



The new models of EDG VR observation telescopes are the first observation telescopes in the world equipped with an optical vibration reduction (VR) system. The vibration reduction algorithm, based on the advanced Nikon VR vibration reduction mechanism used in NIKKOR VR lenses, has been optimized for these telescopes. The VR vibration reduction mechanism precisely compensates for external vibrations caused by wind and activities such as focusing, panning and tilting. This facilitates the composition by reducing vibrations to approximately 1/8 of image shake caused by vibrations during normal observation. It also increases the accuracy of manual focusing during very close zooms in digiscoping. Vibration reduction allows the use of twice the exposure time and is particularly effective during digiscoping in adverse conditions, such as wind. The EDG VR observing telescopes also use proven Nikon glass ED (supernatural dispersion), which provides natural color reproduction and excellent sharpness of the image. In addition, simple scope models offer a multi-layered, reflective dielectric coating that provides higher reflectivity and better contrast than ever before.

Characteristics

- The world's first observation telescopes equipped with the Nikon optical vibration reduction (VR) mechanism.
- This reduces the oscillation to approximately 1/8 during the observation, which in digiscoping corresponds to using twice the shutter speed.
- Easy operation of vibration reduction. Pressing the VR button once turns the function on after turning the vibration reduction knob.
- VR automatically shuts off approximately 30 minutes after turning it on (automatic power off function).
- Used AA batteries are easily used.
- ED glass with supernatural dispersion provides compensation for chromatic aberration and greater readability and brightness of the image.
- A roof prism covered with a coating that corrects the phase shifts of the light waves guarantees a high resolution.
- A roof prism coated with a multi-layered, reflective dielectric coating provides greater image brightness (only simple spotting scopes).
- To guarantee a clearer picture, all lenses and prisms are covered with multilayer coatings.
- Waterproof (up to 2 m for 10 minutes) and anti-fog protection inside the structure due to nitrogen filling (the connector between the body and the eyepiece and between the body and the battery compartment are waterproof).
- Stylish design.
- Three holes for the tripod mounting screws allow for rigid mounting and ensure optimal balance.
- Seven spectacles designed exclusively for EDG observation telescopes (available as an option).
- Built-in, sliding cover protects the lens.

Technical parameters

- Optical construction: achromatic ED lens
- Diameter of the lens: 85 mm
- Minimum focusing distance: 6 mm
- Dimensions (length x height x width, mm) (tube itself): 398 x 141 x 104
- Weight

(tube alone): 2400 g (without batteries) â€¢ Coatings, optics: full multilayer coatings, coating correcting phase shifts, ED lens â€¢ Water resistance Nitrogen filling; waterproof up to a depth of 2 m under water for 10 min â€¢ Mounting the tripod adapter: non-rotating type, 3 screw holes for balancing the tube with digiscoping system or without. â€¢ Eyepiece mounting type: bayonet Configuration for observation: EDG 82 VR + FEP 20-60 eyepiece Configuration for shooting (digiscoping): EDG 82 VR + FEP 30W eyepiece + DSA N1 + Nikon 1 adapter (session from 29 May 2015, Botanical Garden in Al. Ujazdowskie in Warsaw, Nikon EDG 82-A VR + FEP-38x eyepiece + Nikon One adapter for EDG telescope + Nikon One J5 BK camera, the set here is the same scope of the telescope - click to enlarge, below also pictures by the aforementioned set made during this session) (below - pictures through a telescope, in configuration: Nikon EDG 82-A VR + FEP-38x eyepiece + Nikon One adapter for EDG telescope + Nikon One J5 BK camera; click to enlarge; note: full size, original size photos, large , made spontaneously and without any processing - show the result obtained "quickly", without additional preparations, distances 30-400 meters)