

Army **HLS** **CIVIL**

**Specially designed for:
Army/Tactical Solutions**

- Situational awareness
- Accurate Targeting
- BDA

HLS Solutions

- Law Enforcement
- Event Management
- Border Patrol

Civilian Solutions

- Environment Monitoring
- Mapping/Agriculture
- Search & Rescue



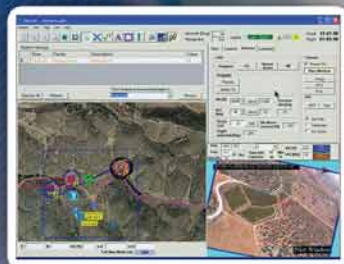
Army



Search & Rescue



Border Patrol



Tactical Unmanned Aerial Systems

SpyLite

Multi Configuration Tactical UAS

Reliable visual intelligence in all weather conditions

The SpyLite was designed to supply immediate and independent visual intelligence for the Army, HLS and Civilian markets. It meets the required operational needs for tactical Visual intelligence asset acquisition, providing extended range, enhanced visual intelligence and real time gathering capability in stringent situations.

The SpyLite is specifically designed to allow critical, visual recognition of elements in real-time and gain dominant situational awareness of the inspected area. The system can be carried by 2 operators with the overall weight of 20 Kg for each and It flies in almost any weather condition (up to 40 Knots). The SpyLite can be operated in a long endurance mode with longer wing tips and higher capacity battery.





The SpyLite offers:

Long Endurance ISR Solution

The SpyLite Mini-UAV System is optimized to provide stealthy, "over-the-hill" real-time visual intelligence to civil applications, HLS and infantry, or extended range to artillery and special operation forces. Its quick deployment capability, ease of control and operation and immediate data exploitation provide the tactical teams with reliable intelligence.

Rain and High Wind Operation

Unique in its ability to fly in winds of over 40 Knots on cloudy and rainy days, SpyLite assures high operational ability when other systems can neither fly nor see.

Complete ISR and Tracking Solution

The SpyLite System has proven its effective integration with Special Forces supplying them with real-time targeting, automatic motion detection, target tracking and BDA.

Operational Flexibility

The SpyLite system is specifically designed for a variety of operational needs while maintaining the customer's ability to switch between different configurations according to the mission. Enhanced endurance is accomplished by using the same UAV platform with the exception of changing only the battery and the wing tips. Communication range is dictated by the ground control station configuration.



Benefits

- Combat proven system
- Back-packed tactical system
- Severe weather operation
- Long range and endurance
- Stealthy urban ISR capabilities
- Ease of use and short turn around time
- Unified advanced ground control station

Features

- Digital secured video link
- Automatic targets detection and tracking
- Automatic launch and recovery
- Parachute and air-bag recovery
- Mission oriented intuitive control

Operational Status

The SpyLite has been operated successfully in combat conditions for the Israeli Defense Forces (IDF) and has been chosen for operational use by the Israeli Air Force. The SpyLite has also participated in Spike C4I System (Tycoon) maneuvers and found to be an important asset.

Low Life Cycle Cost (LCC)

The SpyLite system claims a low LCC due to its long endurance, unique technical design, highly reliable components and its autonomous launch and landing performance.

Specifications:

Weight 6/8Kg.
Payload 1Kg.
Endurance 1.5Hr./3.5Hr.
Control range 10Km / 35Km



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