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SkyWatcher 114/500 is a mirror telescope system Newton with a mirror diameter of 114 mm and a focal length of 500 mm. A large mirror guarantees many aesthetic impressions during astronomical observations. This telescope allows for relatively advanced visual observations of planets and the Moon, showing a large amount of details on the surfaces of these objects. Due to its construction, it is also recommended for observing nebular objects. Under good observational conditions, it can reveal over a hundred nebulae, galaxies and star clusters contained in the Messier and NGC catalogs. It also has a built-in focuser with a diameter of 1.25 inches, which allows the use of any glasses made in this standard. The whole is a perfect solution for both beginners and more advanced observers, guaranteeing a very competitive price. The telescope's EQ1 paraglider mount provides sufficient stiffness for observation at medium and high magnifications. The light, adjustable height aluminum stand is easy to carry, while the accessory shelf and the precise micromovement mechanism for manual control complete the set. THE OFFERED TELESCOPIC LETS START THE OBSERVATIONS IN THE FIRST FALLING NIGHT - CONTAINS ALL NECESSARY ACCESSORIES, OPTICAL OPTICAL TUBE OPTION, SET WITH GLASSES AND STATIC (ASSEMBLY) Technical parameters

- Optical system: Newton's telescope
- Lens diameter: 114 mm
- Focal length of the lens: 500 mm
- Lighted: 1 / 4.4
- Switching capacity: 1.02 "
- Theoretical range: 12.9 magnitudes
- Maximum useful magnification: 230x
- Dimensions of the optical tube [cm]: 15 x 15 x 41
- Height of the tripod [cm]: 65 - 120
- Weight: 12 kg

Usage Moon the planet star clusters nebulae scenery Equipment The set includes the following accessories:

- 1.25 "focuser
- Eyewear glasses 1.25 "H20 (over 25x), H12,5 (over 40x) and SR4 (over 125x)
- 5x24 targetting scope
- EQ-1 parallax mount with micromovements
- Lightweight, stable aluminum tripod with accessory shelf
- Warranty 3 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. READ : A SHORT OPTICAL CLEANER GUIDE

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[\[PDF\]](https://teleskopy.pl/pdf/tis/icon_download.gif) PHOTOS PERFORMED WITH THIS TELESCOPIC (Moon, click to enlarge)