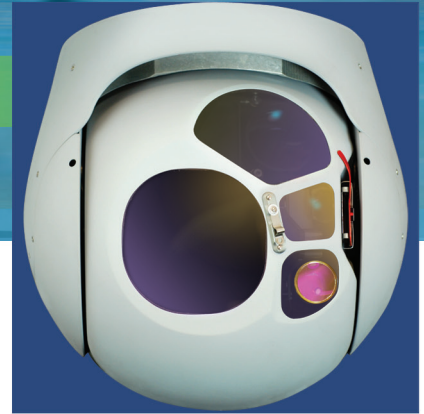


ALTICAM™ 11 EO/IR1

Stabilized Imaging System



Alticam 11 EO/IR1 in Turret Enclosure

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

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 Supply Range	24-32 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

IMAGER	MWIR	EO
Wavelength	3-5 µm	400-900 nm
Horizontal Field-of-View (HFoV)	2°-25° CZ	1.1°-25°
Pixels	640 x 480	720 x 480
Video	RS-170	Composite NTSC
Video Enhancement	Onboard de-jitter, tracking and enhancement from raw digital video from imagers	Onboard de-jitter, tracking and enhancement from raw digital video from imagers

LASERS	POINTER	RANGEFINDER
Beam Characteristics	830 nm, 35 mW, 1.0 mrad	> 2000 m, eye-safe



STABILIZED IMAGING SYSTEMS

3100 West Cascade Ave. / Hood River, OR 97031 / 541.387.2288 / info@hoodtech.com / www.hoodtech.com