

# ALTICAM 09 MWIR2



## Features:

- Mid-wave infrared (MWIR) imaging
- Gyro-stabilized with coordinate hold mode
- Compatible with AVS Video Processing Board
- Articulated nose enclosure
- Designed for small UAVs - also used on piloted planes, blimps, ground vehicles and unmanned surface vehicles



## Specifications:

| <b>Gimbal</b>               |   |
|-----------------------------|---|
| Weight                      | 2,700 gm, 3,400 gm with Nose Enclosure                |
| Dimensions                  | 30 cm length x 20 cm Ø cylinder                       |
| Gimbal Sequence             | Roll-over-Tilt  |
| Tilt                        | 80° forward; 45° back                                 |
| Roll                        | Endless 360°  |
| Slew Rate                   | 45°/sec   |
| Performance @ 1 Hz and 2 Hz | 39 dB and 38 dB attenuation                           |
| Power                       | 13.2 VDC, 17 W Continuous, 26 W Peak                  |
| Communication               | Serial communication, 57,600 bps, AltiCam command set |

| <b>MWIR Imager</b>       |                  |
|--------------------------|------------------|
| Wavelength               | 3-5 µm           |
| Horizontal Field-of-View | 2°-25.6°         |
| Zoom                     | 12.5X Continuous |
| Pixels                   | 640 x 480        |
| Video                    | Composite NTSC   |

ALTICAM™ Stabilized Imaging Systems

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