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Docter 8x58 BCF is a professional night-vision binoculars produced by the German company Analytik Jena. A characteristic feature is the rarely used objective diameters of 58 mm, which, in combination with an 8-fold magnification, gives the exit pupil with a diameter of 7.25 mm. At the same time, it is characterized by optical efficiency at an elevated level of 95%. It is a pair of binoculars, which basically do not need to be presented. Not surpasses the top Swarovski SLC 8x56 binoculars, it is much cheaper than it, being a strong alternative to Austrian optical products. The Docter 8x58 BCF binoculars are definitely heavy, even when compared to porro-prism binoculars, such as Fujion FMTR-SX. This is mainly due to the construction and size of the prisms used. However, it repays its image excellence, outstanding brightness, lack of edge darkening (vignetting), negligible coma and astigmatism, well-balanced construction and - which should not be forgotten - are directly related to greater image stability. The binoculars are nitrogen-filled, waterproof and shockproof. The body and housing were made of very high quality plastics, and the whole was covered with anti-slip rubber for a certain grip. This is not a device that must be considered extraordinary, but

typically useable. The main purpose is obviously twilight and night hunting, so as a hunting binoculars it was designed to check the most difficult lighting and weather conditions, serving the owner for many years. Technical parameters

- Lens diameter: 58 mm
- Zoom: 8x
- Optical system: 4 element lenses, 5 element glasses, Abbego-Koenig prisms
- Exit pupil: 7.25 mm
- Retraction of the exit pupil: 20 mm
- Construction of prisms: dachpryzmatyczna
- Material of glass elements: optical glass BaK-4
- Minimum distance of observation: 3.5 m
- Field of view: 6.7 ° / 117 m / 1000 m
- Optical system efficiency: around 95%
- Twilight efficiency: 21.5
- Anti-reflective layers: DOCTERMulitop on all glass-air boundaries
- Rubberized body: YES
- Resistance to weather conditions: YES
- Water resistance: YES, up to 3 meters
- Nitrogen filling: YES
- Focus adjustment system: central + tuning to the eye defect in at the center dial (internal focusing)
- Weight: 1520 g

Usage scenery birds hunting sailing military Warranty 30 years