

Astronetics 135 F/2 Assembly



While the Rokinon/Samyang 135 F/2 lenses are excellent performers for astrophotography, they do not natively have the hardware for mounting a dovetail (to be used with most telescope mounts) nor the option for an autofocuser due to its inherent helical focuser design. These rings + brackets for the lens solve both of these problems in one high quality product. In addition, a bracket designed for the ASIAIR is included which also functions as a plate for mounting other devices (Mini PCs, USB Hubs, Pegasus Astro Pocket Power Box, etc). Everything needed to use this setup is included other than your own Samyang or Rokinon 135 f/2, Dovetail, ZWO EAF, and ASIAIR (or other aforementioned device).

Instructions:

Slide the larger of two rings all the way up the lens against the dew shield, and tighten the thumbscrew.



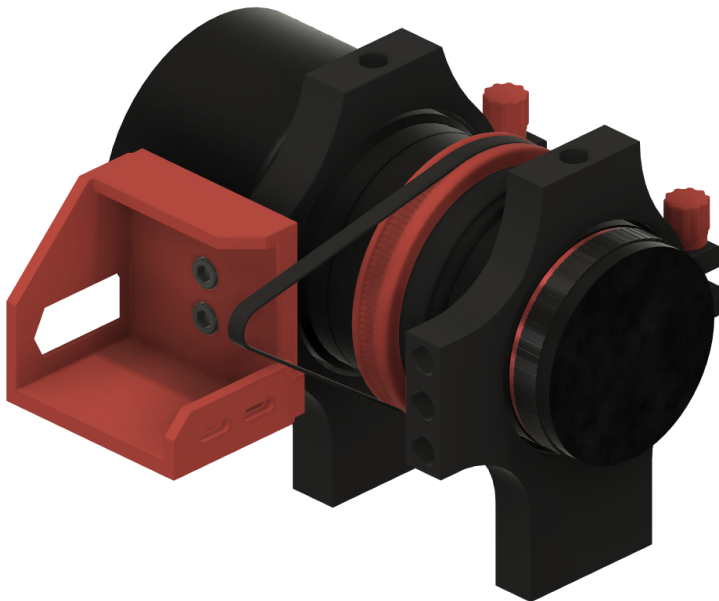
Friction fit the focus ring gear over the focuser, and tighten screw if loose.



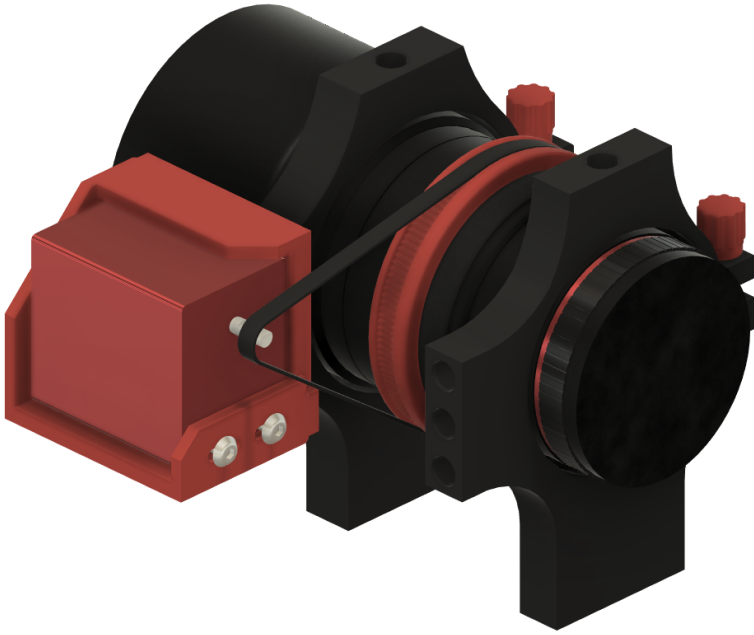
Loosely place the belt over the gear, and put on the smaller/back ring right before the focuser; tighten the thumbscrew and make sure the bottom is flush with the front ring against a flat surface.



