

ASTRONETICS

135V2 Assembly Manual

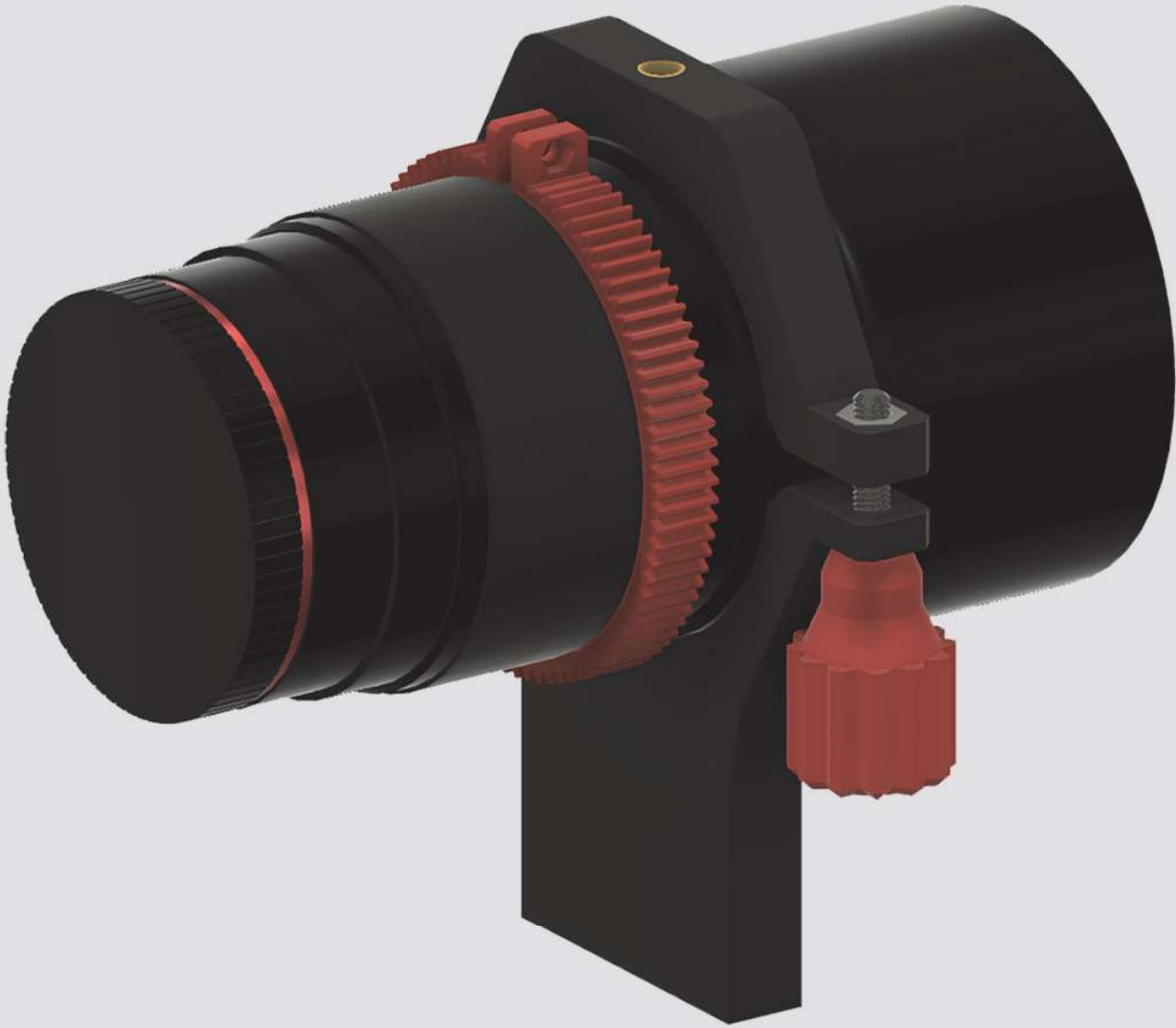


STEP I - LENS GEAR



Remove the M3 bolt from the larger gear, and slide it directly past the rubber part of the focus ring (Onto the Smooth surface). Then reattach the m3 bolt and nut and secure the gear onto the lens. You will need to keep in mind the position of the lens' focuser when securing the gear in place. Please read the note on the last page of these instructions before continuing.

STEP II - FRONT RING



Undo the thumbscrew from the front ring (without text and rectangular hole), and open the hinge. Place the lens with gear on the ring and close/retighten against the edge of the lens hood. Do NOT tighten very hard, the ring should still be able to slide with some pressure.

STEP III - EAF ASSEMBLY



Place the lens assembly to the side. Take the rear ring and the EAF bracket, and prepare 2 M6 bolts and 2 M6 nuts. Insert the M6 nuts into the bottom of the EAF bracket while holding it upside down, then screw in the 2 M6 bolts into the EAF bracket through the holes in the rear ring.

STEP IV - ZWO EAF



Insert the ZWO EAF through the back of the ring with the shaft facing inwards, and secure it with the two M4 socket head bolts included with your EAF. THEN, screw the smaller gear onto the flat part of the EAF shaft.

STEP V - PUTTING IT TOGETHER



Place the EAF assembly with the EAF and gear attached onto the back of the lens after loosening the hinge (you should not need to open it all the way, just loose). The two gears will now mesh together. Once again, tighten the thumbscrew adequately enough that the ring does not fall off, but can still be adjusted by hand. Attempt to line the rings up.

STEP VI - BRACKET AND GUIDERAIL



Line up the guiderail and accessory bracket as pictured above, and use 2 more M6 bolts to secure it onto the rings. If you did not over tighten the thumbscrews in steps II and V, you will be able to adjust the placement of the ring slightly to line up with the holes on the guiderail. Otherwise, loosen the thumbscrews further and then tighten.

STEP VII - FINAL STEPS



Mount your other accessories! The red bracket on top of the rings contains slots designed for the popular ZWO ASI AIR Pro/Plus, but anything else you please can be mounted with your adhesive of choice. Screw your dovetail into the bottom M6 threads and your new rig is ready to go. Enjoy!

IMPORTANT INFORMATION

If you have any concerns about your Astronetics 135V2 Mounting System, please reach out to support@astroneticsdesign.com

Rotation

To rotate your imaging train with camera attached, simply remove the thumbscrews from both rings and lift up the upper ring assembly. You will then be able to lift and place down the lens assembly in any orientation you please and get right back to imaging!

Note: If the lens gear is oriented in conflict with the EAF gear in your desired rotation, you may need to loosen and tighten it down in a different orientation.

Temperature

If the climate at your location is at a concerning extreme, please read the product description for operating conditions.

Thank you for your purchase!