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Digisight LRF N870 digital night vision scope is designed for observation and shooting in difficult lighting conditions - at dusk or even at night. The Digisight LRF N870 uses an integrated laser rangefinder - it is the first and only night vision device available for civilian users! Digisight N870 has an invisible infrared illuminator 915 nm. The viewfinder uses a CCD sensor with a very high sensitivity that works with illuminations ranging from 0.00003 to 30,000 lux. The image from the matrix is transferred to an OLED display with a resolution of 640x480 pixels, it is sharp, contrast and legible. Thanks to OLED technology, it is possible to use the equipment at temperatures from -20 to +50 degrees Celsius. Digisight LRF N870 is a multitasking device equipped with many options useful for the modern shooter. On the screen, in addition to the crosses, you can see various types of relevant information about the functioning of the equipment. The menu options include brightness and contrast settings. The night vision device is equipped with the SumLight function. This function allows you to sum up data from individual image frames to improve the view range. One of the most interesting functions is the ability to zero the crosses with the "One Shot Zeroing" method. The cross in this method is set electronically according to a visible bullet, this method is much faster and more convenient than traditional one. Digisight LRF N870 has a built-in invisible laser infrared illuminator (915nm wavelength, security class 1), it is an illumination with a much greater range than in the case of traditional diaphragm shuttles. In addition, an additional external infrared illuminator can be connected via one of the Weaver rails. A special wireless controller (remote control) was included in the set that allows you to operate basic functions without touching the body of the night vision device. In this way, you can control, among other things, turning on and off the viewfinder, IR illuminator or digital zoom settings. Digisight has a video output designed for recording the image on an external recorder. This output can work in the CCIR standard, as well as in the EIA standard. The crosshair has one cross. This cross is displayed in electronic form and can be easily changed to another one. All you have to do is choose one of the sighting grids available at www.pulsar-nv.com. The cross color can be changed, green and red can be set. Digisight LRF N870 is resistant to daylight as well as to strong artificial lights (flashlights, reflectors). It can be mounted on virtually any weapon with a recoil of less than 6000 J. The power finder uses 4 rechargeable AA batteries, or it can be powered by an optional EPS3 or EPS5 battery. The latter allows you to use the equipment for 20 hours without interruption. Technical parameters: generation: digital; magnification: 4.5x (6.75x digitally); lens: 50 mm F / 1.0; field of view: 5 degrees (4.5x), 3.25 degrees (7x); distance of the pupil: 67 mm; size of the pupil: 6 mm; resolution: 55 lines / mm; detection range: 600 m; built-in illuminator: laser; wavelength: 915 nm (invisible); dioptric regulation: -5 to +3; sharpening distance: 5.5 m.

converter: Sony ICX659AL resolution: 582x500 video output: CCIR / PAL black and white display: OLED VGA 640x480 0.33 inch display size supply voltage: 6 V power supply (optional): 9 to 15 V, 3 W protection class: IP44 operating temperature: -20 to + 50 ° C working time (4xAA): 4 hours (3.5 hours with an illuminator) dimensions: 340x95x94 mm weight: 1 kg Range specified for human detection at 0.05 lux (Moon in square)
Warranty 3 years