



OPYN-UPGRADE

From changing your Praetorian PCB to the Opyn Pro PCB, some simple extra steps are needed to complete a fully working Unit.

1. Unplugging the PRAE PCB leads.
2. The camera pillars need to be changed out (depends on the model).
3. The camera lead needs to be changed out.
4. The wires on the button need to be changed out.
5. The PRAE PCB needs to be changed out.
6. The push button lead needs to be changed out.

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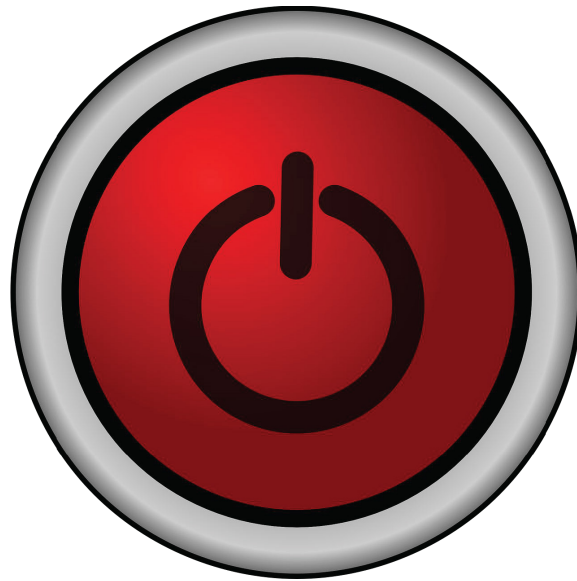


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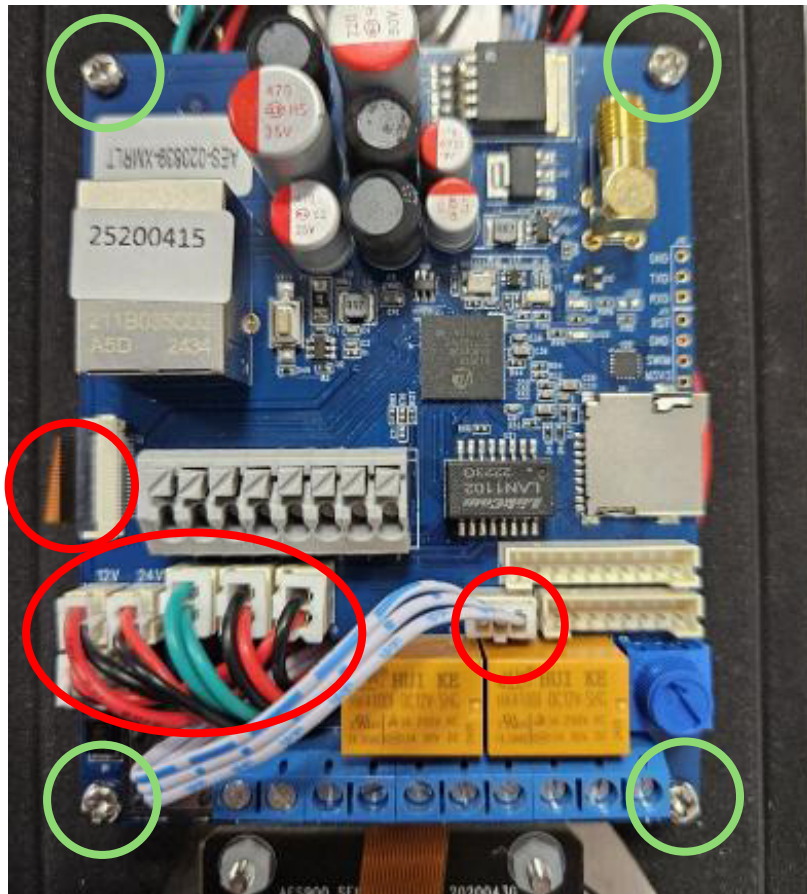
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**Turn off the electrical
power to the unit while
working inside the unit.**

Freeing up the PRAE PCB

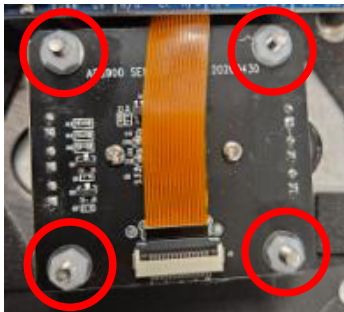


1. Unplug all plugs on the PRAE PCB.
Marked in red.
2. On the corners of the PCB, you will notice 4 screws. **Marked in green.**
3. Lift off the PRAE PCB.
4. Please keep the corner screws safe as we will be using them for the new Opyn Pro PCB.

