

## M949™ (AN/AVS-9) TECHNICAL SPECIFICATIONS:

FEATURES		M949 (AN/AVS-9)	
OPTICS	MAGNIFICATION	1X	
	FIELD OF VIEW (FOV)	40.0°	
	OBJECTIVE LENS	27 mm (1.1 in)	
	INTERPUPILLARY ADJUSTMENT	52 - 72 mm (2 - 2.8 in)	
	EYE RELIEF	25 mm (1 in)	
	DIOPTRER ADJUSTMENT	+2 to -6	
GEN III IMAGE INTENSIFICATION (I <sup>3</sup> ) TUBE OPTIONS	ALPHA	<ul style="list-style-type: none"> <li>Resolution: 45 lp/mm (min)</li> <li>Signal/Noise: 17.1:1 (min)</li> <li>FOM: 1250 (max)</li> </ul>	
	DELTA	<ul style="list-style-type: none"> <li>Resolution: 64 lp/mm (min)</li> <li>Signal/Noise: 21.0:1 (min)</li> <li>FOM: 1600 (max)</li> </ul>	
	OMEGA *	<ul style="list-style-type: none"> <li>Resolution: 64 lp/mm (min)</li> <li>Signal/Noise: 21.0:1 (min)</li> <li>FOM: Unrestricted</li> </ul>	
	INFINITY *	<ul style="list-style-type: none"> <li>Resolution: 64 lp/mm (min)</li> <li>Signal/Noise: 25.0:1 (min)</li> <li>FOM: Unrestricted</li> </ul>	
POWER	POWER SOURCES	Low Profile Power Pack (LPPP) with 4 AA batteries( 2AA primary, 2AA alternate) Cable from Aircraft Power Converter into Low Profile Power Pack	
	WARNING INDICATOR	Red LED Activates on Mount at 2.3 volts DC or on Battery voltage of 2.0 - 3.0 Volts DC	
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	590 g Max (1.3 lbs)	
	VERTICAL ADJUSTMENT	25 mm Min (1 in)	
	FORE/AFT ADJUSTMENT	27 mm Min (1.1 in)	
	TILT ADJUSTMENT	10° Min	
	OBJECTIVE ADJUSTMENT	3/4 turn (338°)	
	AUTOMATIC BREAKAWAY	11 - 15 g (0.02 - 0.03 lbs)	
	MOUNTS	Multiple Helmet Mount Adapters Available	
WARRANTY	HOUSING & TUBE	1 Year	
ORDERING INFORMATION	ALPHA	Part Number 245080-001	
	DELTA	Part Number 245080-003	
	OMEGA TUBE *	Part Number 245080-004	
	INFINITY TUBE *	Part Number 245080-005	
STANDARD EQUIPMENT	<ul style="list-style-type: none"> <li>Goggle with Class B Lens</li> <li>Operation Manual</li> <li>Soft Carry Case</li> </ul>	<ul style="list-style-type: none"> <li>Low Profile Power Pack</li> <li>Clip-On Power Supply</li> <li>Lens Paper</li> </ul>	<ul style="list-style-type: none"> <li>Neck Cord</li> <li>Airworthiness Log</li> </ul>
AVAILABLE ACCESSORIES	<ul style="list-style-type: none"> <li>Spare Batteries</li> <li>Case, Standard Carrying</li> <li>Case, Standard Shipping</li> <li>Case Assy, ESA</li> <li>Filter, Daylight Training</li> <li>Lens Brush</li> </ul>	<ul style="list-style-type: none"> <li>Log Book, Continuous Airworthiness</li> <li>Mount Assy, Quick Don</li> <li>Mount Assy, SPH-SCG</li> <li>Mount Assy, Banana (HGU/55P)</li> <li>Mount Assy, Standard V1A</li> </ul>	<ul style="list-style-type: none"> <li>Mount Kit, ALPHA Helmet</li> <li>Power Pack, Low Profile (LPPP)</li> <li>Power Supply, Clip-On (COPS)</li> <li>Spare Parts Kit</li> <li>Training, Operator &amp; Maintenance</li> </ul>

Specifications subject to change without notice

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