PVS-7B/D
Commercial Exportable 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.

FEATURES*
- GEN II or GEN III
- Lightweight
- Compact
- Rugged Design
- Hands-free Operation
- Integrated IR Illuminator
- MIL-SPEC
- Auto Brightness Control
- Head or Helmet Mountable
- Indicators
  - Low Battery
  - IR Active

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.

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For more information on the PVS-7B/D or other Nivisys products call (480) 970-3222 or visit us on the web at www.nivisys.com.
**PVS-7B/D BASIC KIT:**

- PVS-7 Goggle System
- Soft Carry Case
- Neck Cord
- Objective Lens Cap
- Sacrificial Window
- Batteries, AA (2)
- Lens Tissue
- Demist Shield (2)
- Shoulder Strap
- Eyecup Assembly (2)
- Operator Manual (not shown)
- Head Mount Assembly with pads
- Quick Reference Guide (not shown)

**OPTIONS, ACCESSORIES and FEATURES**

- Coated Optics
  Premium optics ensuring optimum performance

- Head Mount
  Standard PVS-7 headmount with 3 brow pads

- Compass (Optional)
  Attaches to the objective lens

- IR Flood/Spot (Optional)
  Attaches to the unit’s IR source

- Magnifiers (Optional)
  Optional 3x, 4x, 5x Afocal lenses

- Helmet Mount (Optional)
  Easily secures to helmet for combat missions

- Quick Mount
  Built-in one handed quick release

**SPECIFICATIONS**

- **Image Intensifier Tube**
  18mm, GEN II, GEN III

- **System Resolution**
  > .86 cy/mR (GEN II)
  > 1.3 cy/mR (GEN III)

- **Spectral Response**
  400-950nm

- **Objective Lens**
  26mm, f/ 1.2

- **Magnification**
  1X (unity)

- **Field of View**
  40° standard
  11.9° with 3x Afocal
  9.6° with 4x Afocal
  7.7° with 5x Afocal

- **Battery Type**
  AA Alkaline (2ea.)

- **Battery Life**
  > 40 hours operation (AA)

- **Dimensions**
  (L x W x H)
  15.24 x 15.56 x 10.16 cm

- **Diopter Range**
  +2 to -6

- **Weight**
  680g
  (with 2 AA batteries and head gear)

- **Eye Relief**
  15mm

- **Environmental**
  -51°C to +49°C (operating)
  -51°C to +85°C (storage)

  *MIL-G-49313 GEN II SPEC
  MIL-PRF-49313 GEN III SPEC

*Specifications are subject to change without notice.