

NOVA A100



Night Vision Monocular

#NightVision



HIGH PERFORMANCE AT LOW LIGHT LEVELS
GEN2+/GEN3 HIGH PERFORMANCE IMAGE INTENSIFIER
WIDE FIELD OF VIEW
ERGONOMIC
COMPACT & LIGHT WEIGHT

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The NOVA A100 is a modular, high-resolution night vision system engineered for diverse operational requirements, ranging from nighttime surveillance to complex search and rescue missions. Its monocular architecture is designed to maximize situational awareness, allowing the operator to utilize amplified vision in one eye while maintaining natural night adaptation in the other. Integrated with a built-in IR illuminator for total darkness scenarios, the system ensures consistent optical performance across the most challenging tactical environments.

A versatile, single-AA-battery-powered monocular optimized for high-fidelity imaging and rapid field deployment. The NOVA A100 provides a lightweight, ruggedized platform that integrates seamlessly with helmets, face masks, or weapon stations to maintain a continuous tactical advantage in low-light conditions.

General Specifications

Multi-Platform Integration: Engineered for full compatibility with helmets, NBC masks, and Picatinny (MIL-STD-1913) weapon adapters to support mission-specific adaptability.

Operational Efficiency: Delivers high-resolution 1X magnification with an adjustable diopter and an integrated IR illuminator for optimized clarity in degraded visual environments.

Ruggedized Reliability: Certified to MIL-STD-810G standards, featuring extreme thermal stability from -51°C to +51°C and 1-meter submersible water resistance.

Technical Specifications

- Magnification : 1x
- Field of View : 40°
- F/# : 1.23
- Eye Relief : 25 mm
- Min. Focus Range : 25 cm
- Diopter : -6/+2
- Weight : 320 g
- Battery : 1x AA 1.5Vdc

