

# ALP-960S Quick Assembly Guide

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## Tools Needed:

1. Phillips Screwdriver Size PH1
2. Phillips Screwdriver Size PH2
3. Mini Flathead Screwdriver
4. Small Hammer / Whacking Device for Pilot Holes.

## Tools:



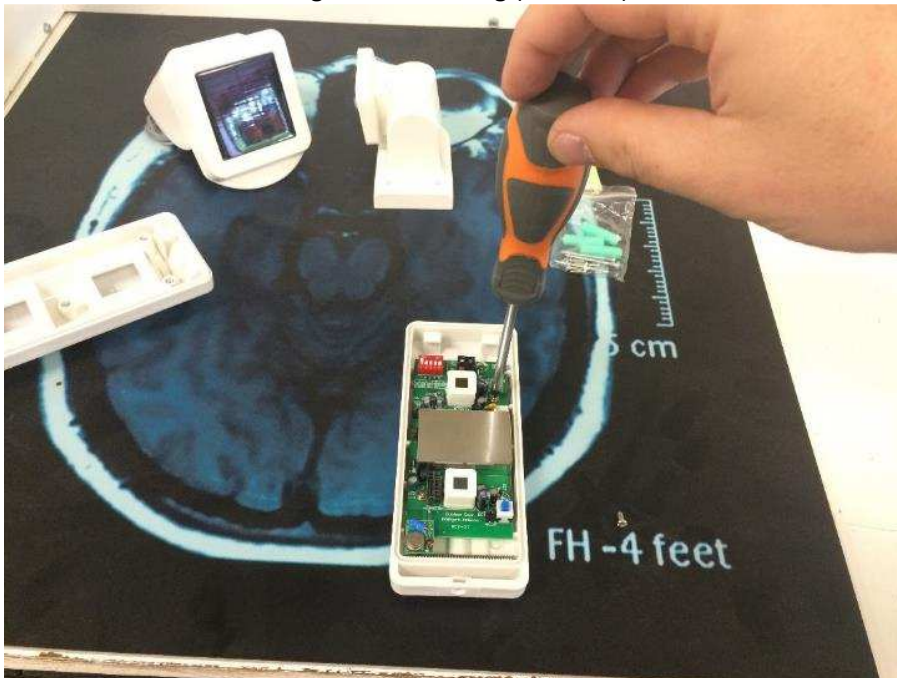
## System Components: Solar Hood, PIR Sensor, Mount and Battery



Remove Phillips Screw (PH2 Size) from Bottom:



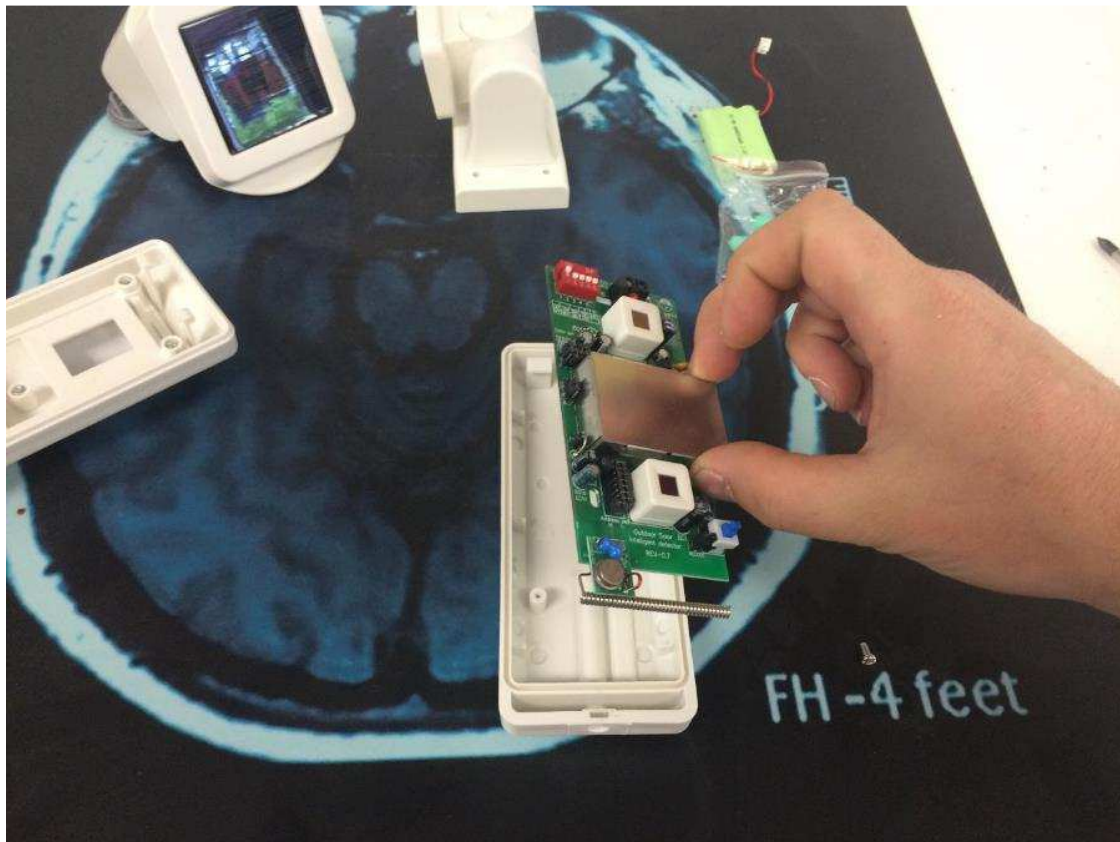
Remove 2 screws mounting PCB to Housing (PH1 Size):



