



Night Vision PVS-7-NV

Product Specification

Physical Parameters

- Bare size: Length ≤ 152 mm
- Width ≤ 133 mm
- Height ≤ 50 mm
- Weight: ≤ 455 g
- Bracket Weight: ≤ 200 g
- Soft helmet weight: ≤ 424 g

Optical Parameters

- Field Angle: 24°
- Optical Zoom: 5x, 7x, 12x manual
- Diopter: -5 to +5 D
- Image tube generation: ≥ 2 nd
- Resolution: 2640 lp/mm
- Focus Range: 25 cm to ∞

Other Parameters

- Power: 16340 or CR123A battery
- Battery life: 260 hours
- Night vision mode: Green low-light level, pseudo color
- Detection distance: 2800m (low light, 2.3m^2 target)
- Identification distance: 2300m (low light, $1.8\text{m} \times 0.5\text{m}$ target)
- Operating temp: -45°C to $+55^\circ\text{C}$
- Waterproof: Ip67
- Identification Distance: 2300 meters (low light level environment, $1.8\text{m} \times 0.5\text{m}$ human body as reference)
- Temperature Requirement: -45°C to $+55^\circ\text{C}$
- Enclosure Protection class: Ip67

Description

This compact night vision monocular boasts exceptional range in a lightweight design. At under 15cm long and 455g, it's easy to carry. The included bracket allows for hands-free use. Choose from 5x, 7x, or 12x manual zoom for optimal magnification. Its wide 24° field of view lets you scan large areas. Day or night, see clearly with a minimum focus distance of 25cm and high resolution (2640 lp/mm). Adjust the diopter (-5 to +5 D) for personalized viewing. This night vision device offers both green low-light level and pseudo color modes. Detect objects up to 2800m away and identify them at 2300m (low light conditions). With a long battery life (260 hours) and an operating temperature range of -45°C to $+55^\circ\text{C}$, this monocular is built to perform in any environment. Water resistant (IP67), it can withstand tough conditions.

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