

## Product Specifications

### OPTICAL TUBE INFO:

Optical Design Newtonian Reflector  
Aperture (mm) 114 mm (4.49")  
Focal Length 450 mm (18")  
Focal Ratio 3.95  
Focal Length of Eyepiece 1 (mm) 20 mm Kellner mm (0.79")  
Focal Length of Eyepiece 2 (mm) 10 mm Kellner mm (0.39")  
Finderscope StarPointer Red Dot Finder

### MOUNT INFO:

Mount Type Alt-azimuth with panning handle  
Tripod Adjustable, stainless steel  
Tripod Leg Diameter 1.0"  
Highest Useful Magnification 269x  
Lowest Useful Magnification 16x  
Limiting Stellar Magnitude 12.8  
Resolution (Rayleigh) 1.22 arc seconds  
Resolution (Dawes) 1.02 arc seconds  
Light Gathering Power (Compared to human eye) 265x  
Secondary Mirror Obstruction 34 mm (1.35")  
Secondary Mirror Obstruction by Diameter 30%  
Secondary Mirror Obstruction by Area 9.05%  
Optical Coatings Aluminum with SiO<sub>2</sub>  
Optical Tube Length 457 mm (18")  
Optical Tube Weight 3.8 lbs (1.72 kg)  
Total Telescope Kit Weight 8.4 lbs (3.81 kg)  
Mount Height (Max) 1168 mm (46")  
Mount Height (Min) 737 mm (29")