Screw Location 2:



Remove PCB and set aside:



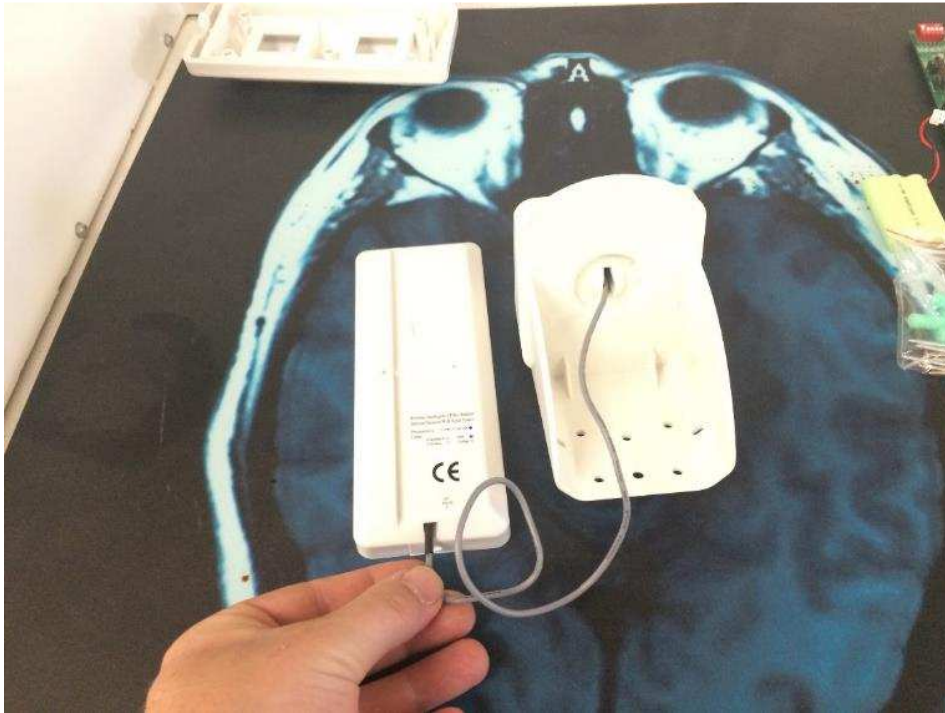
Use a long screw and hammer to punch a pilot hole in center of 4 locations:



