

PVS-7B/D

Rev. 21 Jan 2013

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.

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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

**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)
>1.3cy/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.