



AN/AVS-9 Binocular Night Vision Goggle

The ITT Exelis Night Vision AN/AVS-9 (F4949) binocular utilizes aviation standard optics and high resolution Gen III F9800 image intensifier tubes. This binocular has outstanding performance because each eye receives a unique image giving greater clarity than can be obtained from single-tube devices. With a different image in each eye, it is easier to judge distances and relative motion so that ground-based and sea-based applications.

The AN/AVS-9 is a MIL SPEC system and is the primary goggle used by the DOD for flight operations. This system is fully customizable with objective lens filter options and various helmet mounts. It can be hand held if used with an accessory power supply, such as the Clip On Power Supply (A3260911). It can also be used helmet mounted when powered by a rear-mounted battery pack that contains two pairs of AA batteries for extended operational endurance (approximately 50 hours).

- One Year Warranty
- Detaches Easily From Mount
- Sea-based applications
- Helmet Mountable
- Customize Objective Lens & Mounts

System Specifications

| | |
|---------------------------|-----------------------------------------------------------------|
| Field of View | 40° |
| Magnification | one power (1X) |
| Resolution | 1.3 cy/mr, min |
| Brightness Gain | 5,000 fL/fL, min |
| Diopter Adjustment | -6 to +2 Diopters |
| Interpupillary Adjustment | 51 to 72 mm - Individual knobs |
| Fore-and-Aft Adjustment | 27mm range |
| Tilt Adjustment | 10° range |
| Eyepiece Lens EFL | 27mm |
| Objective Lens EFL | 25mm, f/1.23, T/1.35 |
| Focus Range | 41cm to infinity |
| Power Source | 2 AA Battery Clip-on Power Supply 4 AA Battery External Pack |
| Weight | 550 grams |
| Size | 4.5"L x 2.5"W x 2.75"H |

Standard Accessories:

Carrying Case, Lens Caps, Lens Paper, Operator's Manual, Neckcord, and Low Profile Battery Pack (rotary wing versions).

Optional Accessories:

Battery Pack Adapter, Low Profile Battery Pack (fixed-wing versions) and Clip on Power Supply.



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