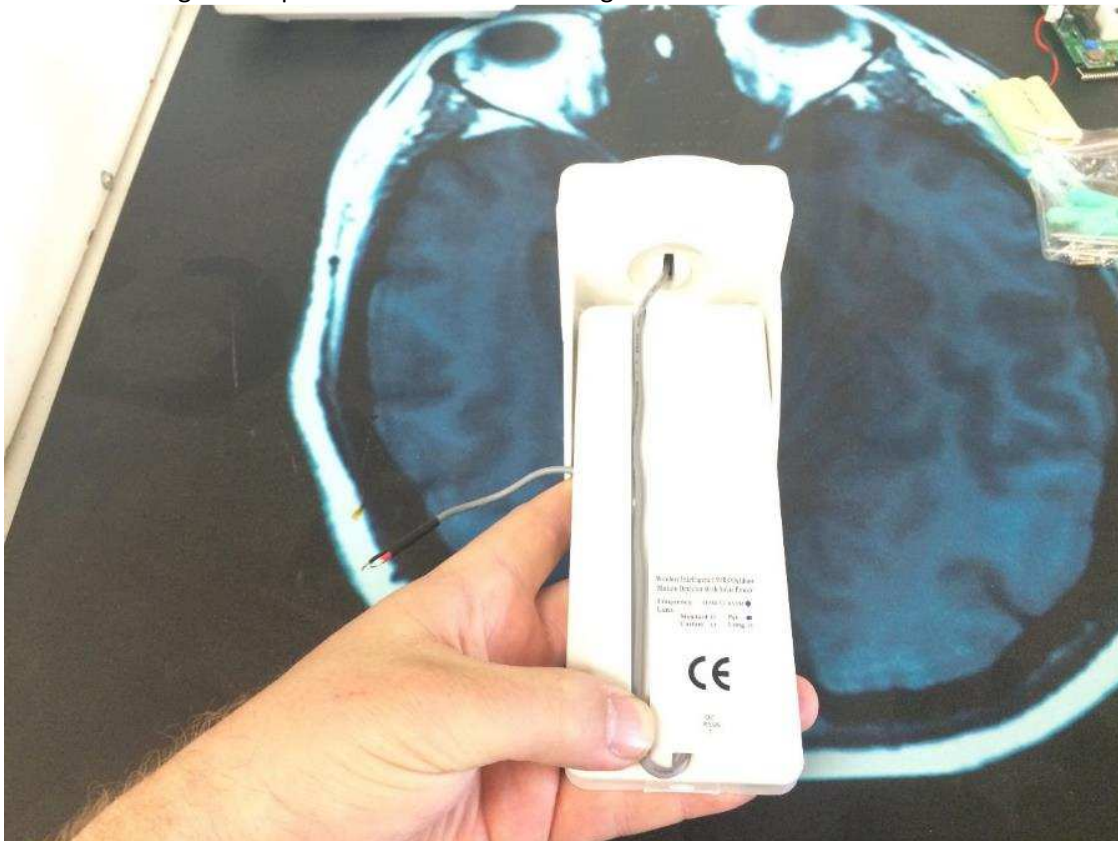
Get screws ready to mount to back mount by screwing in 1/8"  
Use PH2 Screw Driver on Large Screw and PH1 Screwdriver on 3 smaller screws.



Insert Solar Panel Cable into hole at bottom of PCB housing:



Run wire through cable path on back of PCB Housing:



Make sure PCB housing sits properly under Solar Hood (No Cable interference):



