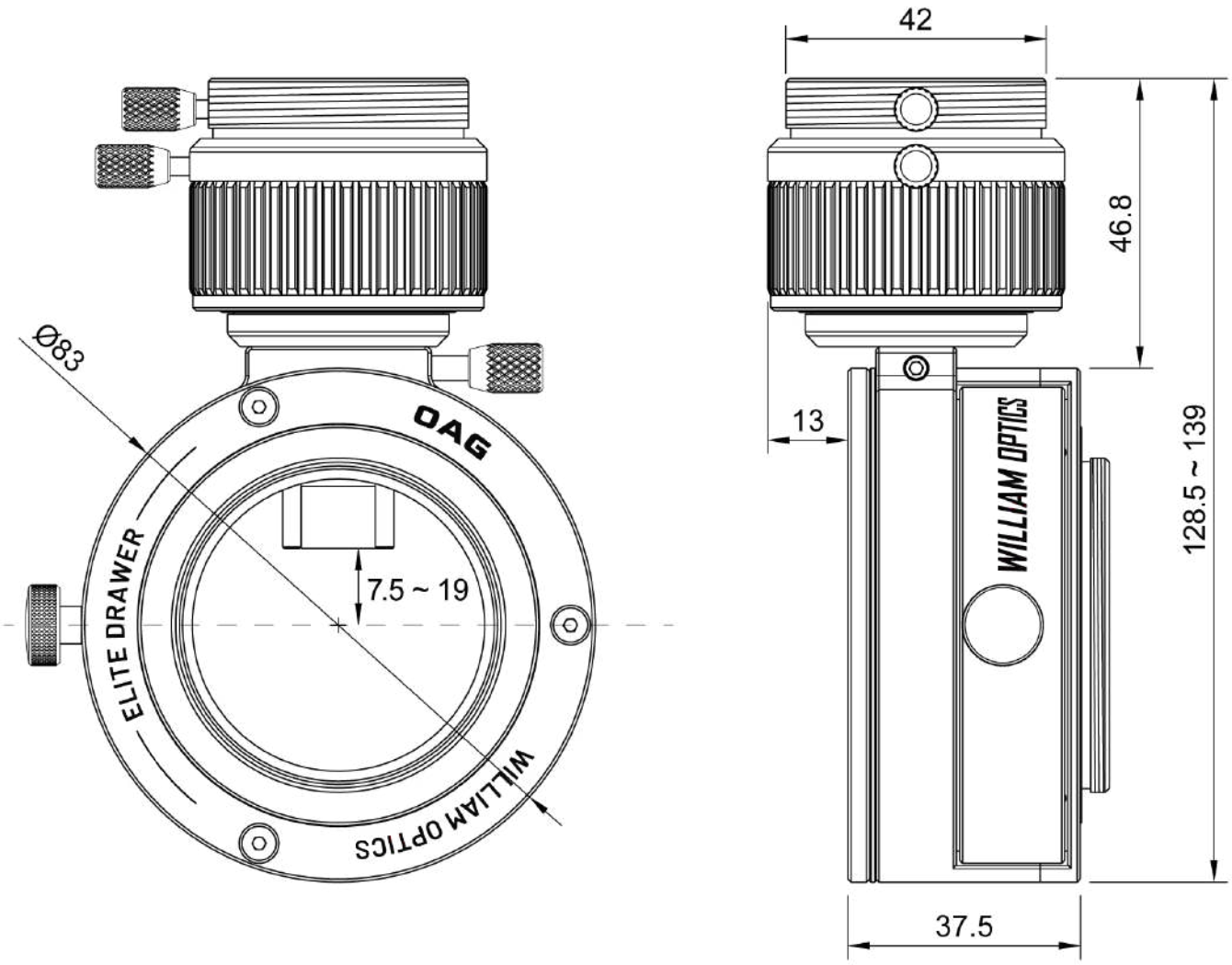
Elite Drawer OAG Kit

Updated Jul 1, 2026 • by WO Team 8 min read

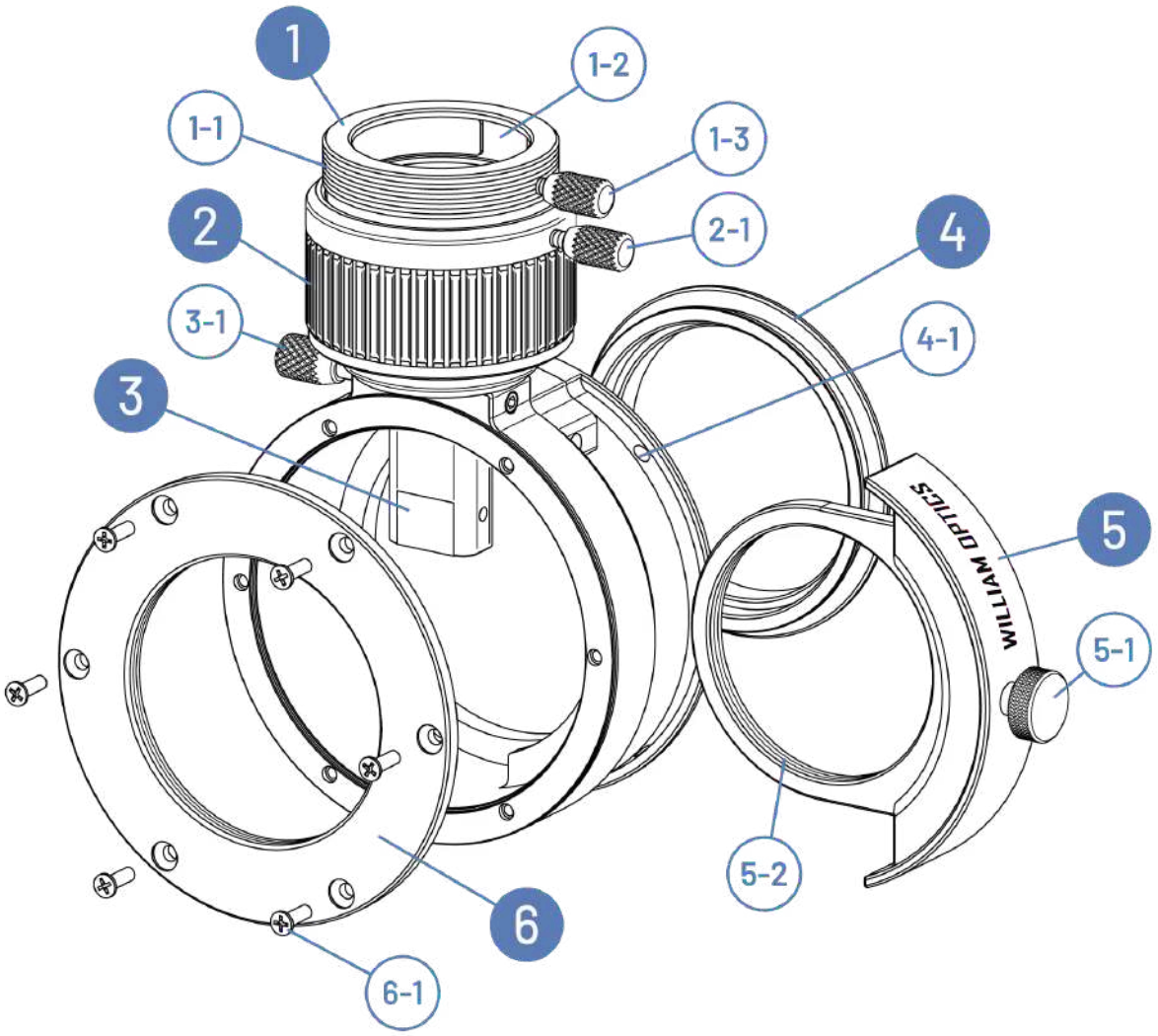


Light-In Side	M54, M48, M68
Light-Out Side	Main: M54, M48 (M42 optional) / Guide: M42, 1.25" push-in
Optical Length	37.5 mm
Weight	336 g / 11.85 oz

Size Diagram


Ø83
OAG
ELITE DRAWER
WILLIAM OPTICS
7.5 ~ 19
42
46.8
13
WILLIAM OPTICS
128.5 ~ 139
37.5

Parts



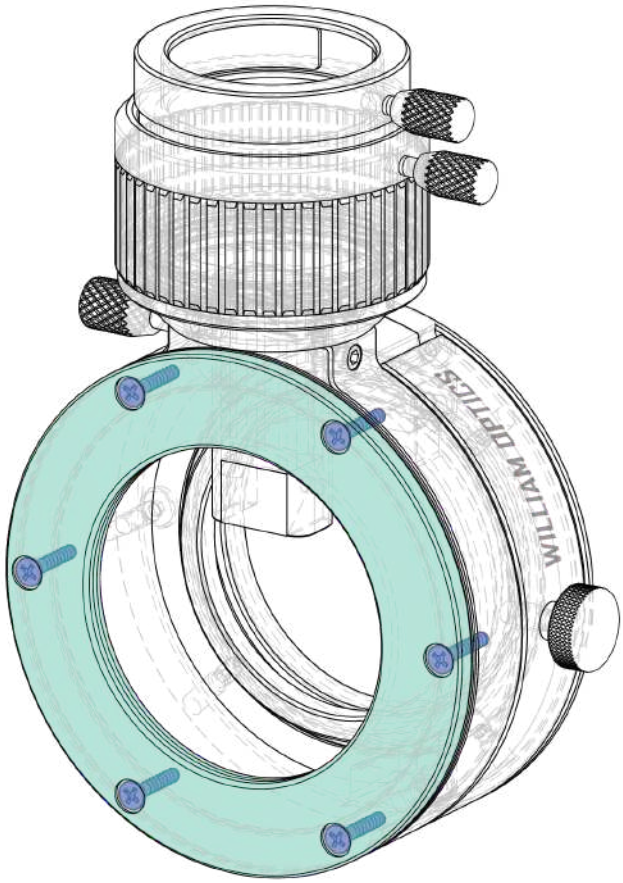
- 1 Guide Camera Adapter
- 1-1 M42 Guider Thread
- 1-2 1.25" push-in
- 1-3 1.25" push-in Locking Knob
  (Adapter not rotatable. Actual knob position may vary.)
- 2 Helical Focuser (Focuser Travel: 10mm)
- 2-1 Focuser Locking Knob
- 3 High-Transmission Prism (adjustable height: 7.5~19 mm from field center)
- 3-1 Prism Height Locking Knob
- 4 M54 Camera Adapter (M48 Adapter interchangeable)
- 4-1 Camera Adapter Locking Screws (H1.5 Set Screws)
- 5 Filter Drawer
- 5-1 Filter Drawer Handle
- 5-2 M48 Filter Thread
- 6 M54 Telescope Adapter (M48, M68 Adapter interchangeable)
- 6-1 Telescope Adapter Locking Screws

