



SPY OWL 200



Professional Surveillance Version

The System

The Spy Owl is highly portable Unmanned Aircraft System(UAS) which contains all the parts needed for your surveillance applications.

The package consists of the full composite airframe with a retractable gyro stabilized EO/IR gimbal, autopilot, laser altitude meter, data-link, video-link, long endurance batteries and the ruggedized Portable GCS with the SkyView GCS Operator software. It's a complete surveillance solution for safe & effective missions.

Airframe

The fully composite airframe is designed to accommodate multiple sensors. It's equipped with a long-endurance electric propulsion-system and can be hand-launched & recovered by skid-landing.

Gyro stabilized – EO/IR gimbal

The aircraft is supplied with a retractable gyro stabilized EO/IR gimbal. A video-link for up to 30 km LOS is included.

Autopilot – Easy Pilot 3.0

The included autopilot, SkyView EasyPilot 3.0, contains all components necessary to safely control the vehicle, including GPS navigation & IMU. Full automatic start and landing capability.

Portable GCS with SkyView GCS software

Portable GCS is an easy to use rugged Ground Control Station equipped with sun-readable display. The included SkyView GCS Operator software together with the EasyPilot 3.0 makes it an easy operation to fly the system.

SPECIFICATION



Gyro stabilized EO/IR gimbal

- 13.2x Zoom Ratio (6.6x Optical, 2x Digital)
- Horizontal Viewing Angle: 31° (wide) to 4.7° (narrow optical) and 2.3° (narrow digital)
- Video link for up to 30 km range



Autopilot

- SkyView EasyPilot 3.0 Autopilot
- GPS, INS & Laser altitude sensors
- Serial port for payload/data storage
- Payload control capability



Portable Ground Control Station

- Ruggedized SkyView GCS with integrated MPEG-4 video server
- SkyView GCS Operator software, NATO STANAG 4586 compliant
- Long range air and ground modem included
- Up to 30 km LOS range
- Mission, Loiter, Flight Director, Stabilized, Launch & Landing modes



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