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Pulsar Forward in the new version! Pulsar Forward F135 and F155 is another stage in the evolution of the digital night vision, which is gaining more and more recognition not only among amateurs of amateur observations of nightlife, but also among professionals, hunters, and uniformed services. Pulsar Forward is the first in our market digital night vision devices for use with 42, 50 and 56 mm lens objectives. Forward F135 has a lens with a diameter of 30 mm and a focal length of 36 mm, which gives a range of 370 m, while the F155 has a larger 50 mm lens with a focal length of 50 mm, which provides a range of 450 m observation. Both models have been thoroughly redesigned, so their the dimensions and weight are incomparably smaller than the predecessor. The use of a simple optical path significantly lowered the total altitude of the night vision device, making it more ergonomic. New to the DFA75 / DN55 night vision device is a completely new 1/3 "CMOS sensor with extremely high spectral sensitivity, up to 0.000015 mW / 780 nm, which translates into a longer range, significantly lower image noise and sharper details of the observed The CMOS sensor also ensures lower power consumption compared to the "old" CCD sensor, so the operation time on a fully charged IPS5 battery has risen to 9 hours, the lightweight and efficient IPS battery in the Forward F night vision goggles was made in the Lithium-ion technology. The Forward F135 / F155 is a 5V microUSB external power supply socket, which means you can power it from popular power banks or a network / car phone charger. The device is completely resistant to external conditions, it can be temporarily immersed in water (IPX7 protection level). The biggest novelty in the Digiforce series is the built-in Wi-Fi network. The night vision device can communicate with external mobile devices on which, through a dedicated Pulsar StreamVision application, you can view the image, control the night vision functions, and even conduct live broadcasts using YouTube. Built-in invisible 940 nm laser illuminator with 3-speed power control ensures efficient long-range target illumination, also in total darkness. Technical parameters ∅ observation range: 450 m ∅ sensor: CMOS ∅ resolution of the sensor (W x H): 702 x 526 pixels ∅ magnification: 1x ∅ AMOLED display ∅ power parameters: IPS5, IPS10 ∅ lens: F / 1.2 ∅ display resolution: 640 x 480 pixels ∅ picture colors: black and white ∅ field of view: 5 ° / 87 m / 1000 m ∅ operating time: 9 hours ∅ external power supply: microUSB (5V) ∅ internal memory: 16 GB ∅ recommended range of magnification: 4-8 x Warranty 2 years