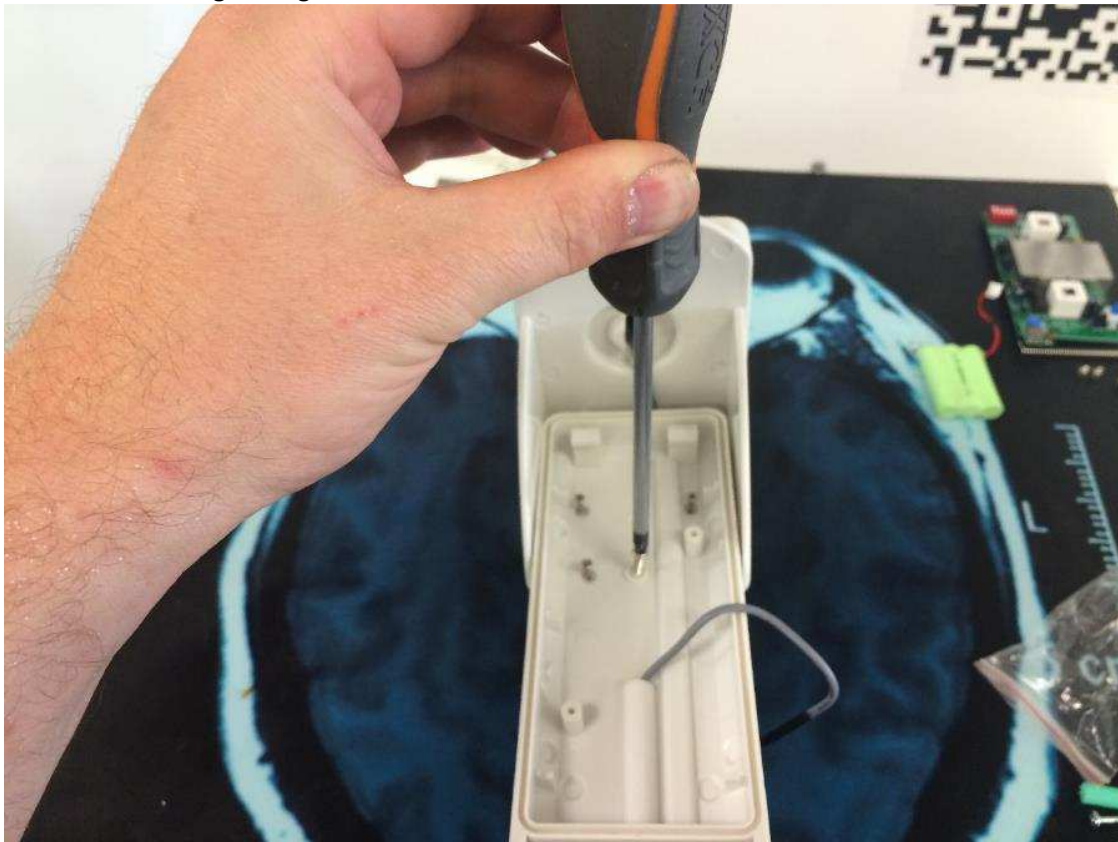
Looking good:



Test fit rear mount:



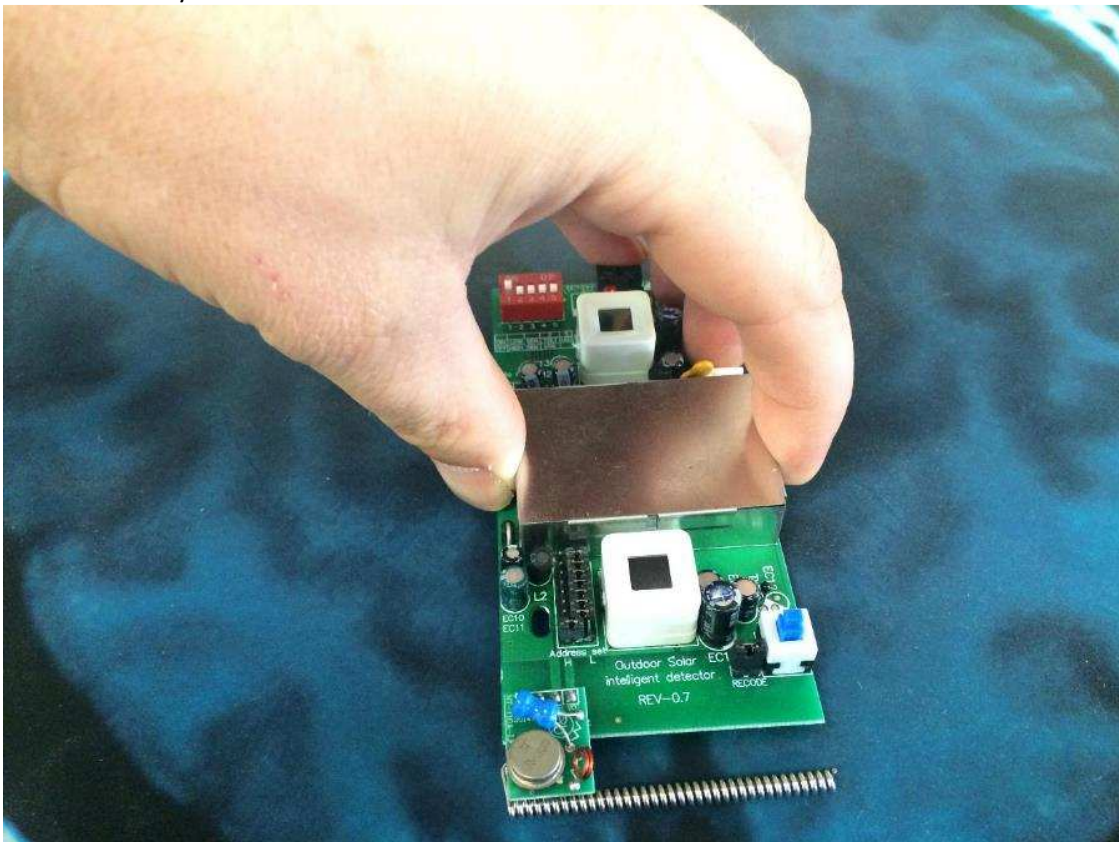
Screw PCB Housing through Solar Hood and into Rear Mount:



