



AGM  
GLOBAL  
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.

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

## 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 dpt
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 lbs)
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.

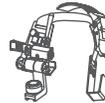
## OPTIONAL EQUIPMENT



**G50 Afocal Magnifier Lens Kit, 3X**  
(2 lenses and addapter)  
PN: 6102LK51



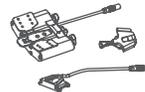
**Goggle Kit W**  
PN: 6104GK51



**Helmet Mount Kit**  
PN: 6103HM51



**Helmet Mount for Shroud**  
PN: 6103SNG1



**Battery Pack Kit**  
PN: 6108EBP1



**Sioux850 Long Range Infrared Illuminator with Mount, Dovetail to Weaver Transfer Piece, Mini-Rail Interface Shoe, Rechargeable Battery, and Charger**  
PN: 501SIUOXKIT1



**Hard Case**  
PN: 6610HCS1



MAIN OFFICE | 173 West Main Street | PO Box 962 | Springerville, AZ 85938, USA  
Tel. +1.928.333.4300 | Fax +1.480.393.4882 | info@agmglobalvision.com | www.agmglobalvision.com

EUROPEAN OFFICE | Andrey Lyapchev #7 | Sofia, P.C. 1756 | Bulgaria  
Tel. +44.292.255.0509 | info@agmglobalvision.eu | www.agmglobalvision.eu

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