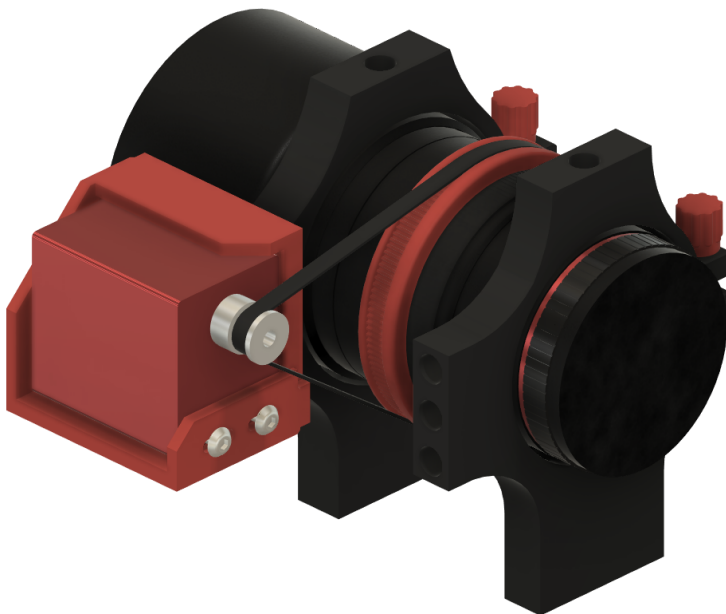
Use the two screws on the side of the larger ring to attach the ZWO EAF bracket, ensuring that the screws go back into the same holes.



Secure the EAF with the two M4 screws supplied in the box.

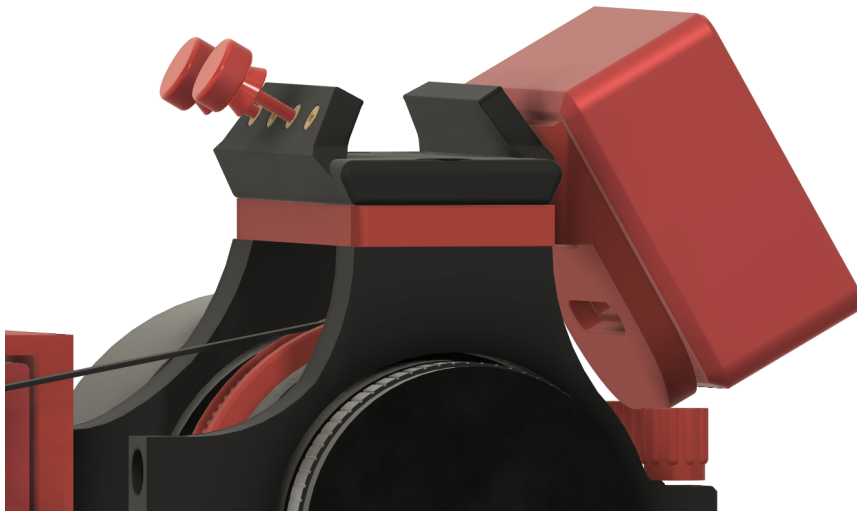


Hold the belt over the gear, wrap it around the pulley, then slip it onto the EAF shaft. Tighten the grub screws, and adjust the gear position to be as lined up with the pulley as possible.



If not using an ASI AIR, connect your device through your preferred method of adhesion (e.g. 3M Dual Lock or Velcro)

Secure the ZWO ASI AIR Pro to the slots on the ASI AIR bracket with the ASI AIR's two M4 screws. Hold the ASI AIR bracket with ASI AIR attached over the two holes on top of the rings, and screw the top bar down like shown.



The final step of the installation is to attach your dovetail. Take the two bolts on the bottom of the rings, and use them to secure the dovetail in place via slots/holes. **Important: do NOT use dovetails that have a curved top, as tightening these puts a lot of strain on the threaded inserts, potentially loosening/pulling them out.**



You are done! Tighten down your guidescope (if applicable) in the top bar, connect your camera, and start imaging!