Hood Attached:



Remove Battery Cover of PCB:

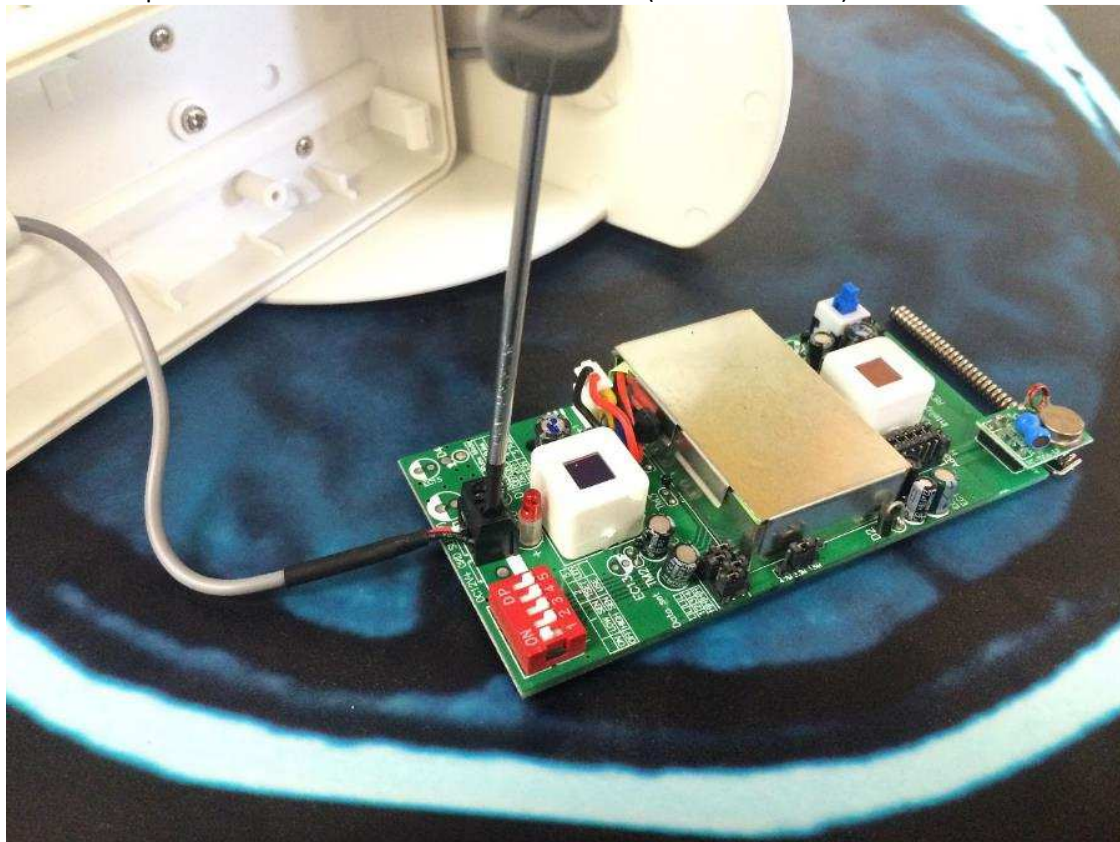




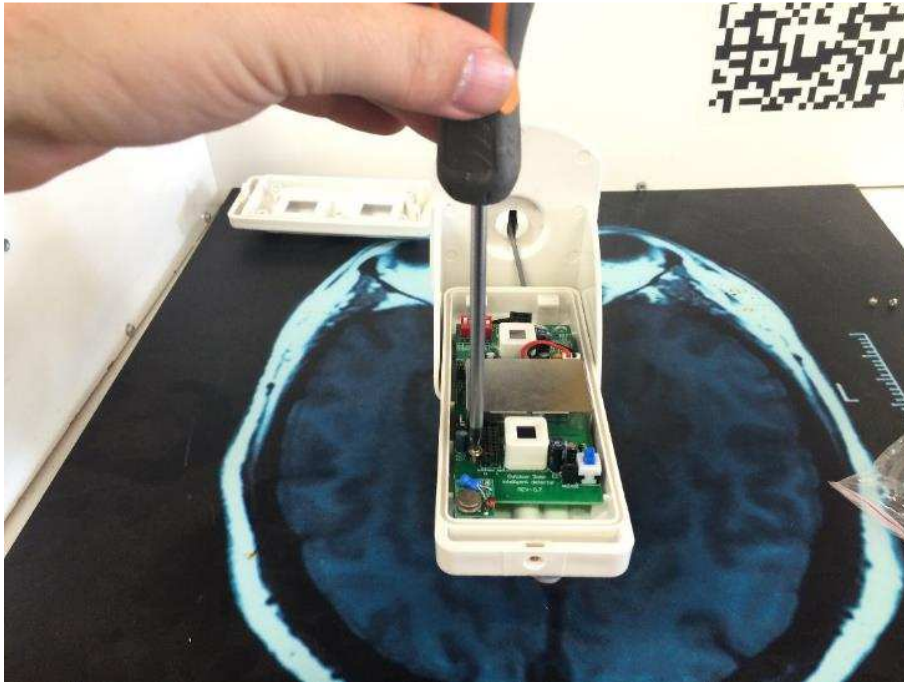