Camera PCB change out



Unclick the brown ribbon cable from the PRAE PCB.



Unscrew the 4 nylon nuts on the camera PCB. Please keep nylon nuts safe as we are using them again.



Lift the PCB off and unscrew the 4 nuts (please keep these nuts) and remove the 4 pillars.



Replace the old pillars with the new Opyn Pro pillars.

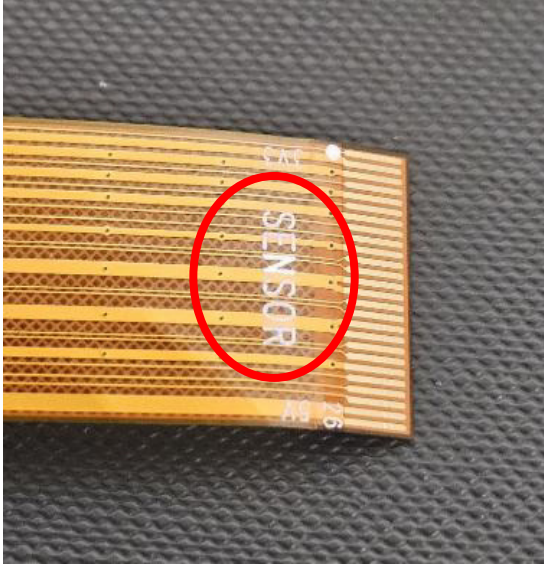
Camera PCB change out (cont.)



1. After placing the new Olyn Pro pillars, add back the 4 nylon nuts to hold the spacer in place.
2. Place the new Olyn Pro camera PCB onto the nylon nuts and screw down the PCB with the nylon nuts.

**Please see the picture above on how it should look.*

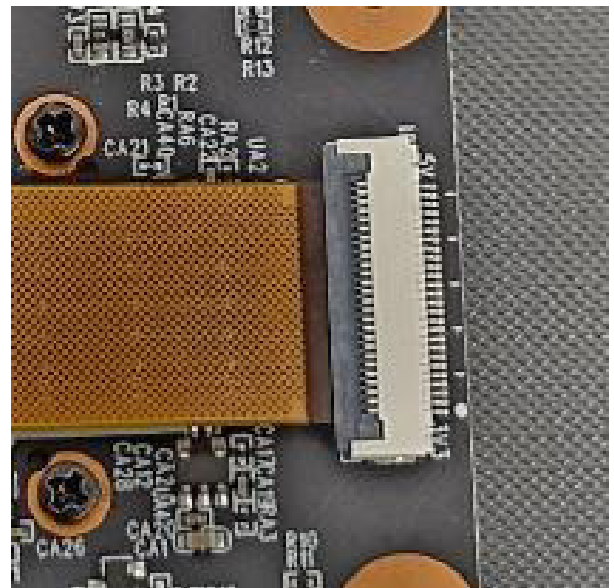
Camera data lead



On the back of the camera lead, you will notice one end that says "SENSOR". This side goes into the camera clip, "SENSOR" side facing down.

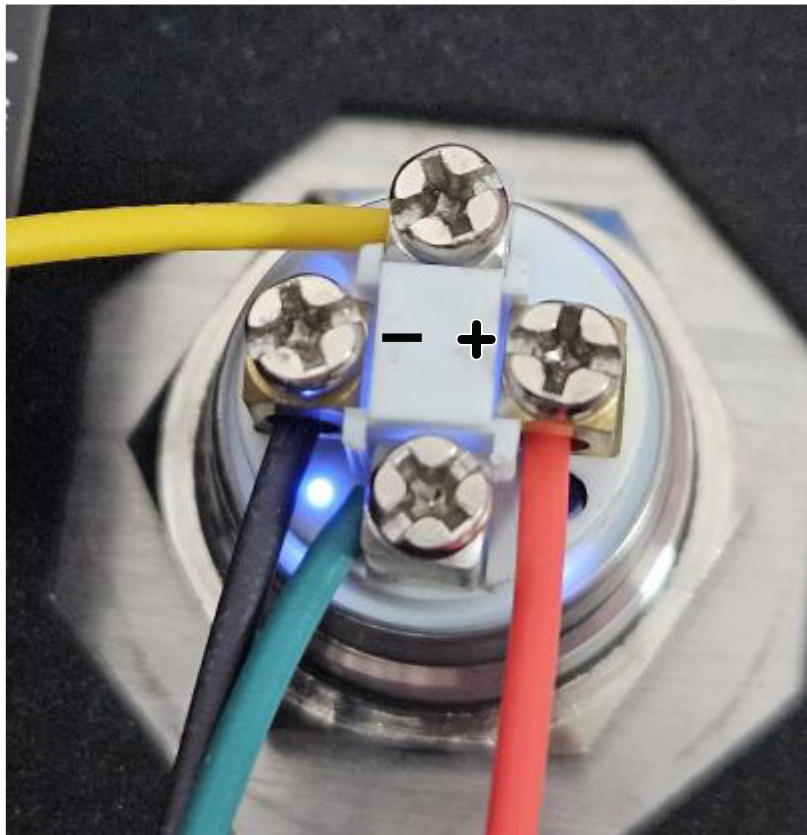
Attach the new Olyn Pro camera data lead to the camera.

