

WAR LANTERN

INDUSTRIES



PVS-7B/D NIGHT VISION GOGGLE



The PVS-7B/D is the standard issue goggle for U.S. ground forces to conduct night operations. Using the latest GEN II or GEN III image intensifier tubes the PVS-7B/D will perform in the darkest of nights. The system has a built-in IR Illuminator for no light operations and a high light cut off sensor for any sudden burst of bright light for protection. The PVS-7B/D is a completely MIL-SPEC system that has been ruggedized and waterproofed for harsh environments.

Made to be head/helmet mounted the PVS-7B/D is extremely lightweight adding to user comfort for long missions. By using one hand the PVS-7B/D can be dismounted quickly when used with the included head gear or the optional helmet mount. The unit uses two standard AA batteries that will provide 40 hours of continuous operation. Optional 3X, 4X and 5X magnifier lenses are available to increase the range of the goggle for long distance observations.

Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State, Directorate of Defense Trade Controls as proscribed in the International Traffic in Arms Regulations (ITAR), Title 22 Code of Federal Regulation, Parts 120-130.

FEATURES

- 3rd Generation
- Lightweight
- Compact
- Rugged Design
- Hands-free Operation
- Integrated IR Illuminator
- MIL-SPEC
- Auto Brightness Control
- Head or Helmet Mountable
- Indicators
 - Low Battery
 - IR Active

WAR LANTERN
INDUSTRIES LLC

4711 E. Falcon Drive STE. 102
Mesa, AZ 85215

www.warlantern.com

Specifications

Image Intensifier Tube	18mm 3rd Gen
Resolution	1.3 cy/mR (typical Gen III)
Spectral Response	400-950nm
Objective Lens	27mm, f/ 1.2
Magnification	1x (unity)
Field of View	40° standard 11.0° with 3x Afocal 8.0° with 4x Afocal 6.8° with 5x Afocal
Focus Range	15cm - ∞
Battery Type	AA Alkaline (2ea.)
Battery Life	>20 hours operation (AA)
Dimensions (L x W x H)	15.24 x 15.56 x 10.16 cm
Diopter Range	+2 to -6
Weight	680 grams (including batteries)
Eye Relief	15mm
Indicators	IR illuminator (red) Low Battery (yellow)
Environmental	-51°C to +55°C (operating) -51°C to +71°C (storage) MIL-PRF-49313 GEN III SPEC



Basic System Components:

- PVS-7 Goggle
- Soft Carry Case
- Neck Cord
- Objective Lens Cap
- Sacrificial Window
- Batteries (AA)
- Lens Tissue
- Demist Shields
- Shoulder Strap
- Eyecups
- Operator Manual
- Head Mount Assembly



Magnifier Lenses and other accessories available.