



AGM  
GLOBAL  
VISION

# NVM-50

## NIGHT VISION MONOCULAR

The NVM-50 is the standard by which all compact multi-use monoculars should be judged, now and in the future. The NVM-50 employs optics that are equal or superior to current Military-issue night vision devices, built into a rugged, compact, and ergonomic composite housing. We built this device to exceed user expectations and MIL-SPEC-810 specifications; as a result, the NVM-50 offers unmatched performance even in rain, salt water, temperature extremes, and high-humidity environments. Its 51° field of view (FOV) covers a large visual range, without requiring the operator to shift the position of the device.

The NVM-50 is available with a vast array of accessories, including 3x and 5x magnification lenses for mid to long-range viewing; head or helmet mounts to enable handsfree operation; a variety of different weapon mounts for tactical use or hunting; and, a detachable IR illuminator for long-range use.



- Wide 51° field of view
- Compact, sturdy design
- Head- or helmet-mountable for hands-free usage
- Weapon-mountable
- Bright light cut-off system
- Ergonomic, simple, easy-to-operate controls
- Utilizes a single CR123A Lithium or AA battery
- Built-in Infrared illuminator and flood lens
- Limited 3-year warranty



Equipment described herein is subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited.

[www.agmglobalvision.com](http://www.agmglobalvision.com)

## SPECIFICATIONS

Image Intensifier Tube	Gen 2+ or Gen 3
Magnification	1x (3x and 5x optional)
Lens System	19 mm; F/1.26
FOV	51°
Focus Range	0.25 m to Infinity
Eye Relief	17 mm
Diopter Adjustment	-6 to +2 diopters
LED Indicators (in the FOV)	- Low Battery - IR On - Excessive Light Conditions
Automatic Brightness Control	Yes
Bright Light Cut-Off	Yes
Automatic Shut-Off System	Yes
Infrared Illuminator	Yes; Two power levels
Battery Type	One CR123A (3V) or AA (1.5 V)
Battery Life (Operating)	Up to 40 hours at 20°C
Operating Temperature Range	-40°C to +50°C (-40°F to +122°F)
Storage Temperature Range	-50°C to +50°C (-58°F to +122°F)
Weight	0.34 kg (0.75 lb)
Overall Dimensions	160 × 54 × 79 mm (6.3 × 2.1 × 3.1 in)
Dimensions (without Eyecup and Lens Cap)	110 × 49 × 73 mm (4.3 × 1.9 × 2.8 in)
Package Includes	Night Vision Monocular, Lens Cloth, Soft Carrying Case, Manual

Specifications are subject to change without notice.

## OPTIONAL EQUIPMENT

Afocal Magnifier Lens Assembly, 3X  
(P/N 61023X51)

Afocal Magnifier Lens Assembly, 5X  
(P/N 61025X51)

Goggle Kit W  
(P/N 6104GKW1)

Helmet Mount W-MP for MICH and PASGT Helmets  
(P/N 6103HMMW1)

Helmet Mount W-S for Shroud  
(P/N 6103HMS1)

Demist Shield  
(P/N 6101DS51)

Sacrificial Window  
(P/N 6101SS51)

Quick-Release Weapon Mount  
(P/N 6107QRM1)

Sioux850 Long Range Infrared Illuminator with Mount, Dovetail to  
Weaver Transfer Piece, Rechargeable Battery, and Charger  
(P/N 501SIOUX850IR1)

Hard Case  
(P/N 6610HCS1)



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