



# NVM51

## NIGHT VISION MONOCULAR

The NVM51 is the standard by which all compact multi-use monoculars should be judged, now and in the future. The NVM51 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 NVM51 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 NVM51 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 hands-free 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 battery
- Built-in Infrared illuminator and flood lens
- Limited two-year warranty



**EXPANDED 51° FOV**



**STANDARD 40° FOV**



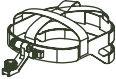


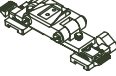



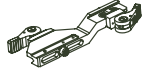
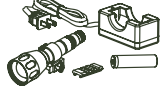

## SPECIFICATIONS

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 dpt
Led Indicators	Low battery; IR On; Excessive light conditions
Manual Gain 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	0.31 kg (0.7 lbs)
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, Operator's Manual

Specifications are subject to change without notice.  
Images are for illustration purposes only.



## OPTIONAL EQUIPMENT

	3x Afocal Magnifier Lens Assembly <b>PART #: ANAM3X000P</b>
	5x Afocal Magnifier Lens Assembly <b>PART #: ANAM5X000P</b>
	Goggle Kit M51 <b>PART #: ANHGXX0001</b>
	M51MP Helmet Mount <b>PART #: ANHMXX0001</b>
	M51S Helmet Mount <b>PART #: ANHMXX0004</b>
	M51 Dual Bridge <b>PART #: ANAHMXX0001</b>
	Demist Shield M51 <b>PART #: ANLCXX0001</b>
	Sacrificial Window M51 <b>PART #: ANLCXX0002</b>
	Shutter Eyeguard M51 <b>PART #: ANECXX0001</b>
	M51 Quick-Release Weapon Mount <b>PART #: ANAMXX0001</b>
	Sioux850 Long Range Infrared Illuminator with Mount, Dovetail to Weaver Transfer Piece, Rechargeable Battery, and Charger <b>PART #: ANKIXX0001</b>
	Hard Case <b>PART #: ANHCXX0001</b>



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