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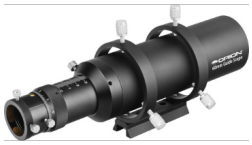
Orion 60mm Multi-Use Guide Scope with Helical Focuser

AUD $359.00

Product Images



Short Description

- Versatile 60mm aperture Guide Scope with a built-in helical focuser for precise focusing of potential guide stars
- Designed for use with the Orion StarShoot AutoGuider and StarShoot AutoGuider Pro (both sold separately)
- Helical focuser collar will not rotate attached autoguider devices during focus adjustments
- Can also be used as a deluxe straight-through finder scope with optional 1.25" eyepieces installed (eyepieces sold separately)

Description

This solidly built 60 mm Guide Scope will help guide you to capturing higher quality astrophotos. With its large 60 mm lens and smooth helical focuser, the versatile Orion 60 mm Multi-Use Guide Scope with Helical Focuser is an ideal addition to any astrophotographer's collection of gear. What's more, you can use this handy scope as a deluxe, straight-through 60 mm finder by inserting an optional 1.25" eyepiece. (Autoguider cameras and eyepieces sold separately.) A practical benefit of this is that prior to guiding, you can insert an eyepiece into the guide scope and easily align the guide scope with your main imaging telescope. Then remove the eyepiece and attach your autoguider camera.

The Multi-Use Guide Scope has a large, 60 mm aperture lens for better light-gathering than 50 mm and smaller models. The larger aperture lets you see more stars in the guide scope field-of-view, providing a wider selection of guide star choices. What's more, the larger lens means the field of potential guide stars will be nice and bright for easy guide star selection. This Guide Scope is designed for use with small-chip autoguider devices such as the Orion StarShoot AutoGuider and Orion StarShoot AutoGuider Pro Mono Camera (AutoGuiders and telescopes sold separately).

As its name suggests, the Orion 60 mm Multi-Use Guide Scope with Helical Focuser features a built-in helical focuser that allows precise focus adjustments with zero flexure for rigid performance. Obtaining a clear, sharply focused view of potential guide stars is quick and easy with this sturdy scope. The fixed-orientation focuser mechanism will not rotate inserted autoguider cameras or eyepieces when focus adjustments are made. The helical focuser simply moves the attached device inwards or outwards while maintaining its orientation. This convenient feature means your field of potential guide stars will not rotate as focus is adjusted, further increasing ease of use.

The f/4, 240 mm focal length Orion 60 mm Multi-Use Guide Scope features a machined, knurled ring to make fine focus adjustments nice and easy, while a thumbscrew lets you lock-down the focuser in-place once adjustments are complete. The focuser boasts 10 mm of precise helical focus travel, plus a telescoping drawtube housing provides up to 35 mm of additional back-travel if needed for your particular autoguider device. No extension tubes necessary! A compression ring fitting keeps any inserted autoguider cameras or eyepieces free of pesky scratches. The Orion 60 mm Multi-Use Guide Scope with Helical Focuser also features male T-threads on the focuser collar for secure threaded attachment of guide cameras equipped with female T-threads.

This complete guide scope comes with two heavy-duty guide scope rings and a 3.5" long (8.9 cm), 1.18" (3 cm) wide dovetail mounting bar, which is compatible with all Orion dovetail finder scope bases for easy attachment. The dovetail bar features five threaded through-sockets for versatile attachment options. The included guide scope rings feature six nylon-tipped thumbscrews for precise aiming.

For those nights when you don't plan to capture astrophoto exposures, this versatile Guide Scope can double as a straight-through finder scope with an optional 1.25" eyepiece installed. For example, inserting a 25 mm eyepiece creates a 9.6x60 finder scope, or you can insert one of our Orion 20mm Illuminated Centering Eyepieces for use as a 12x60 finder with illuminated crosshairs for easy aiming. (Eyepieces sold separately).

Additional Information

Specifications	• Best for imaging Deep sky • User level Intermediate • Optical design Refractor • Optical diameter 60mm • Focal length 240mm • Focal ratio f/4.0 • Coatings Fully multi-coated • Glass material Crown/Flint • Resolving power 2.30arc*sec • Lowest useful magnification 9x • Limiting stellar magnitude 11.5 • Finder scope None • Focuser None • Mount type Optical Tube without Mount • Astro-imaging capability Lunar, planetary & long exposure • Tube material Aluminum • Illuminated No • Adjustable focus Yes • Length of optical tube 10.2 in. • Weight, optical tube 2.0 lbs. • Weight (oz.) 32 • Additional included accessories Two guide scope rings, Vixen-style dovetail mounting bar w/ tapped holes, Objective lens cap, metal • Other features Helical focuser and sliding extension tube, Compression ring eyepiece holder, Fine gradation scale on focuser and extension tube • Warranty One year