Insert Battery, Plug in Header and Replace Cover:



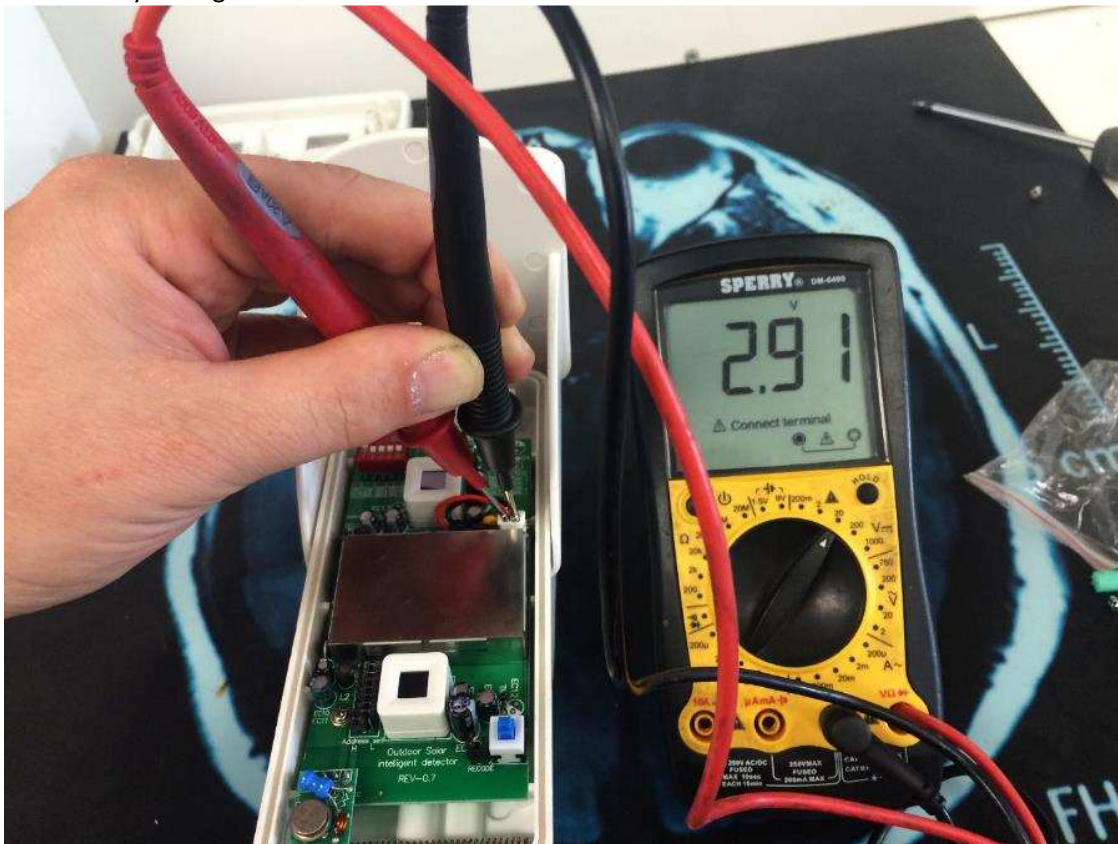
Screw solar panel wires with mini flathead screwdriver (Black to Ground):



