

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
- 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
FOV	51°
Lens System	19 mm, F/1.26
Diopter Adjustment	-6D to +2D
Eye Relief	17 mm
Interpupillary Distance	56 to 72 mm
Focus Range	0.25 m to Infinity
Manual Gain Control	Yes
Infrared Illuminator	Yes; Two power levels
LED Indicators (in the FOV)	- Low Battery - IR On - Excessive Light Conditions
Bright Light Cut-Off	Yes
Automatic Shut-Off System	Yes
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	-40°C to +50°C (-40°F to +122°F)
Storage Temperature	-50°C to +70°C (-58°F to +158°F)
Dimensions	112 x 118 x 74 mm (4.4 x 4.6 x 2.9 in)
Weight	615 g (1.35 lb)

Package Includes: Night Vision Goggles, NVG Interface Shoe, Bayonet/Horn Interface Shoe, Demist Shield (2), Sacrificial Window (2), Soft Carrying Case, Lens Cloth, Battery Adapter, User Manual

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

OPTIONAL EQUIPMENT

AGM G50 Afocal Magnifier Lens Kit, 3X (2 lenses and adapter)
(P/N 6102AFK1)

AGM Goggle Kit W G50
(P/N 6104GK51)

AGM Helmet Mount G50MP for MICH and PASGT Helmets
(P/N 6103HM51)

AGM Helmet Mount G50S for Shroud
(P/N 6103HS51)

NVG Interface Shoe with Connector
(P/N 6108ISCI)

Mini-Rail Interface Shoe
(P/N 6506MRN1)

Battery Locking Plate Adapter
(P/N 6108BLP1)

Battery Pack
(P/N 6108BPA1)

External Battery Pack Kit G50
(P/N 6108EBP1)

AGM Sioux850-W Kit (includes Sioux850 Long-Range Infrared Illuminator, Mount, Adapter, Rechargeable Battery and Charger)
(P/N 501SIOW850IR1)

Hard Case
(P/N 6610HCS1)



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