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Thermo vision binoculars Dipol TG1 is the first in the form of binoculars (for two eyes), thanks to which the user gains exceptional comfort of use. TG1 has the largest lens available on the Polish market with a focal length of 75 mm, which allows the detection of a man at a distance of not less than 1,500 meters. The optical zoom is 4x and can be increased up to 16x in combination with digital zoom. The high refreshment rate is ideal for observing a dynamically changing scene. Thermo vision binoculars TG1 is powered by three CR123A batteries, which allows for continuous observation for up to 6 hours. The binoculars have been designed for observation both at night and during the day. Despite the large lens, the binoculars are still relatively light, compact and compact. The exceptional advantages include a large field of view, excellent image sharpness in the whole field of view, including the edges, thanks to which the picture is clean and clear. TG1 binoculars do not have such phenomena as freezing the image at several-odd intervals or unnatural accompanying sounds. In practice, the binoculars' operation during switching on and observing is completely bland. Regardless of whether the hunter is close or far away from the target, the perfect optical system provides a sharp picture, enabling recognition of all necessary details. TG1 binoculars are distinguished by excellent visibility even in the most difficult lighting conditions. Usage forestry hunting sailing nature fishing

Technical parameters

- â€ detector: non-cooled microbolometer with sensitivity in the range of 7-14 μ m
- â€ refreshment: 50 Hz
- â€ focal length of the lens: 75 mm
- â€ magnification: 4x
- â€ zoom with digital zoom: 4x, 8x, 16x
- â€ resolution: 384 x 288
- â€ color palette: hot white / hot black
- field of view: 11 x 8 degrees
- â€ the range of adjustment of the spacing of pupils: 56 - 72 mm
- â€ minimum observation distance: 4 m
- â€ detection range: minimum 1500 m
- â€ start time: 10 s
- â€ power supply: 4 x AA (4 - 6 V)
- â€ external power supply: 8 V - 16 V
- â€ working time (3xCR123): 6 h (additional 230 V power supply option)
- â€ temperature: -20 to + 50 ° C
- â€ degree of protection: IPx 6
- â€ dimensions: 225?139?85 mm
- â€ weight with batteries: 1.2 kg

Warranty 1 year >> FREQUENTLY ASKED QUESTIONS << Question : What is the difference between a night vision device and the thermal imager? Answer: Night vision enhances visible light (380 - 780 nm) and slightly near infrared. The thermal

imager is sensitive to electromagnetic waves of greater length, on the order of a few or a dozen microns, that is, several dozen times longer. EM waves, to which the typical thermal imager is sensitive, correspond to thermal (thermal) radiation. Night vision requires light that can strengthen (that's why in the dark we need IR radiators), the thermal imager also works in total darkness, in fog, smoke, etc. The advantage of night vision, apart from simply other imaging and in connection with this other perception of details is higher resolution and lower price. The advantage of thermovision is to work in all conditions and to easily detect heat sources, which is of fundamental importance in rescue, and is useful, among others hunting, property protection, sea navigation, and natural observation.