



# ALVICAM VISION™ Stabilized Imaging Systems

## Summary Table

	MWIR 9000A	MWIR 9000B	MWIR DUAL	Multi 8000	LWIR 6000	EO 1000	EO 410	IR 212	EO 202	EO 150	IR 100
<b>Field of View</b>	2.5°, 10°	2°-25° continuous	2°-25° continuous MWIR 1.7° to 56° EO	2.5° and 10° MWIR 24° LWIR 1.7° to 56° EO	15°	1.7°-56°	1.7°-45°				
<b>Pixels</b>	640X480	640X480	640x480 MWIR 350,000 EO	640x480 MWIR 320x240 LWIR 350,000 EO	640x480	350,000	300,000				
<b>Wavelength</b>	3 - 5 μm	3 - 5 μm	3 - 5 μm MWIR 400 - 900 μm EO	3 - 5 μm MWIR 8 - 12 μm LWIR 400 - 900 μm EO	8 - 12 μm	400 - 900 μm	400-900μm	8-12μm	400-900μm	400-900μm	8-12μm
<b>Zoom (optical)</b>	2 position; 2.5' and 10'	12.5X continuous	12.5X continuous MWIR 36X EO	36X EO 2 position; 2.5' and 10' MWIR		36X	26X				
<b>Zoom (digital)</b>	4X	4X	4X MWIR 4X electro-optical	4X MWIR 3X LWIR 4X EO	3X	4X					
<b>Tilt</b>	-25° forward to +35° aft	80° forward to 45° aft	80° forward to 45° aft	30° up; 90° down	30° up; 110° down	30° up; 110° down	30° up 90° down	350° range	350° range	none	35° range
<b>Pan</b>	360° (endless)	360° (endless)	360° (endless)	360° (endless)	360° (endless)	360° (endless)	360° (endless)	none	350° range	220° range	24° range
<b>Slew Rate</b>	45°/sec	45°/sec	45°/sec	45°/sec	45°/sec	45°/sec	45°/sec				
<b>Communications</b>	Nominal: serial communication and NTSC video	Same	Same	Same	Same	Same	Same	Same	Same	Same	Same
<b>Laser Marker</b>		830 nm, 150 mW, 0.5 mrad	830 nm, 150 mW, 0.5 mrad	830nm, 50 mW, 0.5 mrad							
<b>Power</b>	12VDC-14VDC	13.2VDC, 18W continuous, 22W peak	13.2VDC, 18W continuous, 22W peak	28VDC	11-16VDC, 8W	11-24VDC, 7W					
<b>Weight</b>	2900 g (3400 g with enclosure)	2900 gm (3400 gm with enclosure)	2900 gm (3400 gm with enclosure)	5550 gm	1250 gm	1000 gm	1000 gm	490 gm	520 gm	330 gm	330 gm
<b>Mounting</b>	Roll over tilt (services pitot and static)	Roll over tilt (services pitot and static)	Roll over tilt (services pitot and static)	Pan over tilt	Pan over tilt	Pan over tilt	Pan over tilt				
<b>Dimensions</b>	30 cm length X 22 cm cylinder	30 cm length X 20 cm cylinder	30 cm length X 20 cm cylinder	25.4 cm diameter	18 cm sphere	18 cm sphere	18 cm sphere	12 cm tube	12 cm tube	8.5 cm tube	8.5 cm tube