SpyLite®
Multi Configuration Tactical UAS

SpyLite is a combat-proven, extended performance electric Mini-UAS, optimized to provide covert, "over-the-hill" or extended range real-time visual intelligence. Fully autonomous, from its automatic launch to its pin-point accurate parachute recovery, the system delivers high reliability even in severe weather conditions, assuring high operational availability for up to 4 hours and control-range of up to 80km. The SpyLite system presents an ultimate solution for supporting real time video or Tactical Mapping On Demand (TMOD) for open or urban area scenarios for military, peace keeping and commercial applications and can be configured to back-packed, vehicle-mounted or HQ stationary configurations.
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Operational Missions
- Rapid “over-the-hill”, covert ISTAR (Intelligence, Surveillance, Target Acquisition and Reconnaissance) in open area as well as urban warfare scenarios
- “First responder”
- Border protection
- Force/convoy protection
- Security operations
- Law enforcement
- Search and rescue
- Disaster control and management operations.
- Commercial applications
- Mapping on demand photogrammetric solutions

Payloads
- **EO/IR Payloads** various three Gimbals, Gyro stabilized, CCD, IR or dual sensor payloads with zoom and optional laser marker, providing high quality imagery.
- **Color/day Mapping payload** Gimbaled, Gyro stabilized, Several MP RGBstills camera to collect high resolution images for mapping
- **IR/Night Mapping payload** Gimbaled, Gyro stabilized, Uncooled IR stills camera to collect high resolution images for mapping

<table>
<thead>
<tr>
<th>Spec</th>
<th>Value</th>
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<tbody>
<tr>
<td>MTOIW</td>
<td>~9 Kg</td>
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<tr>
<td>Payload</td>
<td>Up to 1.3 Kg</td>
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<tr>
<td>Endurance</td>
<td>Up to 4 Hr.</td>
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<tr>
<td>Operational Range</td>
<td>Over 50 Km (can be extended up to 80 Km)</td>
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<tr>
<td>Best operational Altitude</td>
<td>Up to 1000m/3,000 ft. AGL</td>
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<tr>
<td>Ceiling</td>
<td>10,000m/30,000 ft. ASL</td>
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270 cm