

UNVG-51

ULTRALIGHT NIGHT VISION GOGGLES

The AGM UNVG-51 is a dual-channel night vision system. The UNVG-51 uses advanced multi-coated optics with an expanded 51 degree field of view and is built to last with a compact composite housing. The device can be outfitted with a Gen 2+ or Gen 3 high-performance image intensifier tube (IIT). The UNVG is also equipped with manual gain control, which adjusts the image brightness, providing the highest possible image quality even in changing light conditions. The independent movement of the tube pods allows for single or dual eye configurations for increased operational flexibility. Each tube automatically turns off when its pod is turned sideways. Operating from a single AA alkaline battery, the UNVG can run up to 15 hours. With an external battery pack (included), the operating time increases to 50 hours! Also equipped with an integral infrared illuminator for reading in the dark. The device can be installing to a either standard dovetail type headset and helmet mount.

- Wide viewing angle of 51°
- Low Power Consumption Design: Utilizes single AA battery or external battery pack.
- Auto Off Feature: Each tube automatically turns off when its pod is turned sideways.
- Corrosion and Impact-Resistant Housing: Matte black finish with PEEK+Glass fiber material for longevity.
- Quick Attachment Design: Dovetail base support for strong compatibility and durability.
- PVS-14-style Compatible: Objective lens and eyepiece lens are compatible with PVS-14 style components and attachments.
- Independent Pod Movement: Pods can roll up and down for quick configuration changes.
- Ultralight Housing: 19.4 oz / 550 g weight means improved mobility, responsiveness, and reduced fatigue.
- Single/Double Eye Configuration: Pods independently adjustable for improved operational flexibility.
- IR Complement Function: Infrared illuminator for enhanced visibility in total darkness and close quarters environments.
- Manual Gain Control: Adjust image intensifier gain for optimal vision preferences.
- New Simplified IP Stop Design: Improve IP Stop design allows you to set your tube positions to what is most comfortable for the user.



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	19mm, F/1.26
FOV	51°
Exit Pupil Diameter	12 mm
Focus Range	0.25 m to Infinity
Diopter Adjustment	-6 to +2 diopters
Interpupillary Distance	56 to 72 mm
Eye Relief	17 mm
Manual Gain Control	Yes
Auto-Off System	Yes
Infrared Illuminator	Yes
Battery Type	One AA (1.5 V) or External Battery Pack (four AA or two CR123A)
Battery Life (Operating, 20°C, IR off)	One AA - up to 15 hours External Battery Pack (four AA) - up to 50 hours External Battery Pack (two CR123A) - up to 30 hours
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)
Protection Level	IP67
Weight	Goggles: 550 g (1.2 lb) External Battery Pack: 250 g (0.55 lb)
Overall Dimensions	Goggles: 101 × 116 × 85 mm (4.0 × 4.6 × 3.3 in) External Battery Pack: 102 × 86 × 34 mm (4.0 × 3.4 × 1.3 in)
Package Includes	Night Vision Goggles, External Battery Pack, Connecting Cable with Battery Adapter, Demist Shield (2), Sacrificial Window (2), Neck Strap, Carrying Case, Lens Cloth, User Manual, AA Battery

Specifications are subject to change without notice.
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