

PVS-14 Single Battery Monocular



The PVS-14 is the all around best multi functional night vision monocular available. Head or helmet mounted, the PVS-14 allows the user to retain their night adapted vision in one eye while viewing their surroundings through the illuminated eyepiece of the PVS-14. The new battery housing completes the perfect package by allowing the user to power off the unit when in an upright position and power on when flipped down.

Another strength is its ability to be weapon mounted behind most collimated daylight aimers and Reflex sights such as the ACOG, Aimpoint and EO Tech systems. This allows the user the ability to use their PVS-14 both as a night vision monocular for increased mobility and tactical awareness and as a short range weaponsight.

Gain control gives the user the ability to increase or decrease the tube gain. Under extremely dark conditions, gain control allows the user to adjust the gain upward, giving a better image. Under high light conditions, details can be washed out due to an excess of light. Lowering the system gain can allow those details to be better seen. Additional features of the PVS-14 include an infrared LED with LED indicator and a low battery indicator.

All in all, the PVS-14 has set the bar for what a night vision monocular should be.

- Single AA Battery Usage
- Five Year Warranty
- Submersible to 66 feet
- Infrared LED Indicator
- High Light Cutoff
- Low Battery LED Indicator
- Gain Control

System Performance

| Model Number | <u>NVD-PVS-14-P+</u> | <u>NVD-PVS-14-P</u> | <u>NVD-PVS-14-P-</u> |
|-----------------------|----------------------|---------------------|----------------------|
| Tube Type | Gen III, Pinnacle | Gen III, Pinnacle | Gen III, Pinnacle |
| Power Supply | Gated | Gated | Gated |
| Photocathode Response | 1750 min. | 1500 min. | 1350 min. |
| Signal to Noise Ratio | 20.0 min. | 18.0 min. | 16.2 min. |
| EBI | 2.5 max | 2.5 max | 2.5 max |
| Resolution | 64 lp/mm min | 57 lp/mm min | 57 lp/mm min |

System Specifications

| | |
|--------------------|------------------------|
| Field of View | 40° |
| Magnification | one power (1X) |
| Diopter Adjustment | -6 to +2 Diopters |
| Eye Relief | 25mm |
| Objective Lens | 26mm, f/1.2 |
| Focus Range | 25cm to infinity |
| Power Source | 1 AA Battery |
| Weight | 14 ounces |
| Size | 4.5"L x 2.5"W x 2.75"H |