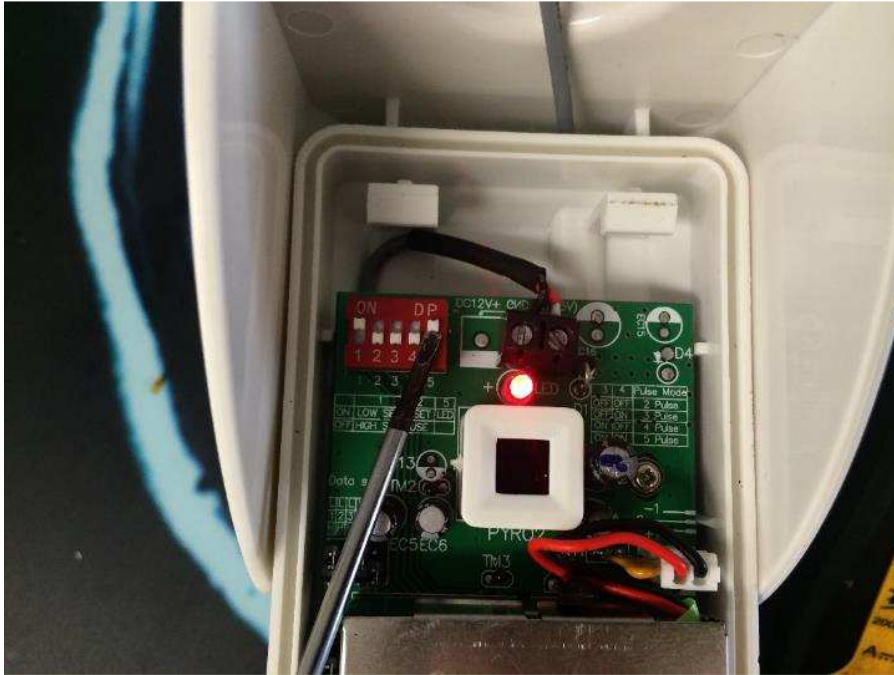
Mount PCB into housing with PH1 Screwdriver:



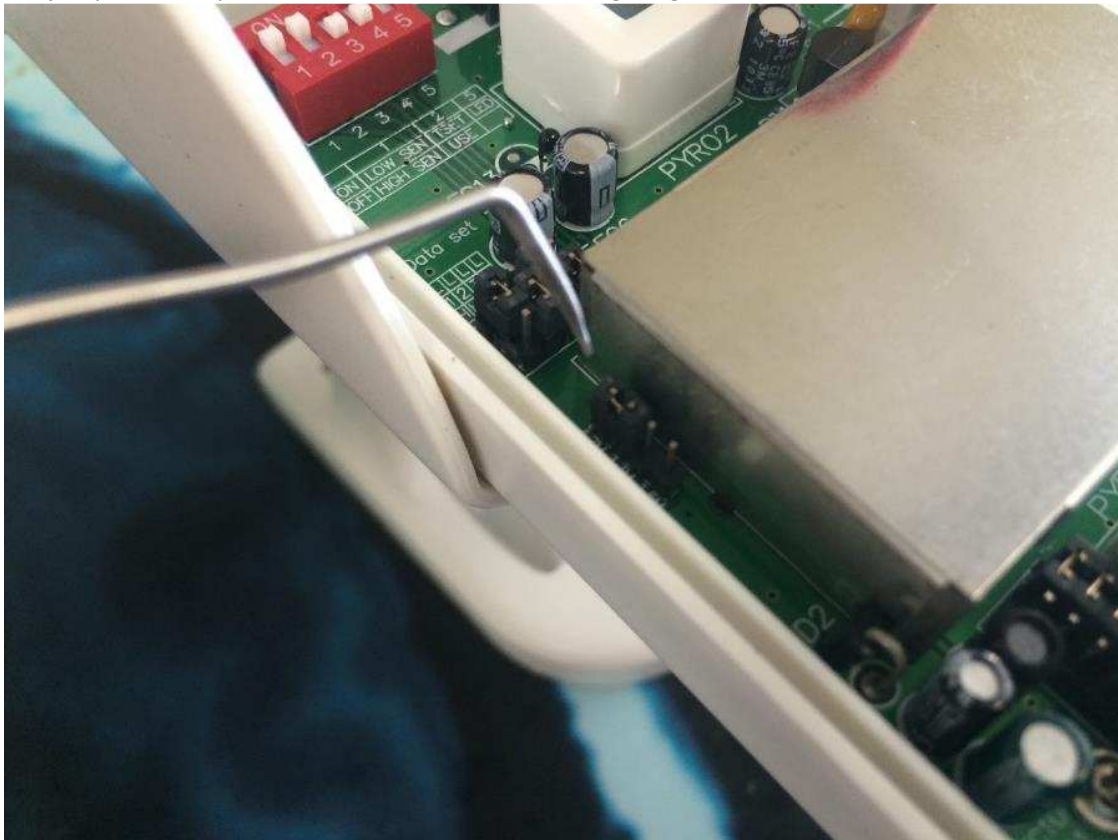
Test Battery Voltage if desired:



