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Celestron NexStar 8SE is a high quality telescope in the Schmidt-Cassegrain construction with an active diameter of 203mm (8"), ideal for visual observations and very good for astrophotography. The quality of obtained planetary images is not inferior to apochromats. It has a patented StarBright XLT coating, compared to version 6" collects 78% more light. The NexStar 8SE telescope is equipped with the GoTo system with a preset base of almost 40000 astronomical objects. The set includes a steel field tripod. OFFERED TELESCOPIC LETS START OBSERVATIONS ON THE FIRST WEATHER - INCLUDES ALL NECESSARY ACCESSORIES FULLY USE THE POSSIBILITY OF TELESCOPE BUY TO BUY 2-3 GOOD CLASSES GLASSES

Technical parameters

- Optical system: Schmidt-Cassegrain
- Aperture: 203.2 mm
- Coatings: StarBright XLT
- Focal mirror: F = 2032 mm
- Lighted: 1/10
- Useful magnification: 30 - 400x
- Switching capacity: 0.57"
- Star range: 14mag
- Mounting type: azimuth (you can buy a parallax wedge)
- Power supply: 8xAA (12 V, "fingers" batteries); can be powered from a cigarette lighter, PowerTank or a suitable DC power supply
- Secondary mirror construction: 63.5 mm
- Secondary mirror construction in relation to the lens diameter: 31%
- Secondary mirror construction in relation to the surface area of the collecting lens: 10%
- Optical tube material: aluminum
- Length of the optical tube: 43 cm
- Mounting the optical tube to the tripod: integrated dovetail
- Total weight: 15 kg (including: optical tube 11 kg, assembly with a head ? 4 kg)
- Usage: Moon, the planet, star clusters, nebulae
- PC control: Equipment
- Okular: SPL 25 mm (magnification 81x)
- StarBright XLT coatings
- Drive in two axes controlled by a remote control with a base of 38181 objects
- Steel tripod with shelf for accessories
- StarPointer finder
- Software on CD: NexRemote V1.6.14 & The Sky L1

Search and tracking system parameters

- computer manual control: display with two command lines - 16 characters, liquid crystal display, backlit buttons
- Tracking speed: 5° / sec, 3° / sec, 1° / sec, 64x, 16x, 8x, 4x, 1x, 0.5x
- tracking modes: Alt-Az, EQ North, EQ South (an essential paracidal wedge for EQ modes)
- alignment procedures: SkyAlign, Auto 2-Star Align, 1-Star Align, 2-Star Align, SolarSystem Align
- accuracy of the software: 24bit, 0.08 arcsec
- communication port: RS-232, Aux port, Camera Control
- tracking frequency: stellar, solar, lunar

Warranty 2 years

Warning! This device focuses a lot of light. Looking directly at the sun through this device can result in partial or complete loss of vision. For the observation of the Sun, we recommend the safest method of spectacle projection, that is, projecting the image of the target of our day star on a piece of paper.

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