Make sure to push down the clip fully.



The orientation of the camera depends on the unit.

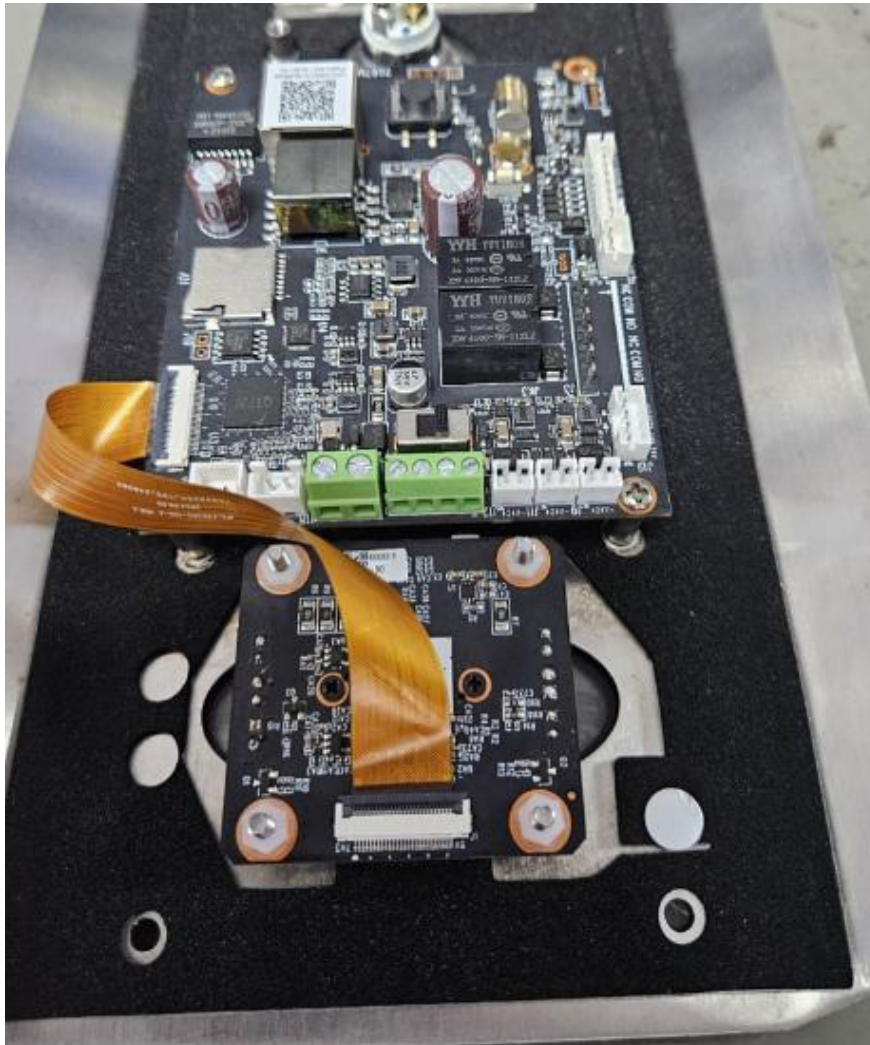
Rewiring the button



1. The button doesn't change, just the leads for the button.
2. Unscrew all the old leads from the button and discard them.
3. Your Opyn Pro upgrade kit should have a 4way JST plug. Please wire up the same as the picture above.
4. All our modern buttons are dual colour, it's either white or blue. When you power up the button, you can change the colour with a switch on the PCB.

