

V9 MS Gyro-Stabilizer

Stabilized Airborne Camera Systems

www.axsys.com



The Axsys Technologies V9 Multi-Sensor is an efficient, economical and powerful solution, perfect for Airborne Law Enforcement (ALE) and surveillance missions.

Complementing the larger V14 HD and V14 Multi-Sensor product family, the new V9 MS is a mid-size, lightweight and fully digital, 4-axis gyro-stabilized imaging system. Equipped with cutting edge EO and IR sensor technology, it is the only system in its class to offer 4-axis stabilization: critical in reducing fatigue and increasing performance. The laser pointer and fully integrated Search Light slaving capabilities are contained in a durable, aircraft-grade aluminum body, providing maximum functionality and reliability in a compact, user-friendly stabilized imaging system.

FEATURES

- 4-axis gyro-stabilization
- Image Quality
- HD daylight CMOS sensor
- Mid-wave cooled thermal sensor
- Laser pointer
- Moving Map Interface
- Fully integrated Search Light control system with slaving capabilities
- High Definition Overlay
- Digital Video Processing
- Remote diagnostic testing
- Compact size and weight

BENEFITS

- High definition (1920 x 1080) Daylight sensor
- Large format infrared detector (640 x 480)
- Dual ring structure permits rough and fine correction in the azimuth and elevation axis stabilization
- Continuous optical zoom offering the longest range performance in its class

OPTIONAL FEATURES

- Video Auto Tracking
- IMU/GPS
- Geo-Pointing

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Filmworks CINEFLEX HD CAMERA SYSTEM & SERVICES

Aerial Filmworks is an authorized reseller of Axsys Technologies products.

For pricing or a demonstration: cineflex@aerialfilmwork.com | 310.998.7009 | 808.281.1921

V9 MS Gyro-Stabilizer

Thermal Imager

Sensor Type	640 x 512 HgCdTe FPA
Wavelength	3- 5 μ m
Pitch	15 μ m
Field of View Type	Continuous
Focal Length	25-300mm
Field of View (Horizontal)	21.7° to 1.8°
Digital Zoom	2x
Effective Focal Length	600mm
Zoom Ratio	12x optical, 24x overall

Daylight Imager

Sensor Type	1/3" CMOS
Pitch	2.5 μ m
Field of View Type	Continuous
Focal Length	5.1mm to 153mm
Optical Field of View	50.4° to 1.8° (Horizontal)
Digital Zoom	4x
Effective Focal Length	612mm
Zoom Ratio	30x optical, 120x overall

Laser Pointer

Laser Class	Class IIIb
Wavelength	830 nm
Output Power	30mW

System Specifications

System Type	4-axis gyro-stabilized multi-sensor
Azimuth Coverage	360° Continuous
Elevation Coverage	+28° to -194°
Slew Rate	0° - 140°/sec

Dimensions

Turret size	12.1" x 10.25"
Turret Weight	27.5 lbs.
Auxiliary Unit Dimensions	9.5" x 14" x 7.5"
Auxiliary Unit Weight	16.5 lbs.
Control Unit Weight	1.5 lbs.
System Weight	51 lbs. (w/standard cables)

Power

Input Voltage	28 VDC +/- 10%
Continuous	132W/5A
Maximum	450W/16A

System Interfaces

Digital Video	HD-SDI, HDMI
Analog Video	NTSC/PAL
Control	RS232, RS422
Data	RS232, RS422



Manufacturer reserves the right to change specifications to reflect latest changes in technology and improvements at any time without notice. Export is subject to US Government regulations.



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