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. The largest in the AVX series, the Schmidt-Cassegrain system telescope with a diameter of 28 cm (11 ") is a telescope of the Schmidt-Cassegrain system with a large aperture, despite the 28-cm diameter, the telescope is still compact and its usability is high diameter is enough to see many nebular objects, as well as to very efficient and effective observation of the planets of the solar system, thanks to the image of high contrast and resolution. Equipped with a T-Adapter and T-Ring, the tube performs well as a serious astrograph

Technical parameters

Optical tube

- â€¢ Lens diameter: 280 mm
- â€¢ focal length: 2800 mm
- â€¢ lighted: f / 10
- â€¢ the maximum usable magnification: 661 times
- â€¢ minimal useful magnification: 40 times
- â€¢ optical system: Schmidt Cassegrain
- â€¢ star range: 14.7 magnitudes
- â€¢ tube length: 610 mm
- â€¢ resolution: 0.5 "
- â€¢ finder: 9x50
- â€¢ material: aluminum
- â€¢ weight: 12 kg
- â€¢ counterweights: 3 x 5.4
- length of counterbalance bar: 30 cm
- â€¢ size of the counterweight bar: 19 mm

Tripod

- â€¢ material: steel
- â€¢ weight: 15.5 kg

Drive

- â€¢ controller: NexStar + with LCD display
- â€¢ facilities database: 40,000+ objects in the database
- â€¢ speed: 9 speeds, maximum 4 ° per second
- â€¢ motors: constant-current motors with encoders
- â€¢ power supply: 12V 3.5A
- â€¢ driving modes: EQ North, EQ South, Off
- â€¢ running speed: Star, Moon, Solar
- â€¢ available ports: 2x AUX, Autoguider, RS-232 (on the controller)
- â€¢ GPS: optional available
- â€¢ PEC: yes, with storage (PPEC)
- â€¢ Geographic widths: from 7 to 77 degrees
- â€¢ internal clock: yes
- â€¢ RA / DEC wheels: no

Glasses

- â€¢ 40 mm (1.25 ") for 70x magnification

Weight : 43 kg