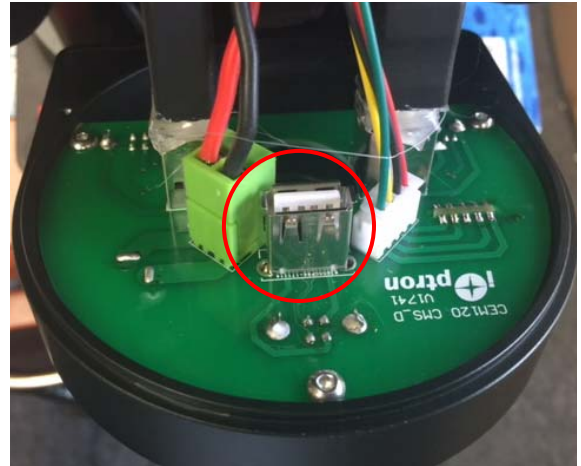


## iPolar Installation –CEM120 Internal (#3339A-120)



If your CMS\_D has an USB plug for the iPolar, please contact iOptron for a modified one.



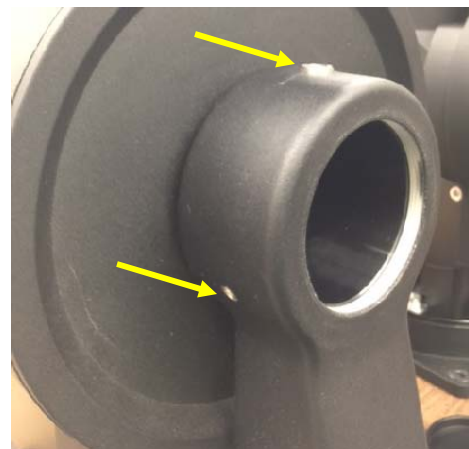
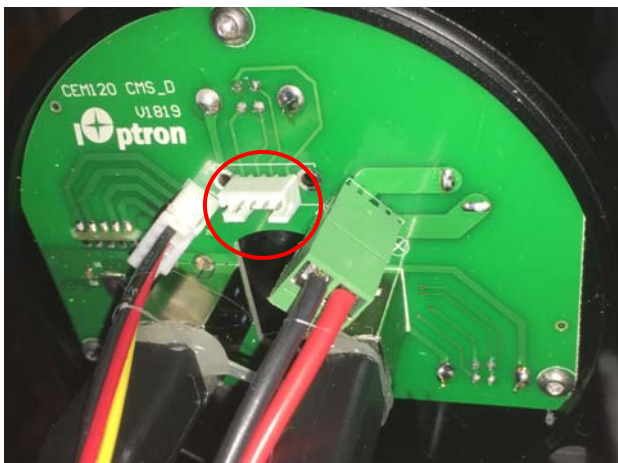
1. Remove two screws that hold the Cable Management System (CMS) panel using a 2.5mm hex wrench.

3. Unthread CEM120 polar scope front cover.

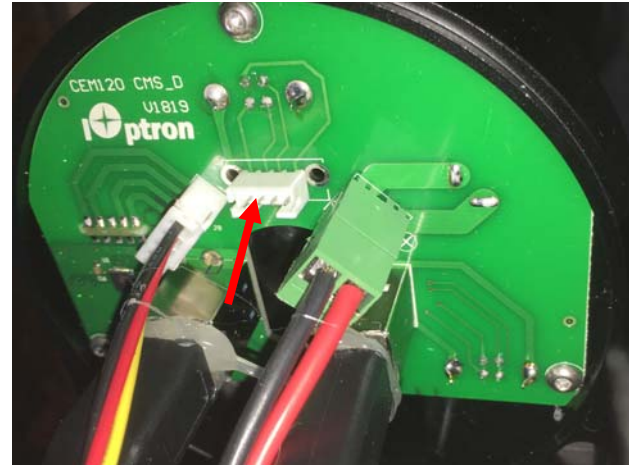
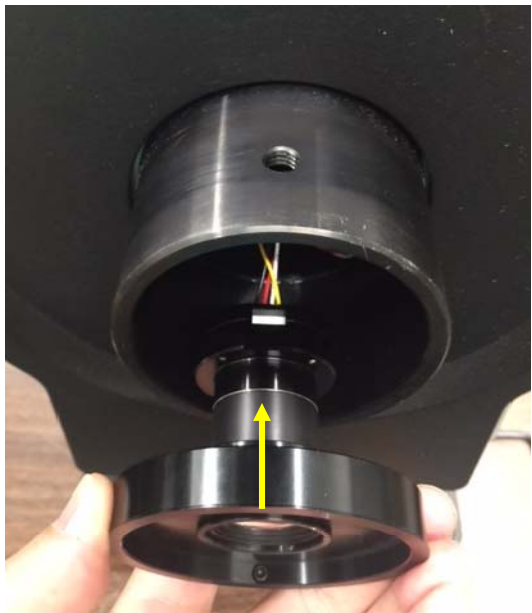


2. Pull the panel open. The CMS\_D board should look like the following.

4. Remove counterweight shaft house by unscrewing three screws (one socket screw on top and two set screws on the side).

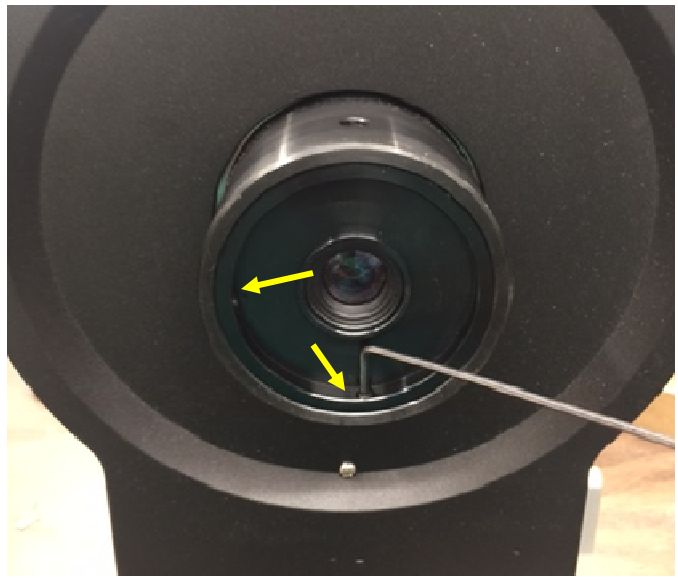


5. Plug the 4 wire cable to the iPolar. Insert it into the CEM120 RA axle. You may use a wire to pull the cable to the rear of the RA axle.



8. Replace the panel and counterweigh shaft house.

6. Back out two set screw to make sure they do not stick out of the outside ring. Push the iPolar into the RA axle. Tighten two set screws on iPolar CEM120 adapter to secure the iPolar inside the RA axle. Do not over tighten the screws.



7. Plug the 4-wire cable into iPolar socket on the CMS\_D board.