

NVS 7-3/8xAGBW

AUTO-GATED BLACK & WHITE
NIGHT VISION BINOCULAR



Display

The NVS 7-3-8xAGBW an advanced iteration of the battle-proven NVS 7 series, delivers unmatched optical performance for defense, maritime, and search-and-rescue (SAR) operations in zero-illumination environments. Engineered for mission-critical reconnaissance and command applications, this binocular system combines 8x magnification with a wide 5° field of view, ensuring rapid target acquisition and situational awareness.

Ideal for:

- Coastal and maritime surveillance
- Long-range SAR operations in low-light/no-light conditions
- SOF reconnaissance

Key Advantages:

- Compact & Lightweight Design: Proprietary catadioptric optics minimize size and weight, making the NVS 7-3-8xAGBW the most portable handheld binocular in its class—without compromising durability or performance.
- Adaptive Tactical Utility: Optimized for extended deployment in naval, ground, and airborne operations where maneuverability and stealth are paramount.

IIT	
Generation	3
Photocathode material	GaAs
IIT resolution, minimum (lp/mm)	64
Signal to noise ratio, minimum	25
Optics	
Magnification (x)	8
Field of view (°)	5
Objective F#	2.0
Objective focal length (mm)	240
Focus range (m)	10 - ∞
Eye relief (mm)	25
Diopter adjustment range	- 6.. + 5
Mechanics, Electronics & Environmental	
Dimensions (mm)	235x150x135
Weight without batteries (g)	1,840
Interpupillary distance (mm)	56 - 72
Built-in IR illuminator	Yes
Battery type	2x AA
Reverse polarity protection	Yes
IR operation indicator	Yes
Low battery indicator	Yes
Automatic brightness control	Yes

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Battery life (hours)	60
Operating temperature range (°C)	-40 to +55
Storage temperature range (°C)	-45 to +60
Waterproofing	MIL-STD-810

DELIVERY SET

Supplied with the following standard accessories:

- Soft carrying case
- 2x AA battery
- Objective lens cover
- Lens cleaning cloth
- Operation manual

OPTIONAL ACCESSORIES



Hard Case



NVS DS



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Specifications, visuals, descriptions, and technical data are non-binding and may be changed without notice – 2024-01-06

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