



## ALTI-CAM

# 05 EO5

### DETAILS

This turret implements pan-over-tilt imaging, articulations and has been delivered in several different skins. The 4-axis, gyro-stabilized gimbal system includes scene and coordinate hold mode as well as embedded video stabilization and tracking.

- Electro optical (EO) imaging
- Gyro stabilized gimbal system with scene and coordinate hold mode
- Embedded video stabilization and tracking
- Embedded video server and network interface (optional)
- Dual mode operation: network/serial & analog video
- Drop-in replacement for AltiCam06 AltiCam07, but 300gm lighter
  - Better optics
  - Improved stabilization
  - Fits in a 6" dome
- SD + HD (720p) outputs

# ALTCAM O5 EO5

## SPECIFICATIONS



ScanEagle® is a product of Insitu Inc.

### GIMBAL

Weight	750 g
Dimensions	Fits within 6 in diameter sphere
Gimbal Sequence	Pan-over-tilt or roll-over-tilt
Tilt	30° up; 90° down
Pan	360° (endless)
Slew Rate	50°/sec
Performance @ 1 Hz & 2 Hz	59 dB and 56 dB attenuation
Power Supply Range	12.6 - 14.4 VDC, 16 w nominal, 17.5 w Peak
Communication	AltiCam Command Set : 57,600 TTL Serial UDP Network with AVN

### IMAGER EO5

Wavelength	400 - 900 nm
Field of View	1.1° - 31.5° (on 640 pixels)
Pixels	1280 x 720
Analog Video Output	NTSC (640 x 480)
Digital Video Output (Optional)	"640 x 480 Pixel H.264 with encapsulated KLV metadata Frame rate: 5 fps to 15 fps. 1280 x 720 Pixel H.264 with optional AVN PCB in 2015 (30Hz may be possible)"



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.