

ALTICAM 11 EOIR1



Features:

- Multiple imaging and tracking modes
- Mid-wave infrared (MWIR) imaging
- Electro-optical (EO) imaging
- Gyro-stabilized with coordinate hold mode
- Compatible with AVS Video Processing Board
- Laser pointer and rangefinder
- Designed for small UAVs - also used on piloted planes, blimps, ground vehicles and unmanned surface vehicles



AltiCam 11 EOIR1 in Turret Enclosure

Specifications:

Gimbal	
Weight	5,700 gm with Nose Enclosure
Dimensions	25.4 cm Ø sphere
Gimbal Sequence	Pan-over-Tilt
Tilt	30° up; 90° down
Pan	Endless 360°
Slew Rate	60°/sec
Performance @ 1 Hz and 2 Hz	41 dB and 35 dB
Power	28 VDC, 31 W Continuous, 55 W Peak
Communication	Serial communication, 57,600 bps, AltiCam command set
Capability	MWIR imager, EO imager, laser pointer, and laser range finder

Imagers	MWIR	EO
Wavelength	3-5 µm	400-900 nm
Horizontal Field-of-View	2°-25.5°	0.6°-25.5°
Pixels	640 x 480	720 x 480
Video	Composite NTSC	Composite NTSC

Lasers	Pointer	Rangefinder
Beam Characteristics	830 nm, 150 mW, 1.0 mrad	> 2000 m, Eye-Safe