30mm F/5 Mini Guide Scope

Quick Guide

1.Product Description

30mm F/5 is a guide scope specifically designed for astrophotography, featuring an aperture of 30mm and a focal length of 150mm (focal ratio F5), delivering excellent guiding performance for stars at infinity.This guide scope is designed to provide precise guiding for primary telescopes with focal lengths of up to 750mm (recommended) , and can also be used as a small-aperture primary telescope for astrophotography or visual observations.

2. Product Structure and Accessories



- Lens Body: Includes the lens set and a lens-fixing tube with an integrated lens hood.
- Focusing Tube: Contains locking screws. Travel range: 20mm.
- Gear Interface:
  - Eyepiece / Camera interface (1.25 inches).
  - Holder (including guide scope dovetail plate).

3.Connection Method

3.1 Using with a Guide Camera(not included)

It is recommended to attach an extension tube to the guide camera for optimal use.



3.2 Using with a Planetary Camera(not included)

It is recommended to use a T mount for connection.



Alternatively, the camera can be directly screwed onto the M42 thread. (However, this method does not guarantee the relative orientation between the camera sensor and the guide scope. Therefore, it is recommended to use the previously described connection method for optimal alignment and performance.）

3.3 Using with an Eyepiece(not included)



4. Installation and Focusing

4.1 Mounting on the Main Telescope

The guide scope connects to the telescope's guide dovetail groove via its dovetail plate. Ensure the locking screws are securely tightened during installation.

Step1: Loosen the dovetail groove screws.



Step2: Install the guide scope.



Step3: Tighten the screws.



4.2 Focusing

The guide scope features a helical focusing mechanism with a 20mm focus travel and a locking screw to maintain focus position.

Step1

Turn the yellow locking screw on the guide scope's focus knob clockwise to unlock it.



Step2

Slowly rotate the red focus knob clockwise or counterclockwise until the guide scope is focused, then stop.

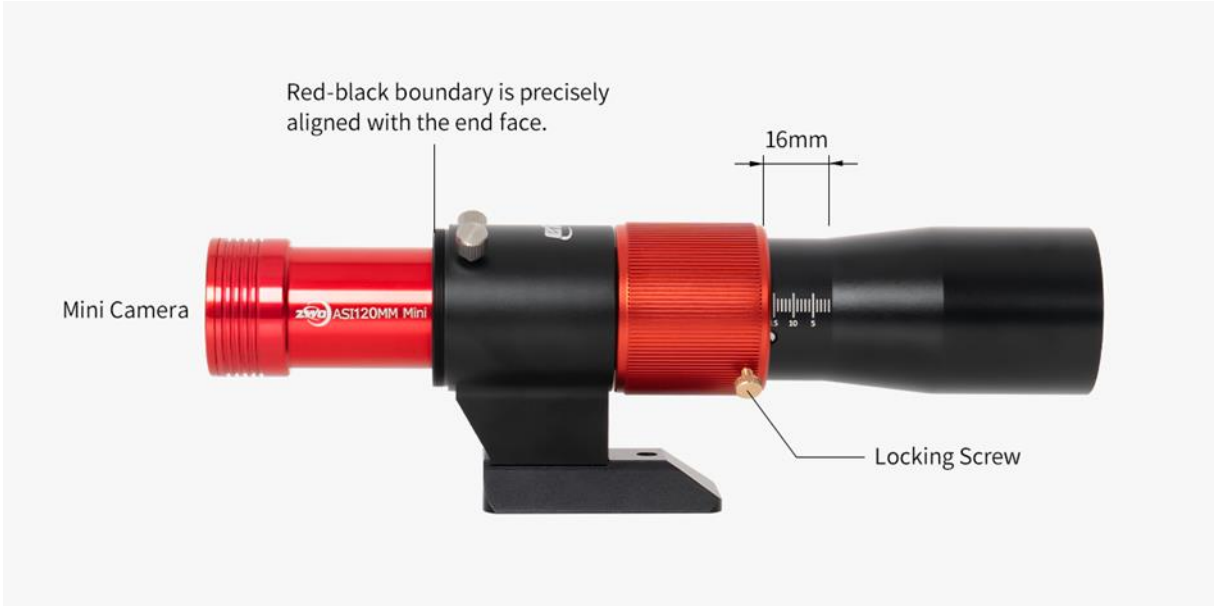


Step3

Turn the yellow locking screw counterclockwise to secure the focus position.



According to the tests conducted by ZWO Laboratory, the focus positions for different cameras are shown in the reference diagram (with a focus tolerance of ±1.5mm).







5. After-Sales Service

For repairs and other Services:

Chinese Users: Follow the ZWO Official WeChat account and send messages to our customer service team.

Overseas Users: Visit the https://support.zwoastro.com/ page and submit a service ticket: Support - Help center-Contact Us.

Email: info@zwoptical.com

Phone: 0512-65923102

1. For products returned or replaced under warranty, customers are responsible for the shipping costs to return the product. When returning the product, you must include a note detailing the actual cause of the issue and provide relevant proof, such as photos or videos. If ZWO confirms in

writing that a replacement is necessary, the user must return the product with all accessories, manuals, and packaging to the address specified by ZWO. By returning the product, you agree to pay for any non-warranty repair fees incurred during the process. The repaired or replaced product will be sent back after payment.

2. For products requiring return for after-sales service, ZWO will provide an RMA (Return Merchandise Authorization) Code for reference. ZWO will not accept any returns without prior written confirmation and a valid RMA code.
3. If your product was purchased through a ZWO authorized dealer, please contact the dealer directly for after-sales support.

6. Warranty Policy

1. ZWO offers a 2-year free warranty for products purchased directly from the company, starting from the date of receipt.
2. If the user encounters a Dead-on-Arrival (DOA) issue and contacts ZWO within the specified time frame, providing proof of purchase and related documentation, ZWO will arrange for a pickup service, and depending on the situation, offer the following services: replacement (or partial replacement), repair, or refund (or partial refund).

   1）Product Quality Issues: If a quality issue is identified within 180 days of receipt and confirmed by ZWO's Customer Service Center, ZWO will provide free replacement.

   2）Shipping Issues: If the product packaging shows clear signs of water damage, severe compression, or deformation upon receipt, and the user provides packaging photos and proof of receipt within 3 days, ZWO will verify and offer refund or replacement for items shipped directly by ZWO or its authorized distributor. If the shipment is handled directly by the dealer, the dealer will be responsible for after-sales support.
3. The following circumstances are not covered under the warranty, but ZWO can offer repair services:

   1）The product is out of warranty.

   2）The product has liquid ingress, moisture damage, or corrosion.

   3）Damage caused by external forces, such as scratches, deformed casing, or broken Type-C ports.

   4）Unauthorized disassembly, third-party repairs, modification, firmware flashing, or installation of incorrect firmware.

   5）Alteration of the system or removal/modification of warranty seals.

   6）Improper installation or use contrary to the product manual.

   7）Damage due to force majeure events such as floods, fires, earthquakes, lightning, or severe impact.

   8）User errors during operation or usage that result in damage.

9）Lack of valid proof of purchase or warranty certificate.

10）The product is a second-hand item.

Accessories or other components with quality issues are not grounds for returning or replacing the main device. Users can request replacement of the affected accessory separately.