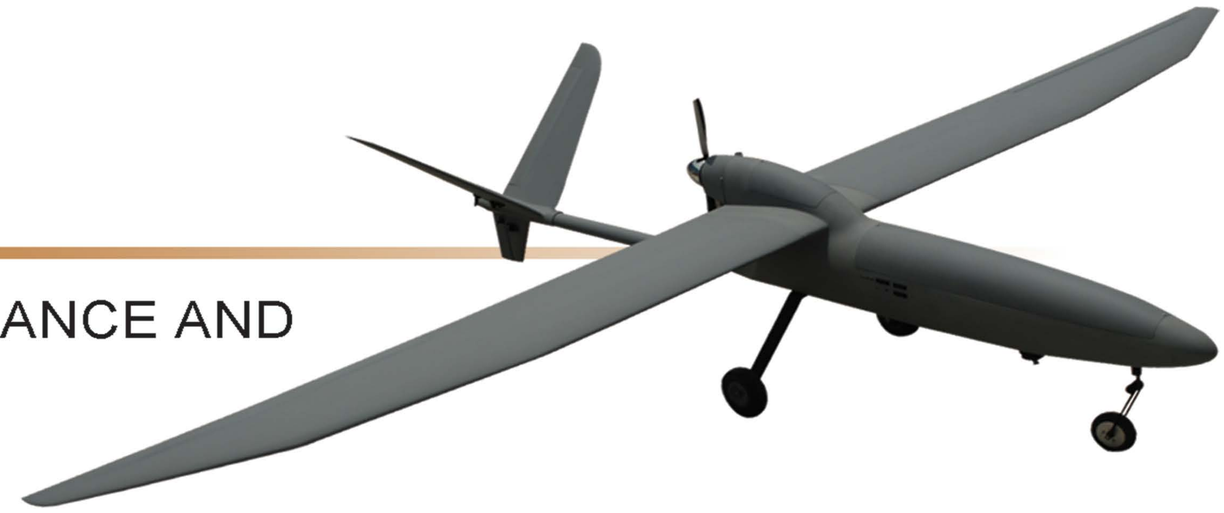
EXPLORER

LONG ENDURANCE SURVEILLANCE AND RECONNAISSANCE SYSTEM



Specifications

Role	Aerial Patrol, Reconnaissance and Surveillance Platform
Wingspan	4.51m (14 ft. 9 in)
Length	2.75 m (9 ft.)
Height	0.8 m (2 ft. 7 in)
Wing Area	1.94 sq. m (20.9 sq. ft)
Dry Weight	10 kg (22.0 lb)
Max Take off weight	25 kg (55 lb)
Fuel Capacity	15 Litres
Power Plant	6 BHP Single or Twin-cylinder piston engine
Speed Range	60 - 160 kmph (40 - 100 mph)
Range (GPS/Autonomous)	150 km (93 miles)
Endurance	8 - 10 hours (Enhanceable)
Recovery	Wheels
Stabilization	ID-AP 5000 Digital Autopilot with Navigation and Stability modules
Tracking & Telemetry	ID-TM6 GPS and Data Telemetry Module; GCS-1200 Ground Station; ATPS-1200 Antenna Tracking system.
Payload Capacity	6 kg (13 lb)
Typical Payloads	HD EO/IR Zoom and Thermal cameras, SAR, Laser rangefinder, Three - axis gyro stabilized gimbal Live Video Feed and on-board recording

SURVEILLANCE & PATROL UAV SYSTEM

INTEGRATED DYNAMICS

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