

Camera Specifications

- 4.5 inch diameter turret weighing less than 4 lbs.
- Includes inertial sensors and integrated GPS for standalone operation.
- Sized to accommodate the popular Sony FCB-EX series block cameras, GO-C supports:
 - Sony FCB-EX980S (26X Optical Zoom)
 - Other options and combinations possible
- STANAG-4586 and JAUS Protocol
- 802.11 b/g wireless communications
- GO-C developer's kit provides bench test cables, USB joystick, PCMCIA video card, and Defense Technologies' OpenUMI control software.

Performance Specifications:

- Field of view:
Pan +/- 180°; Tilt: +/- 90°
- Up to 90°/sec adjustable slew rate
- 0.4° pointing resolution
- Geo-Referenced imagery data



Defense Technologies' Geo-Referenced Optimized Camera (**GO-C**) is a light weight, gyro stabilized payload for Unmanned Vehicle applications or stationary surveillance. The **GO-C** utilizes the Sony FCB-EX980S Box camera which provides a 26x optical zoom lens with internal image stabilization. **GO-C** provides geo-referenced imagery and gyro stabilized video independent of vehicle maneuvers and vibrations. The camera comes equipped with an 802.11 (b) and 802.11 (g) wireless communications radio.



The **GO-C** has a tilt axis of +90 to -90 degrees, a pan axis of +180 to -180 degrees and a pointing resolution of .4 degrees. The only power needed for the camera control module is +12 volts DC. For command & control and digital video output, the camera provides an Ethernet interface as well as 802.11 b/g wireless communications. The native software interface supports both **STANAG-4586** and **JAUS** standards.

Applications:

GO-C provides surveillance and reconnaissance on a variety of different platforms:

- Unmanned Air Vehicles
- Tactical small observation balloons
- Aerostats
- Unmanned or manned Ground Vehicles
- Unmanned or manned Surface Vessels



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