

NVAG-9 (AG)

Night Vision Aviator Goggle with Auto-Gating Technology



The NVAG-9 consists of a lightweight binocular, which can be mounted to a variety of helmets using the mounting adapter. Simple to operate, the system is powered by a dual-compartment battery pack that provides the pilot with immediate reserve power. The power pack uses AA alkaline batteries (provided).

The NVAG-9 goggles are equipped with US-made Generation 3 image intensifiers which incorporate Auto-Gating Technology. These image tubes offer the highest user performance level available at all light levels. Non auto-gated tubes are also available.

The 25mm eye-relief eyepieces consistently provide high quality imagery regardless of exact eyepiece positioning. Most importantly, they ensure that all air crew members retain the full 40° field of view, even those who wear prescription corrective lenses. The binocular also provides individual interpupillary adjustment. This simplifies the task of centering the eyepiece to each eye. To maximize viewing and comfort, the NVAG-9 also features a fore /aft adjustment over a range of 27mm and a tilt adjustment over a range of 10 degrees.

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FEATURES

- Aluminum Construction
- Gen 3 High Resolution Image Intensifier
- High Brightness Gain
- Auto-Gating Technology
- Automatic Brightness Control
- Individual Interpupillary Distance Adjustment
- 25mm Eye-Relief distance
- Low Distortion Optics
- Compatible with Most Flight Helmets
- Class B Coated Objective Lenses (Class A, Class C and UK 645 also available)
- Direct Interface to ANVIS Helmet Mount (optional)

For more information on the NVAG-9 or other Nivisys products call (915) 633-8354 or visit us on the web at www.nivisys.com.

NVAG-9 BASIC SYSTEM:

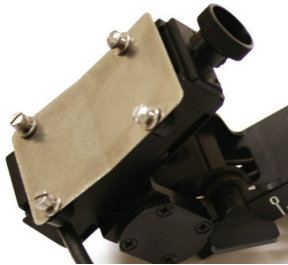
- NVAG Assembly
- Hard Carrying Case
- AA Batteries (4)
- Lanyard
- Lens Caps (4)
- Lens Tissue
- Battery Cartridges (2)
- Helmet Mount
- Battery Pack
- Quick Disconnect
- Operator Manual (not shown)



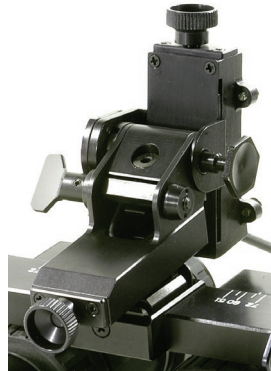
FEATURES



Helmet Mount
Flip-Up style.



Quick Disconnect
Attaches NVAG to visor / helmet.



NVAG Adjustments
Fully adjustable tilt, interpupillary, vertical, fore and aft.

OPTIONS



A-BAM (Optional)
Battery Module allowing for over 40 hours continuous use when used without a helmet.



ANVIS Mount Adapter
Fully adjustable tilt, interpupillary, vertical, fore and aft.



Adapter Plate
For ground helmet conversion.

SPECIFICATIONS*

Spectral Response	Visible to 0.90µm (IR)
Field of View	40° nominal
Magnification	1X (unity)
System Resolution	≥1.3cy/mR
Brightness Gain	5500 fL/fl, min
Collimation	≤ 1° convergence/divergence ≤ 1/3° dipvergence
Interpupillary Adjustment	Independent, 51mm to 72mm
Vertical/Fore-Aft Adjustment	25mm/27mm
Tilt Adjustment	10° range
Objective Lens	F/1.23, T/1.30
Objective Lens Filters	Class A, B, C, UK 645 available
Objective Lens Focus	41cm to infinity
Eyepiece Lens	Eye Relief Distance 25mm
Eyepiece Focus Adjustment	+2 to -6 Diopters
Flip-Up/Flip-Down	Button Release
Automatic Breakaway	10 to 15g
Battery Life/Type	40 hours/(2) AA alkaline
Binocular Weight	524g
Mount Weight	147g
Operating Temperature Range	-32°C to + 52°C

*Specifications are subject to change without notice.