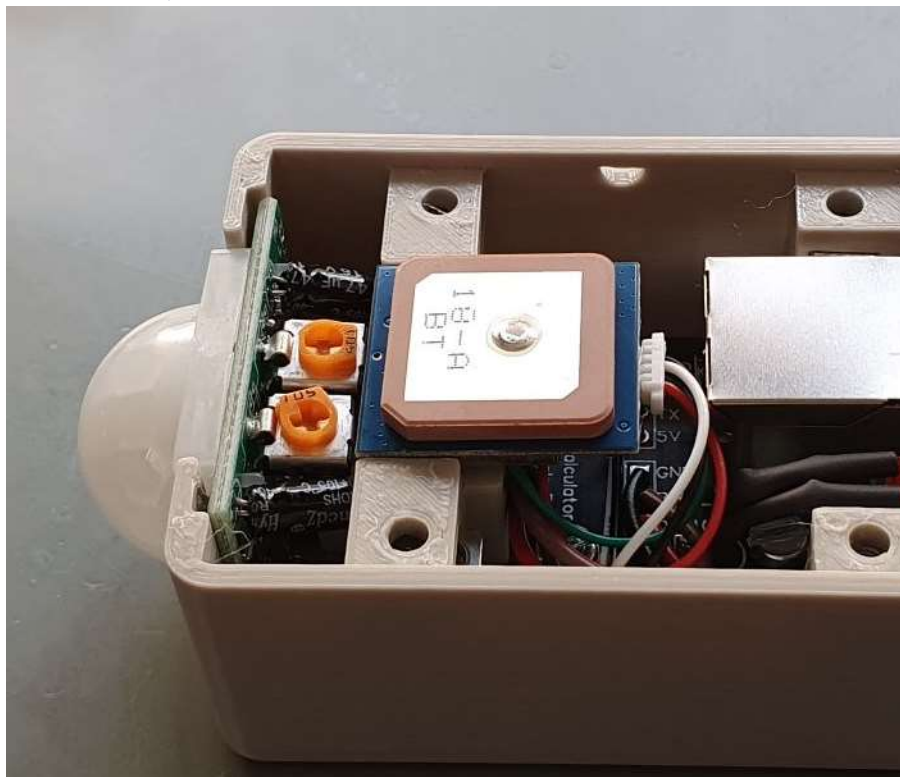
Bend the LED and the temperature sensor



Install the back shield



Connect and place the GPS module



Install the top shield



Place the rubber feet

