

Specification Sheet

Optical Design:	Refractor
Aperture:	70mm (2.76")
Focal Length:	900mm (35")
Focal Ratio:	f/13
Focal Length of Eyepiece 1:	20mm (.8")
Magnification of Eyepiece 1:	45x
Focal Length of Eyepiece 2:	10mm (.4")
Magnification of Eyepiece 2:	90x
Barlow Lens:	Not Included
Finderscope:	StarPointer™ red dot finderscope
Star Diagonal:	Erect Image Diagonal - 1.25"
Optical Tube:	Aluminum
Highest Useful Magnification:	165x
Lowest Useful Magnification:	10x
Limiting Stellar Magnitude:	11.7
Resolution (Rayleigh):	1.99 arc seconds
Resolution (Dawes):	1.66 arc seconds
Light Gathering Power (Compared to human eye):	100x
Optical Coatings:	Fully Coated
Optical Tube Length:	914mm (36")
Optical Tube Diameter:	TBD
Optical Tube Weight:	TBD
Dovetail:	CG-5 Dovetail bar
Mount Info:	
Mount Type:	Manual Alt Azimuth
Height adjustment range (includes mount and tripod):	812.8mm - 1295.4mm (32" - 51")
Tripod Leg Diameter:	31.75mm (1.25") steel
Accessory Tray:	Yes
Tripod Weight:	7.6 lbs (3.44 kg)
Slew Speeds:	Manual
Dovetail Compatibility:	CG-5 saddle plate
Software:	Celestron Starry Night Basic Edition Software and SkyPortal App
Total Kit Weight:	TBD
Included Items:	Optical tube
	Tripod and mount (preassembled)
	20mm and 10mm eyepiece
	StarPointer™ red dot finderscope
	Erect image 90° diagonal
	Manual
Solar Warning	Never look directly at the Sun with the naked eye or with an optic (unless you have the proper solar filter). Permanent and irreversible eye damage may result.
	Never use your optic to project an image of the Sun onto any surface. Internal heat build-up can damage the optic and any accessories attached to it.
	Never leave your optic unsupervised. Make sure an adult who is familiar with the correct operating procedures is with your optic at all times, especially when children are present.