

ALTICAM 09 EOIR1-P



Features:

- Mid-wave infrared (MWIR) imaging
- Electro-optical (EO) imaging
- Image fusion (Optional)
- Laser pointer (Optional)
- Gyro-stabilized with coordinate hold mode
- Built-in Vision System (BVS) replaces AVS and handles video processing
- Articulated nose enclosure
- Designed for small UAVs - also used on piloted planes, blimps, ground vehicles and unmanned surface vehicles



AltiCam 09 EOIR1-P in Nose Enclosure

Specifications:

Gimbal	
Weight	2,700 gm, 3,400 gm with Nose Enclosure
Dimensions	30 cm length x 20 cm Ø cylinder
Gimbal Sequence	Roll-over-Tilt
Tilt	80° forward; 45° back
Roll	Endless 360°
Slew Rate	45°/sec
Performance @ 1 Hz and 2 Hz	39 dB and 38 dB attenuation
Power	13.2 VDC, 17 W Continuous, 26 W Peak
Communication	Serial communication, 57,600 bps, AltiCam command set
Capability	MWIR imager, EO imager, and laser pointer

Imagers	MWIR	EO
Wavelength	3-5 µm	400-900 nm
Horizontal Field-of-View	2°-25.5°	1.1°-25.5°
Zoom	12.5X Continuous	23X Continuous
Pixels	640 x 480	720 x 480
Video	Composite NTSC	Composite NTSC

Laser Pointer	
Beam Characteristics	830 nm, 150 mW, 1.0 mrad

ALTICAM VISION™ Stabilized Imaging Systems