



AL TICAM VISION™ Stabilized Imaging Systems

EO 1000

Features:

- Daylight optical imaging
- Compatible with small aircraft (manned or unmanned) and other small platforms
- Gyro-stabilized, several stabilization modes including coordinated hold if inertial navigation and attitude data are available from platform
- Fits small UAVs, piloted planes, and USVs (unmanned surface vehicles)
- Readily adapts to small, unstable air, sea and land platforms
- Can be customized



Daylight optical imaging in a compact package

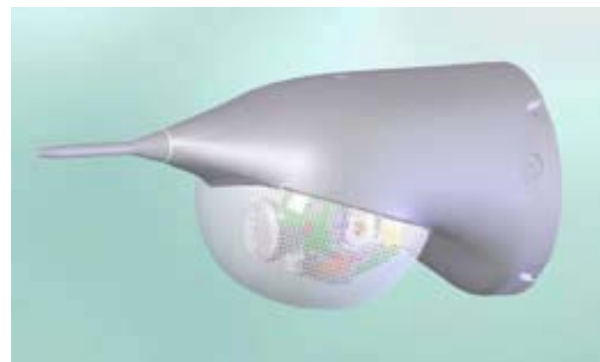
About the EO 1000:

Low-cost daylight imaging in a 1000 gm package

This daylight, stabilized imaging system is designed for use with lightweight unmanned aerial vehicles, piloted vehicles, and other small moving platforms, and provides outstanding performance in those and other unsteady platforms such as balloons, kites, and boats.

Specifications:

Field of View	1.7 ⁰ -56 ⁰
Pixels	350,000
Wavelength	400 - 900 μm
Zoom (optical)	36X
Zoom (digital)	4X
Slew Rate	45 ⁰ /sec
Tilt	30 ⁰ up; 110 ⁰ down
Roll	360 ⁰ (endless)
Power	11-24VDC, 7W
Weight	1000 gm
Mounting (Scan Eagle)	Pan over tilt
Dimensions	18 cm sphere
Communication	Nominal: serial communication and NTSC video



Turret enclosed in nose section of the Scan Eagle UAV