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 highlight cut-off sensor to protect the image intensifier in case of extended exposure to high light conditions. 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. Using one hand, the PVS-7B/D can be dismounted quickly. The unit uses two standard AA batteries that will provide a minimum of 40 hours of continuous operation. Optional 3X 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.

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For more information on the PVS-7B/D or other Nivisys products call (915) 633-8354 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
- Head Mount Assembly with pads
- Quick Reference Guide

### OPTIONAL ACCESSORIES

- 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

### SPECIFICATIONS*

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

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

#### Spectral Response
- 400-950nm

#### Auto Brightness Control

#### Interpupillary Distance
- 55 to 71mm

#### Objective Lens
- 27mm, f/ 1.2

#### Premium Coated

#### Magnification
- 1X (unity)

#### Field of View
- 40° standard

#### Focus Range
- 25cm to infinity

#### Battery Type
- AA Alkaline or Lithium (2ea.) or BA-5567/U Lithium (1ea.)

#### Battery Life
- >50 hours operation (AA) Alkaline

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

#### Diopter Range
- +2 to -6

#### Weight
- 680g (with goggle, head mount and batteries)

#### Eye Relief
- 15mm

#### Environmental
- Immersion
  - 1m for 30 mins
- Temperature
  - -51°C to +49°C (operating)
  - -51°C to +85°C (storage)

*Specifications are subject to change without notice.

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