

GEN III WHITE PHOSPHOR

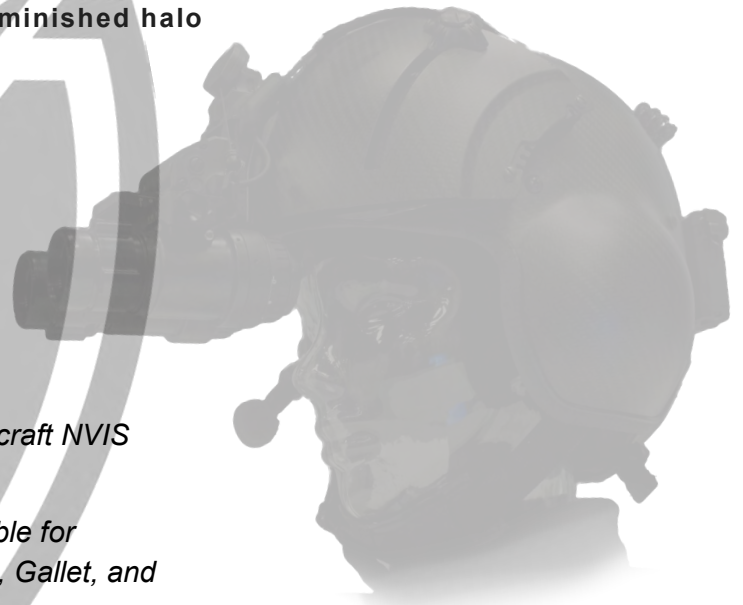
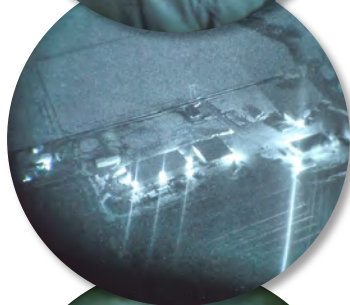
Superior image quality with higher resolution and diminished halo

PERFORMANCE

- Enhanced image clarity and quality which results in increased depth perception
- Exceptional high-light performance due to auto-gating
- Improved low-light performance and increased FOM

BENEFITS

- Fully compatible with aircraft NVIS lighting systems
- Mounting systems available for Paraclete, Gentex, Alpha, Gallet, and other flight helmets
- FAA & EASA Flight Certifications
- Fully compliant with RTCA DO-275 (Minimum operational performance standards for integrated night vision imaging system equipment)
- 180 Day service and repair via our FAA Certified Part 145 repair station



OPERATIONS

- **MILITARY / PARA-MILITARY**
- **EMERGENCY MEDICAL SERVICES**
- **LAW ENFORCEMENT**
- **SECURITY**
- **SEARCH AND RESCUE**
- **BORDER PATROL**
- **AGRICULTURE**
- **MOSQUITO ABATEMENT**
- **FIRE FIGHTING**





AN/AVS-9

AVIATION SPECIALTIES UNLIMITED, INC. | 1 (208) 426-8117 | WWW.ASU-NVG.COM

AN/AVS-9 WHITE PHOSPHOR TECHNICAL SPECIFICATIONS

| FEATURES | | AN/AVS-9 | |
|---|--|--|--|
| OPTICS | MAGNIFICATION | 1X | |
| | FIELD OF VIEW (FOV) | 40 deg | |
| | OBJECTIVE LENS | 27 mm (1.1 in) | |
| | INTERPUPILLARY ADJUSTMENT | 25-72 cm (2-2.8 in) | |
| | EYE RELIEF | 25 mm (1.0 in) | |
| | DIAOPTER ADJUSTMENT | +2 to -6 | |
| GEN III IMAGE INTENSIFICATION TUBE | 9S1600 9S1800 9S2000 | 1600 FOM, White Phosphor, Autogated 1800 FOM, White Phosphor, Autogated 2000 FOM, White Phosphor, Autogated | |
| POWER | POWER SOURCE | Low Profile Battery Pack (LPBP) with 4AA batteries (2AA primary, 2AA alternate) Cable from Aircraft Power Converter into Low Profile Battery Pack | |
| | WARNING INDICATOR | Red LED Activates on Mount at approximately 30 min. battery life remaining | |
| PHYSICAL CHARACTERISTICS | SIZE | 11.6 cm L x 13 cm W x 8.9 cm H (4.6 in L x 5.1 in W x 3.5 in H) | |
| | WEIGHT (BINOCULAR) | 535 grams | |
| | VERTICAL ADJUSTMENT | 25 mm Min (1 in) | |
| | FORE/AFT ADJUSTMENT | 27 mm Min (1.1 in) | |
| | TILT ADJUSTMENT | 10 deg Min | |
| | OBJECTIVE ADJUSTMENT | 3/4 turn (338 deg) | |
| | AUTOMATIC BREAKAWAY | 11 - 15 g | |
| | MOUNTS | Multiple Helmet Mount Adapters Available | |
| WARRANTY | HOUSING & TUBE | 1 YEAR | |
| STANDARD EQUIPMENT | <ul style="list-style-type: none"> Goggle with Class B Lens Operation Manual Soft Carry Case Low Profile Battery Pack | <ul style="list-style-type: none"> Low Profile Battery Pack Mounting Kit Helmet Mount (Quick Disconnect) Neck Cord Shipping & Storage Case | <ul style="list-style-type: none"> Airworthiness Log Lens Cap Assembly Battery Cartridges Lens Paper |
| AVAILABLE ACCESSORIES | <ul style="list-style-type: none"> Spare Battery Case Assy Filter, Daylight Training Lens Brush Low Profile Battery Pack (LPBP) | <ul style="list-style-type: none"> Mount Assy, Quick Don Mount Assy, SPH-5CG Mount Assy, Banana (HGU/55P) Mount Assy, Standard V1A Training, Operator & Maintenance | <ul style="list-style-type: none"> Mount Kit, Alpha Helmet Clip-on Power Supply (COPS) Spare Parts Kit |
| Specifications subject to change without notice | | | APRIL 2017 |

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