Operation Guide

1. Check Adapter Compatibility

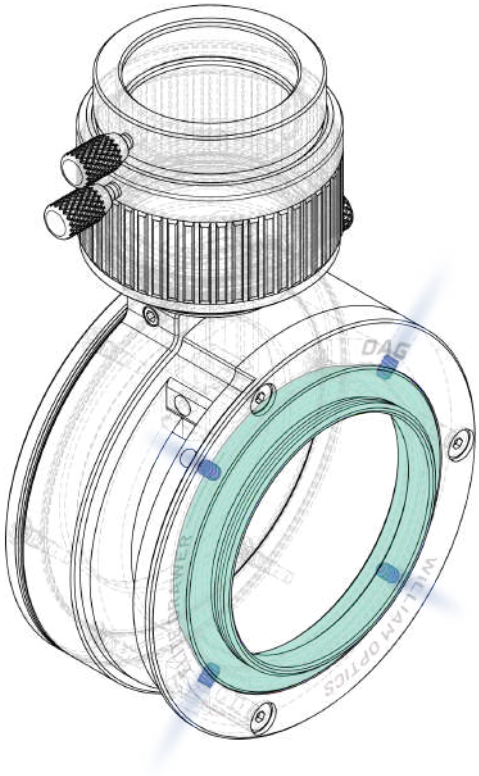
Make sure the pre-installed adapters match your telescope and camera connections. If needed, swap them with the appropriate included adapters.

Replace the Telescope Adapter



Remove the **six Phillips screws**, then replace the pre-installed Telescope Adapter with the appropriate Telescope Adapter included in the kit.

Replace the Camera Adapter



1. Remove the Filter Drawer
2. Loosen **the four Camera Adapter Locking Screws** (Position shown in the image above). The **trapezoid lock** requires extra loosening before removal.



3. Replace it with the appropriate Camera Adapter included in the kit.

2. Install the Camera



1. Remove the Filter Drawer.



2. Loosen **the four Camera Adapter Locking Screws**.



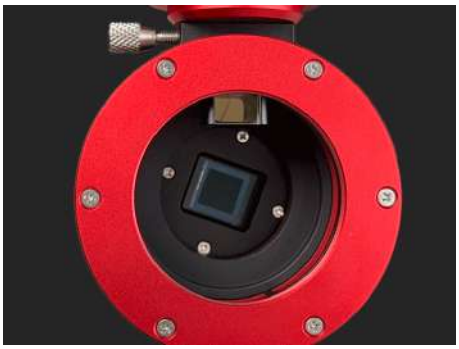
3. Remove the Camera Adapter from the OAG assembly.



4. Attach the Camera Adapter to your camera.



5. Put the camera assembly back onto the OAG.



6. Look through the OAG opening and rotate the camera until the sensor's **long side** is aligned with the **prism**.



7. Tighten **the four Camera Adapter Locking Screws.**



8. Check through the OAG opening again and adjust the prism height to **avoid blocking the sensor**.

3. Set Up Off-Axis Guiding



1. Remove the **CAA Locking Knob**



2. Attach the OAG to the telescope.



3. Install the guide camera into the guide camera adapter



4. Turn on the main camera and focus the main imaging system.



5. Turn on the guide camera and use the helical focuser to bring the guide image into focus.

4. Install the Filter



1. Pull out the Filter Drawer.



2. Install the M48 filter on the **Light-In Side** of the Filter Drawer.



3. Reinsert the Filter Drawer while keeping it **pressed against the Light-Out Side** of the OAG assembly.

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