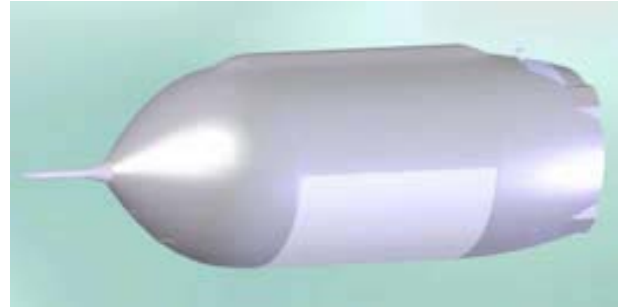


## ALTICAM VISION™ Stabilized Imaging Systems

### **MWIR 9000 1.2**

#### **Features:**

- Medium-wavelength (3-5  $\mu\text{m}$ ) infrared 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



Medium-wavelength infrared imager in stabilized turret

#### **About the MWIR 9000 1.2:**

Thermal imaging in obscure conditions (e.g. darkness, haze, smoke, blowing dust or sand)

This medium-wavelength, thermal-imaging, stabilized imaging system eliminates the effects of vibration and motion common to small, lightweight unmanned aerial vehicles or piloted aircraft, boats, ground vehicles and other unsteady platforms.

#### **Specifications:**

Field of View	2.5 <sup>0</sup> and 10 <sup>0</sup>
Pixels	640X480
Zoom (optical)	2 position; 2.5 <sup>0</sup> and 10 <sup>0</sup>
Zoom (digital)	4X
Wavelength	3 - 5 $\mu\text{m}$
Power	12VDC-14VDC
Slew Rate	45 <sup>0</sup> /sec
Tilt	-25 <sup>0</sup> forward to +35 <sup>0</sup> aft
Roll	360 <sup>0</sup> (endless)
Mounting (Scan Eagle)	Roll over tilt (services pitot and static)
Weight	2900 gm (3400 gm with enclosure)
Dimensions	30 cm length X 22 cm cylinder
Communication	Nominal: serial communication and NTSC video