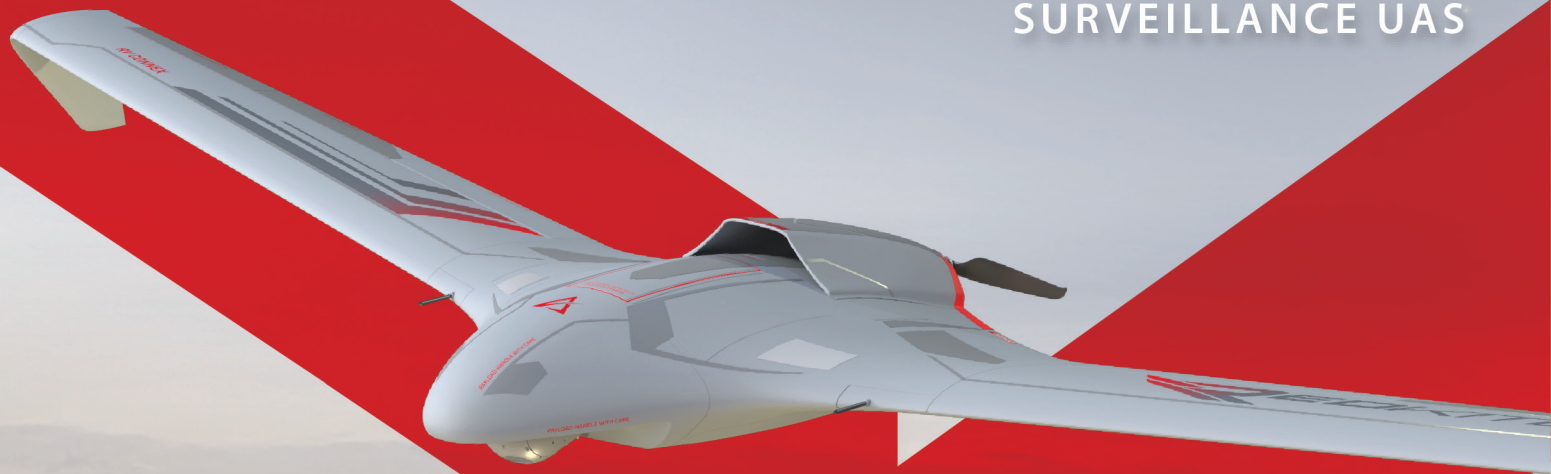




RV CONNEX

RED KITE

SURVEILLANCE UAS



RED KITE

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The Red Kite Tactical Unmanned Aerial System is a long endurance, long range, medium altitude that can perform land and maritime missions. Runway free capability that can launch the system at any unprepared location using mobile catapult system and recover by parachute. Because of its size, weight and capabilities provides a cost effective solution with customization flexibility to meet tailored operational needs.

MISSIONS

- Intelligence, Surveillance, Reconnaissance (land and maritime).
- Forest fire monitoring.
- Aerial mapping and surveys.



SPECIFICATIONS



- Wingspan 6.8 m.
- Length 2.4 m.
- Maximum Take-off Weight 78 kg.
- Payload Capacity Up to 15 kg.
- Payloads EO/IR, Thermal Cameras
LWIR, SAR
(Dual payload capability)
- Endurance Up to 24 hrs.
- Maximum Speed 70 kts.
- Service Ceiling 15,000 ft.
- Datalink Up to 120 km.
(Line of sight)
- Propulsion Piston Engine
- Take-off Catapult
- Recovery Parachute

KEY FEATURES & BENEFITS

- Tactical UAS for land and maritime missions capable.
- Runway independent.
- Dual Payload capability.
- AIS & IFF tracking systems.
- Redundant communication datalink.
- Take off/landing: Semi-autonomous.
- Build in simulator available for training purposes.
- Fully composite airframe.
- Low footprint and fast responsiveness.
- Ground control station: portable, 20 ft. container, and fixed site.
- Transport cases for the complete system.
- System customization services and many options (subjects to manufacturer approval).





GROUND CONTROL STATION

- Redundant system with two operator options for the flight management and payloads operations.
- Provide main functions: UAV monitoring, mission planning, payload control, simulator training.
- Independent power supply system using dual generators and back up batteries.
- Custom software options.





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Empowering Missions with Long-endurance Surveillance



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Disclaimer: In keeping with our policy on continuous product
improvement, all specifications are subject to change at any time.

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