

AN/PVS-7

Night Vision Device



AVIATION SPECIALTIES UNLIMITED, INC.
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The AN/PVS-7 night vision device uses a single military-grade image intensification tube. The optional White Phosphor Gen III tube offers **enhanced image clarity** for excellent visual acuity and increased FOM for **improved low-light performance**. The PVS-7 is available with autogating for greater high-light performance. The goggles have active night vision using a built-in infrared LED for low-light environments.



FEATURES

- › Hands-free or one-handed operation
- › High-light cut-off tube protection
- › Integrated IR illuminator
- › Automatic brightness control
- › Head or helmet mountable
- › Automatic shut off in up position (head mounted)
- › Operates on two AA batteries, low-battery indicator in eyepiece

PRODUCT IN USE



NAME
AN/PVS-7

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DESCRIPTION
NIGHT VISION DEVICE



SPECIFICATIONS

AN/PVS-7



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|---------------------------------|---|--|
| Optics | Magnification | 1x |
| | Field of View (FOV) | 40° |
| | Objective Lens | 26 mm; (1.02 in) |
| | Minimum Focus Distance | 25 cm (9.8 in) |
| | Eye Relief | 15 mm (0.6 in) |
| | Diaopter Adjustment | +2 to -6 |
| Power | Power Source | 2 AA Batteries |
| | Battery Life | ~40 hours at room temperature |
| Physical Characteristics | Size | 14.1 cm L x 15.6 cm W x 7.9 cm (5.5 in L x 6 in W x 3.1 in H) |
| | Weight (Monocular) | 650 g with mask assembly (1.4 lbs) |
| | Color | Black |
| | Mounts | Head and Helmet Mount Adapter |
| | | Head Mount, Optional Helmet Mount |
| Warranty | Housing and tube | 1 Year |
| Standard Equipment | <ul style="list-style-type: none"> › Goggle › Operation Manual › Soft Carry Case › Batteries › Demist Shield Assembly › Eyecups | <ul style="list-style-type: none"> › Sacrificial Window Assembly › Lens Paper › Soulder Strap › Retainer Cord › Head Mount Assembly |
| | <ul style="list-style-type: none"> › Adapter Assembly, 7B to 7A › Adapter Kit, 5X Afocal, 7B › Batteries, Spare › Case, Shipping › Case Assembly, Packed › Compass › Lens Assembly, 162 mm › Lens Assembly, 108 mm › Lens Assembly, 3X Afocal › Lens Assembly, 5X Afocal › Lens Brush, LP1 | <ul style="list-style-type: none"> › Lens Cover Assembly, 75 mm › Mount Assembly, Helmet › Mount Assembly, 7B-SPH-5CG › Sacrificial Filter Assembly, 75 mm › Sacrificial Filter Assembly, 108 mm › Sacrificial Filter Assembly, 162 mm › Sacrificial Window › Spare Parts Kit, M961 › Spare Parts Kit, M963 › Spare Parts Kit, M966 › Tripod Adapter Assembly, (4X, 6X) › Training, Operator & Maintenance |

Specifications subject to change without notice.

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