

AN/PVS-7D (F5001) BI-OCULAR NIGHT VISION DEVICE



KEY BENEFITS

- Gen 3 Gated Pinnacle® tubes providing the highest performance and reliability available under all light levels.
- Optimum resolution, high gain, and photo response to near infrared
- Head or helmet-mounted for hands-free operation
- Uses universally available "AA" batteries
- Quick-release lever permits one-handed attachment/detachment from helmet or head harness
- Rugged design to accommodate varying ground operations conditions
- Manufactured according to US DOD MIL-PRF-49313E

For more than 60 years, Elbit Systems of America - Night Vision has provided the military with premier vision-enhancing solutions. As the world's leading manufacturer of Generation 3 (Gen 3) image intensifier technology, we continue to work hand-in-hand with customers to expand night vision and vision-enhancing capabilities, technologies, and resources. We also provide technical support, service, training, and maintenance for our products to maximize customer benefits and usability. Our AN/PVS-7D (F5001) night vision goggles enable military ground forces to conduct critical missions during the darkest nights of the year. The AN/PVS-7D is manufactured according to the US DOD MIL-PRF-49313E. All systems are qualified according to that specification and tested to meet customer requirements. The AN/PVS-7D has been human engineered for long-wearing comfort. It can be hand-held, helmet-mounted, or head-strap mounted for hands-free operation. We offer the popular AN/PVS-7D night vision goggle with various accessory options – all designed to meet individual customer performance requirements.

AN/PVS-7D (F5001)

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STANDARD ACCESSORIES

- Carrying case
- Eye cups, lens cap
- Demist shields, sacrificial lens
- Operator kit (manual, quick reference card, lens paper)

OPTIONAL ACCESSORIES

- Head mount assembly
- Helmet mount assembly
- 3X or 5X magnifier lens
- Shipping/ storage case

SYSTEM SPECIFICATIONS

OPTICAL SPECIFICATIONS	
• Field of View	• 40° nominal
• Magnification	• 1X
PHYSICAL SPECIFICATIONS	
• Weight	• 680 g maximum
• Dimensions	• 5.9 x 6 x 3 in (15 x 15.2 x 7.6 cm)
• Standard Mounting	• Head mount
• Optional Mounting	• Helmet mount
ELECTRICAL SPECIFICATIONS	
• Battery Life	• Lithium 3Vdc (BA-5567/U)- 36 hrs. / 2x lithium AA- 132 hrs. / 2x alkaline AA- 115 hrs.
• Battery Type	• 2x lithium AA/ 2x alkaline AA / Lithium 3Vdc (BA-5567/U)
• Integrated IR Illuminator	• Yes
MECHANICAL SPECIFICATIONS	
• Diopter Adjustment	• +2 to -6 diopters
• Objective Lens EFL	• 26 mm/F/1.2, T/1.3
• Exit Pupil/Eye Relief	• 15 mm
• Focus Range	• 25 cm to infinity

This datasheet applies to several variations and/or model numbers of the AN/PVS-7D (F5001) bi-ocular night vision device. Differences can be related to component variations or the image intensifier specification. All questions should be referred to nightvision@elbitsystems-us.com.