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The Delta Optical Delta-T 9x45 HD RF binoculars are one of the few optical instruments available on the market that combines unsurpassed image quality guaranteed by the use of fluorite glass and the functionality of a professional rangefinder. Fluorite is a naturally occurring material near hydrothermal veins and in igneous rocks. It is characterized by an extremely low refractive index ($n = 1.4$), unattainable even for the best types of optical glass. This unique feature of fluorite allows lenses made of it to obtain an image almost free of chromatic aberration, ensuring perfect color reproduction as well as excellent contrast. In order to further improve the image quality, fluorite lenses are covered with a full multi-layer anti-reflective coating, resulting in a sharp and clear image even in poor lighting conditions. The parameters of the laser rangefinder used in this pair of binoculars are not inferior to those of similar devices, dedicated to professional applications. It is characterized by extremely high precision and instant distance measurement, and the measured distance is displayed to the user by means of an OLED screen, the brightness of which can be adjusted according to individual preferences. The whole structure is closed in a sealed housing made of magnesium and filled

with nitrogen, which means that the equipment is not afraid of difficult weather conditions, such as rain and snow or low temperatures. The most important features of the Delta Optical Delta-T 9x45 HD RF binoculars " optics made of fluorite glass guaranteeing the highest image quality and faithful color reproduction " Schmidt - Pechan prisms allowing to obtain a compact and compact design " Integrated laser rangefinder with a range of over 2300 m " accuracy of the measurement at a distance of 1 m over a distance of 1 km and ± 2 m above 1 km " distance measuring time of less than 0.25 s " slope, height difference and horizontal distance measurement function Technical specifications " magnification: 9x " Objective diameter: 45 mm " exit diameter: 5 mm " distance from exit pupil: 17 mm " prism construction: Schmidt-Pechan / BaK-4 roof prisms " field of view: 6.7 ° / 117 m @ 1000 m " anti-reflective coatings: full multi-layer coating " material of the optical system: fluorite glass " focus adjustment: external, central " diopter adjustment: left eyepiece, -4 to +4 " adjustment of the pupil track: yes " minimum observation distance: 3.5 m " display type: OLED " display color: red " rangefinder: yes, laser " laser device class: FDA Class 1 / IEC Class 1 " laser wavelength: 905 nm " Accuracy of distance measurement up to 1000 m: ± 1 m " Accuracy of distance measurement over 1000 m: ± 2 m " distance measuring time: <0.25 s " minimum distance for measuring distance: 13.5 m " maximum distance measurement range: 2377 m (reflective surface), 1828 m (buildings), 750 m (deer) " tilt angle measurement: yes " Inclination angle measuring range: -70 ° to 70 ° " measuring accuracy of the angle: <1 ° " altitude difference measurement: yes " horizontal distance measurement: yes " scan mode: yes " maximum scan time: 20 s " power supply: CR2, 3 V battery " Battery life: up to 3000 measurements " automatic switch-off: after 10 seconds " body material: magnesium " charging with inert gas: yes, nitrogen " water resistance: yes, IPX7 " dimensions: 154 x 127 x 68 mm " weight: 965 g Kit components " binoculars Delta Optical Delta-T 9x45 HD RF binoculars " case " case strap " a strap for binoculars " eyepiece cover " a lens cap " optics cleaning cloth " operating manual " Warranty Card Warranty 120 months