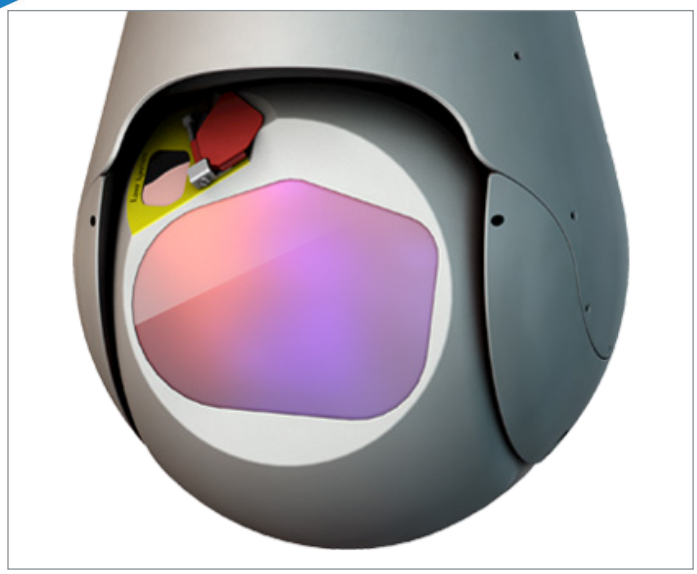
HOODTECH
VISION



ALTICAM
11 EOIR4

DETAILS

- Mid-wave infrared (MWIR) and electro-optical (EO) imaging
- Gyro-stabilized gimbal system
- Multiple operating modes
- Compatible with AVN-11N network interface
- Laser pointer and rangefinder
- Designed for small unmanned aerial vehicles (UAVs) – also used on piloted planes, blimps, ground vehicles and unmanned surface vehicles

HOOD TECH VISION / WWW.HOODTECH.COM/VISION
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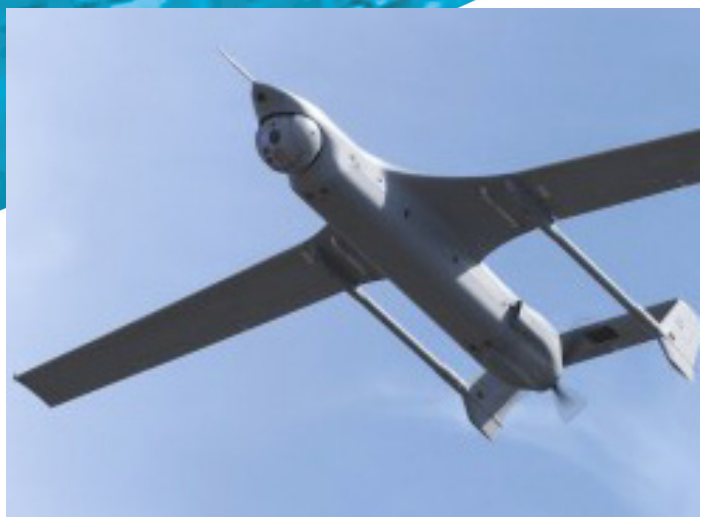

Integrator™ is a product of Insitu Inc.

ALTICAM
11 EOIR4
SPECIFICATIONS

IMAGERS EO	
Wavelength	400-900 nm
Horizontal Field of View	1.1°-31.5° (on 640 pixels)
Zoom	30x optical ; .5-2x digital
Pixels	1280 x 720

LASERS	
Beam Characteristics - Pointer	830 nm, <150 mW, 1.0 mrad
Beam Characteristics - Rangefinder	30 m to 5000 m, Eye-Safe

GIMBAL	
Weight	4,000 gm with turret enclosure
Dimensions	25.4 cm Ø sphere
Gimbal Sequence	Pan-over-tilt
Tilt	45° up; 90° down
Pan	360° (endless)
Slew Rate	60°/sec
Performance @ 1 Hz & 2 Hz	59 dB and 56 dB
Power Supply Range	24-32 VDC, <45 W Nominal, 55 W Peak
Communication	Serial, 57,600 bps, AltiCam command set, NTSC
Capability	MWIR imager, EO imager, laser pointer, and laser range finder

IMAGER MWIR	
Wavelength	3.3-5.3 µm
Horizontal Field of View	1.6°-22° (on 640 pixels)
Zoom	13x optical ; 2x digital
Pixels	640 x 480

HOODTECH VISION

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Hood Tech designs, builds, and sells stabilized turrets that incorporate electro-optical cameras, infrared imagers, laser markers and designators, and many other sensor payloads. Hood Tech imaging systems offer sophisticated capabilities developed to address a full range of military and civilian needs. The systems can accurately lock onto a target and carefully observe it while mounted to a constantly moving, high performance platform.

Hood Tech has sold over 6,000 turrets and provided EO/IR imagery for over 800,000 operational flight hours in rugged and austere conditions.