



Sirius Optics
Unit 1
26 Darnick Street
Underwood, Qld 4119

Opening Hours

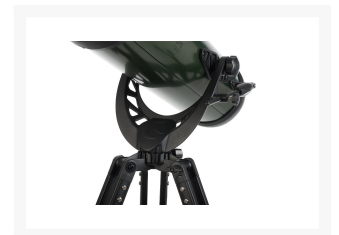
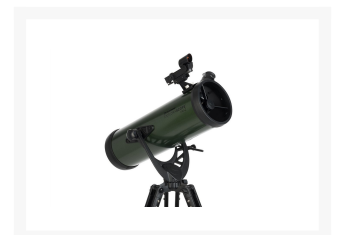
10am-5:30pm Mon-Fri
9am-2pm Sat

Phone: 07 3423 2355
www.sirius-optics.com.au

Celestron Explorascope 114AZ Telescope

AUD
\$339.00

Product Images



Short Description

- 114mm manual Newtonian reflector telescope with fully coated glass optics and a lightweight frame.
- Observe in no time with a quick and easy, no-tool setup.

- Accessories include: (20mm and 4mm), 3x Barlow lens, and a finderscope
- Slow motion rod control for smooth and accurate pointing.
- Adjustable height tripod includes an accessory tray.

Description

The Explorascopes 114AZ is a manual alt-azimuth, Newtonian reflector telescope perfect for celestial viewing on the go. The Explorascopes 114 can view the planets, moon, star clusters and brighter deep sky objects like the Orion Nebula and Andromeda Galaxy.

Setting up the telescope is a breeze. Even on your first time out, you can assemble the telescope and its accessories in just a few minutes. The total telescope kit weighs in at just 6.7 pounds—perfect for impromptu observing sessions or transporting wherever life's adventures take you.

Manual Alt-Azimuth telescope

Navigate the sky with a panning handle Alt-Az control with clutch for smooth and accurate pointing. Move the clutch in an up/down, left/right fashion to track your object in the eyepiece.

Accessories Included

The Explorascopes 114AZ comes with two eyepieces (20mm and 4mm), 3x Barlow lens, and a finderscope. Choose the erect Image 20mm eyepiece for low power and an upright image or the 4mm eyepiece for higher magnification views. The finderscope helps you quickly center an object in the eyepiece for easier observing. For even more magnification, connect your 3x Barlow lens to triple the power of each eyepiece. Combined with the Barlow lens, this telescope provides up to 150x magnification (20mm eyepiece) or 750x magnification (4mm eyepiece).

Starry Night Software

Download Celestron's Starry Night Software and learn about the night sky, celestial objects, and how to plan your next observing session. Celestron Starry Night Software is the premier astronomy software package on the market, providing resources and knowledge to view our Solar System and beyond.

OPTICAL TUBE INFO:

Optical Design	Newtonian Reflector
Aperture	114mm (4.5")
Focal Length	1000mm
Focal Ratio	f/9
Focal Length of Eyepiece 1	Erect Image 20mm (1.25")
Magnification of Eyepiece 1	50x
Focal Length of Eyepiece 2	Standard 4mm (1.25")
Magnification of Eyepiece 2	250x
Finderscope	StarPointer™ red dot finderscope
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	265x the unaided eye
Optical Coatings	Fully coated glass optics
Optical Tube Length	24"
Barlow Lens	3x (1.25")

MOUNT INFO:

Mount Type	Manual Alt-Azimuth
Height Adjustment Range (includes mount and tripod)	Aluminum, 52" max height
Total Telescope Kit Weight	6.7 lbs
Software	Starry Night Basic Edition, SkyPortal app

Specifications