

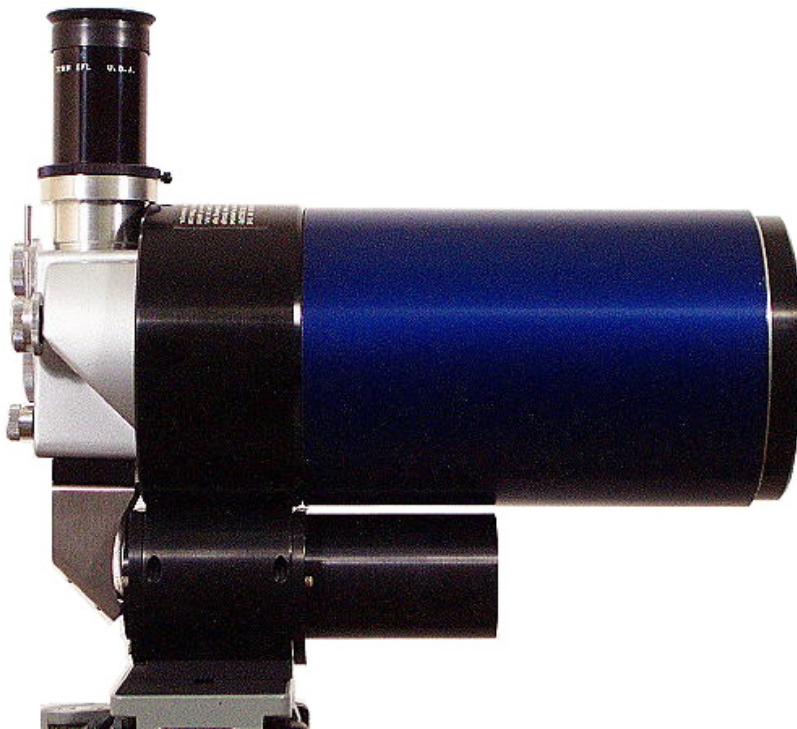
Birder

The Questar Birder is the spotting scope everyone turns to when identification hangs in the balance.

Standard powers of 8.5x, 40x and 65x resolve details that are feather-edge fine at 20 feet or 2000 feet. Optional available eyepieces can vary this to increase powers. The built-in multi port control box allows for visual & for photography. Our 89mm aperture and long 1300mm focal length provide light grasp and the power to reach out beyond the limits of other scopes.

Our unique Control Box allows three magnifications without changing eyepieces, with a camera mounted at the same time. Focus is perfect from edge to edge, eliminating the eyestrain associated with field curvature. Colors are completely distortion-free and vivid. Each Questar is tested and guaranteed to out-resolve any scope on the market.

The Questar Birder's rapid focus will aid you with speed and precision when changing powers or pursuing targets.



Advantages

- Rapid Focus
- Soft plastic caps on front lens
- Eyepiece and finder
- 1.5x internal Barlow
- Ready for photography

Birder

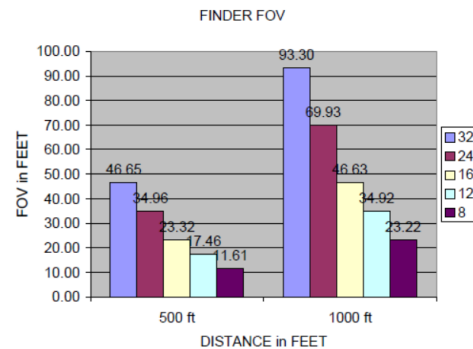
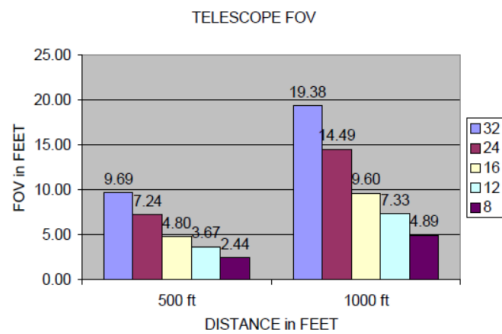
Questar Astronomy Telescope

Datasheet



Technical data

Design type	Maksutov Cassegrain Catadioptric
Working range	20 feet to infinity
Clear Aperture	89 mm, 3 1/2"
Focal Length	Visual, 1300mm-f/14.6 Camera Close, 1400 f/16 Camera with full extension, 1600mm f/18
Finder Lens	270mm EFL, 8.5x power with standard eyepiece (32mm)



Optics

Corrector	BK7, magnesium fluoride or multilayer dielectric coating optional
Primary mirror	Pyrex®, or Zerodur® substrate optional, Aluminum with SiO overcoat or silver with ThF4 overcoat optional
Special Coatings	On special order, broad-band dielectric coating applied to the mirror, which increases its reflectivity. To both sides of front lens, a very low reflection coating is then applied to the mirror, which increases its reflectivity. To both sides of front lens, a very low reflection coating is then applied which reduces the light loss at each surface to less than 1/10 of 1%. It transmits all frequencies of the visible spectrum and improves total light grasp.
Magnification	Three powers of 8.5x, 40x and 65x with the included 32mm eyepiece
Weight	Less than 4lb., 13lbs in waterproof field case
Size of Case	18.5" x 14.6" x 5.7"

Options & Recommended Accessories

- Anti Reflection Coated Protective flat
- Light-weight BOGAN Field Tripod with quick release head and legs
- Image erector to correct image reversal
- 16mm and 24mm Eyepieces

A – TRIPOD MOUNT & TUBE HOLDER
 B – FINDER CAGE & MIRROR ASSEMBLY
 C – OPTICAL GLASS FLAT
 D – MAIN SYSTEM FOCUS KNOB
 E – AXIAL PHOTOGRAPHIC PORT
 F – MAIN SYSTEM PRISM ACTUATION KNOB
 G – INTERNAL BARLOW ACTUATION KNOB