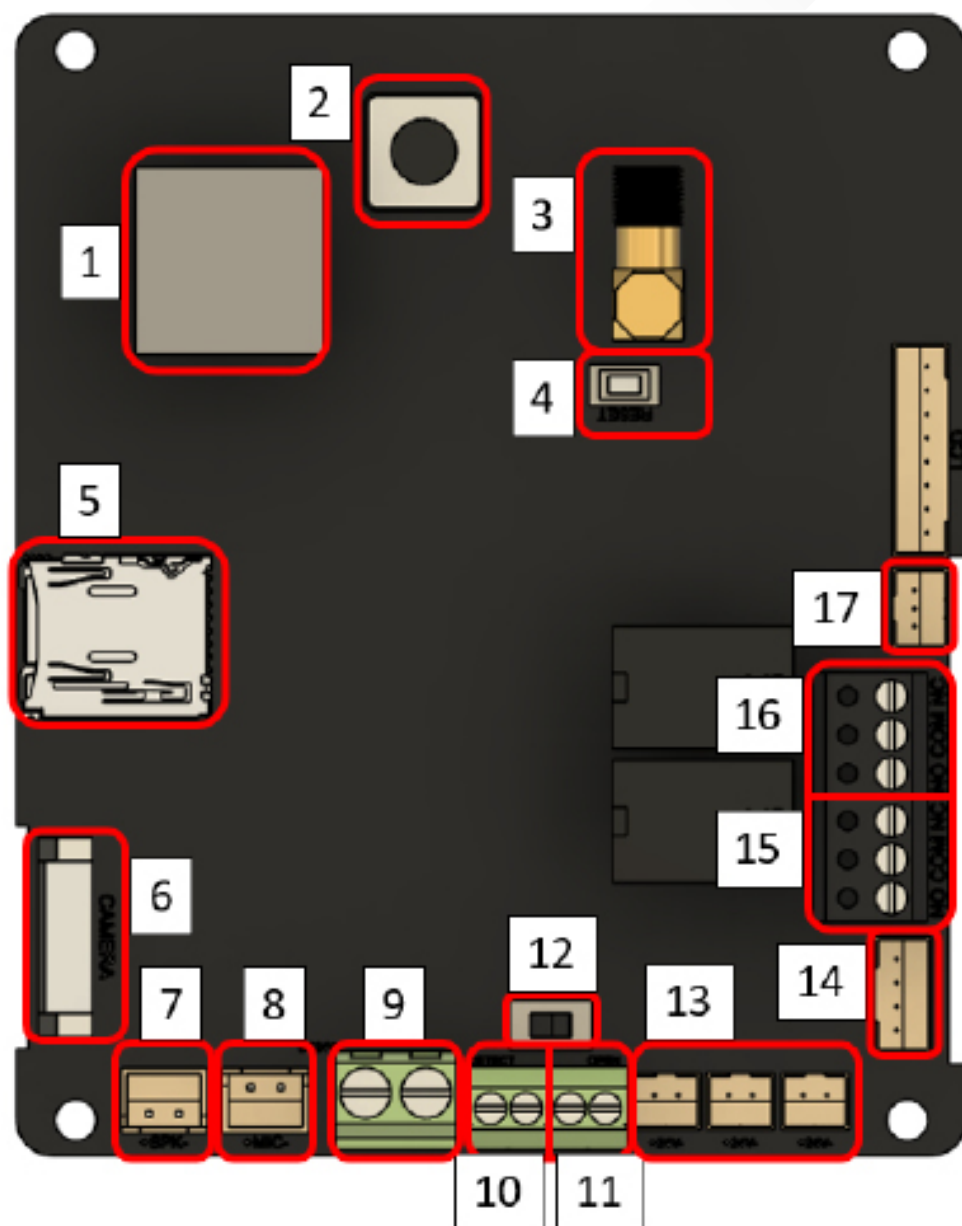
Camera orientation

Screw down the PCB.



Here is the orientation on an AB and ABK models.

A Guide to where the ports are



- 1 - Ethernet/RJ45 Port
- 2 - Hotspot Button
- 3 - SMA Aerial Connector
- 4 - Hard Reset Button
- 5 - SD Card Holder
- 6 - Camera Cable
- 7 - Speaker
- 8 - Microphone
- 9 - DC Power

- 10 - Limit Switch
- 11 - Push-To-Exit
- 12 - Button Polarity
- 13 - 24v DC Outputs
- 14 - Call Button
- 15 - Relay 1 (Lock 1)
- 16 - Relay 2 (Lock 2)
- 17 - Keypad Data Cable



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