Turn on DIP position 5 to enable LED Feedback. Unit will probably flash consistently to show battery charging is required:



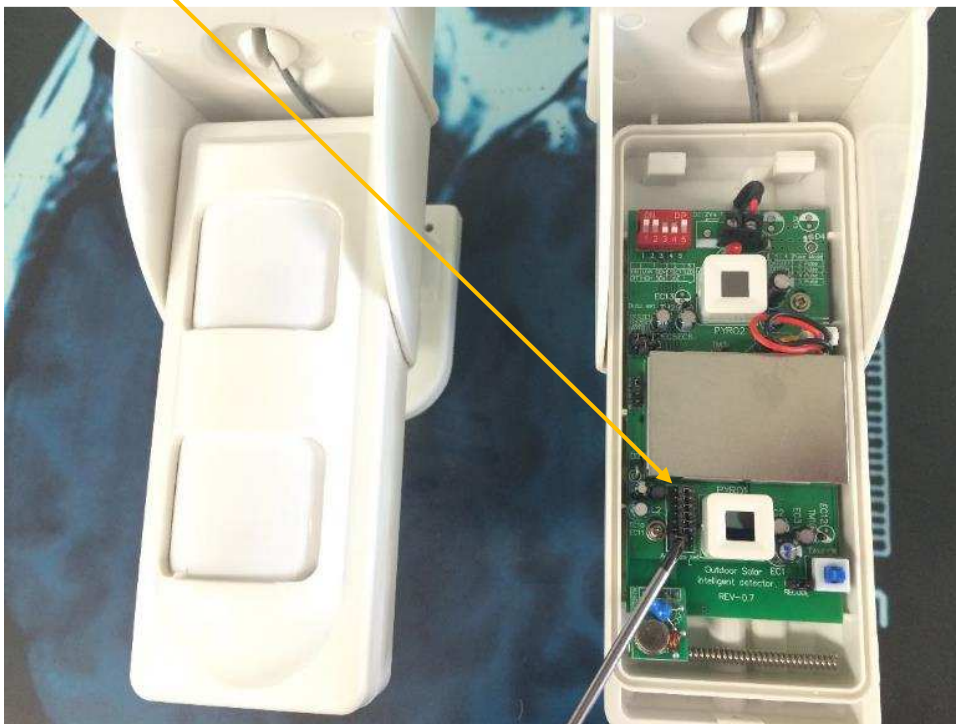
Put jumper in this position for maximum transmitting range:



Turn on jumper position 2 to put unit into test mode (This allows transmitting every 5 seconds instead of the battery saving 3 minute mode):



If you are using more than 1 sensor, you should change the jumpers in this block, this creates the unique id of the sensor, It does not matter what positions you choose, just make sure each solar PIR sensor is different:



Put the cover back on the unit and replace cover screw.

If the LED is blinking consistently place the unit in the sun for 30 minutes or so. After the unit is stabilized you can mount it and start your walk tests. After you get the sensitivity settings you want, we recommend turning jumper 2 back to the off position for additional battery life expectancy.