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

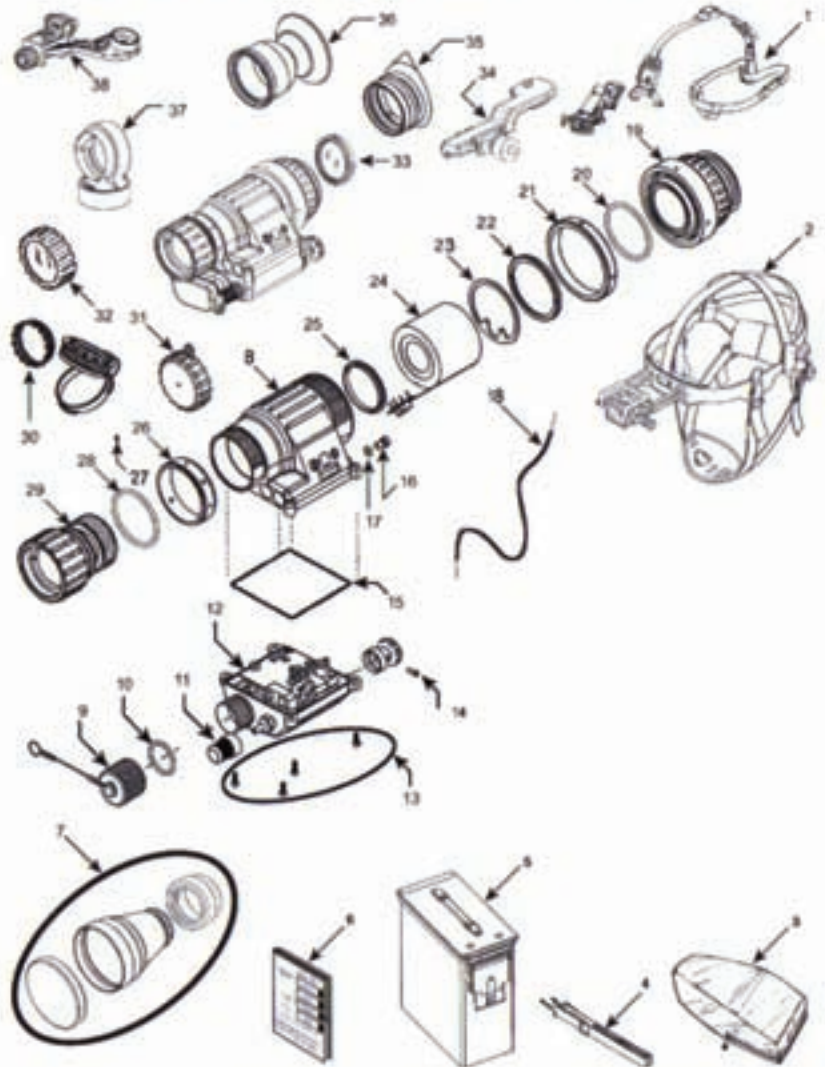




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PVS-14 Single Battery Monocular



Each Unit Includes: Soft Carry Case, (2) AA Batteries, Operator's Manual, Lens Assembly, Headmount Adapter, Demist Shield, Sacrificial Window, Weapon Mount and Shuttered Eyeguard.

Optional Accessories: Hard Carry/Storage Case, 3X Afocal Magnifier Lens, Magnetic Compass, ARMS#29 or A3256368-1 PASGT Helmet Mount.

| | | | | | |
|----------------------|------------------|--------------------------------------|----------------|------------------|---------------------------------|
| 1. A3256368-1 | 5855-01-457-2953 | Helmet Mount Assembly | 20. A53578-028 | 5330-00-551-8251 | Preformed Packing |
| 2. A3144268 | 5855-01-246-8266 | Headmount Assembly | 21. 5005838 | 5855-01-261-5494 | Lock Ring, Eyepiece |
| 3. A3187392 | 5855-01-398-4284 | Carrying Case, Unmarked | 22. 5002569 | 5855-01-151-4226 | Tube Retainer |
| 4. A3144267 | 5340-01-250-2431 | Shoulder Strap | 23. A3256358 | 6035-01-447-8814 | Light Pipe |
| 5. A3264350 | | Shipping Case, Unmarked | 24. | | Image Intensifier |
| 6. TM 11-5855-306-10 | | Operator's Manual | 25. A3144322 | 5855-01-444-1225 | Close Focus Stop |
| 7. A3256391 | 5855-01-423-0817 | 3X Lens Assembly | 26. A3256360 | 5855-01-448-8799 | Lock Ring, Objective |
| 8. A3256341 | 5855-01-444-1231 | Monocular Housing w/ Gov't Markings | 27. A3256357 | 5305-01-444-1210 | Set Screw |
| 8a. 277705 | | Monocular Housing w/o Gov't Markings | 28. A3144323 | 5330-01-444-1214 | Preformed Packing |
| 9. 275113-2 | | Battery Cap Assembly | 29. A3256342 | 6650-01-444-1212 | Objective Lens |
| 10. M25988/1-016 | 5331-00-486-3404 | O-Ring | 30. 5009737 | 5855-01-379-1410 | Light Interference Filter (LIF) |
| 11. 275337 | 5855-01-515-2140 | Variable Gain Knob Assembly | 31. A3144318 | 5340-01-397-6608 | Lens Cap |
| 12. 274422-1 | 5855-01-519-2933 | Single Battery Housing Assembly | 32. A3144264 | 5855-01-246-8271 | Sacrificial Window |
| 13. M516995-2B | 5305-00-406-4438 | Screw | 33. A3144263 | 5855-01-246-8272 | Demist Shield |
| 14. A3144404 | 5930-01-246-8264 | Switch Knob Assembly | 34. A3256348 | 5340-01-446-8588 | Weapon Mount |
| 15. A3256356-2 | 5330-01-444-1227 | Preformed Packing | 35. A3144422 | 5855-01-246-8273 | Eyecup |
| 16. A3144315 | 5305-01-266-9341 | Purge Screw | 36. A3256345 | 6650-01-444-1229 | Eyeguard |
| 17. A3144316 | 5331-01-356-7219 | Purge O-Ring | 37. A3187430 | 5855-01-387-6052 | Compass Assembly |
| 18. A3144306 | 4020-01-446-8097 | Neck Cord | 38. A3256347 | 5965-01-444-1216 | Head/Helmet Mount Adapter |
| 19. A3256352 | 5855-01-444-1224 | Eyepiece Lens | | | |

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