



Clifton Cameras Product Specification

Celestron 114LCM Computerised Telescope

Specifications

Optical Tube

Optical Design:	Newtonian Reflector
Aperture:	114mm (4.49")
Focal Length:	1000mm (39")
Focal Ratio:	f/8.77
Focal Length of Eyepiece 1:	25mm (0.98")
Magnification of Eyepiece 1:	40x
Focal Length of Eyepiece 2:	9mm (0.35")
Magnification of Eyepiece 2:	111x
Finderscope:	Built-on StarPointer™ red dot finderscope

Mount

Mount Type:	Motorized Altazimuth
Accessory Tray:	No Tool, Quick release
Tripod:	Aluminum
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
Apparent Field of View:	1.6°
Linear Field of View (@1000 yds):	84 ft (26 m)
Optical Coatings:	Fully Coated



Slew Speeds:	Nine slew speeds
Tracking Rates:	Sidereal, Solar and Lunar
Tracking Modes:	Alt-Az, EQ North and EQ South
Alignment Procedures:	SkyAlign, Auto 2-Star Align, 1-Star Align, 2-Star Align, Solar System Align
Computer Hand Control:	Fully Computerized / Flash Upgradeable
NexStar+ Database:	40,000 Object Database
Software:	Celestron Starry Night Basic Edition Software SkyPortal App

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.