



AGM  
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VISION

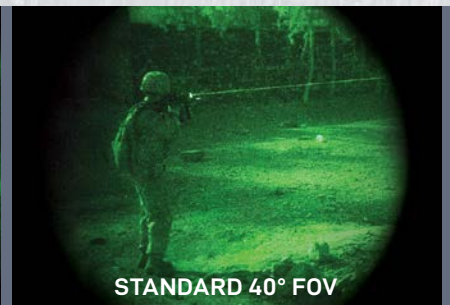
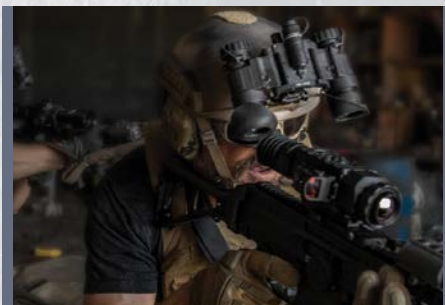
# NVG-50

## NIGHT VISION GOGGLES / BINOCULARS



The AGM NVG-50 is a dual-channel night vision system. With a 51° field of view (FOV), it provides a large visual field without needing to move the binoculars. The NVG-50 uses advanced multi-coated optics and is built to last with a compact composite housing. The device can be outfitted with either a Gen 2+ or Gen 3 high-performance image intensifier tube (IIT). The bright light cut-off feature ensures that the high-quality photocathode tube is protected. The NVG-50 is also equipped with Manual Gain Control, which adjusts the image brightness, providing the highest possible image quality even in changing light conditions. Operating from a single AA alkaline battery or CR123A battery, the NVG-50 can run up to 20 hours. Also equipped with an integral infrared illuminator for reading in the dark.

- Redundant dual-tube design
- True stereoscopic vision
- Wide 51° field of view
- Lightweight & compact
- Head or helmet mountable for hands-free operation
- Bright light cut-off
- Manual gain control
- Ergonomic, simple, easy to operate controls
- Built-in Infrared illuminator and flood lens
- Utilizes single CR123A lithium or AA battery
- 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.

## SPECIFICATIONS

Image Intensifier Tube	Gen 2+ or Gen 3
Magnification	1x
Lens System	19 mm, F/1.26
FOV	51°
Focus Range	0.25 m to Infinity
Diopter Adjustment	-6 to +2 diopters
Interpupillary Distance	56 to 72 mm
Eye Relief	17 mm
LED Indicators (in the FOV)	- 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 20 hours at 20°C (up to 80 hrs with optional battery pack)
Operating Temperature Range	-40°C to +50°C (-40°F to +122°F)
Storage Temperature Range	-50°C to +70°C (-58°F to +158°F)
Weight	615 g (1.35 lb)
Overall Dimensions	112 x 118 x 74 mm (4.4 x 4.6 x 2.9 in)
Package Includes	Night Vision Goggles, Goggle Kit, Soft Carrying Case, Lens Cloth, Battery Adapter, User Manual

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

## OPTIONAL EQUIPMENT

G50 Afocal Magnifier Lens Kit, 3X (2 lenses and adapter)  
(P/N 6102LK51)

Goggle Kit W  
(P/N 6104GK51)

Helmet Mount Kit  
(P/N 6103HM51)

Helmet Mount for Shroud  
(P/N 6103SNG1)

Battery Pack Kit  
(P/N 6108EBP1)

Sioux850 Long Range Infrared Illuminator with Mount, Dovetail to Weaver Transfer Piece, Mini-Rail Interface Shoe, Rechargeable Battery, and Charger  
(P/N 501SIOUXKIT1)

Hard Case  
(P/N 6610HCS1)



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