BORDER EAGLE

BORDER SURVEILLANCE UAV SYSTEM

Specifications

Role	Low-Altitude Border and Perimeter Monitoring UAV
Wingspan	3.1 m (10 ft. 3 in)
Length	1.75 m (5 ft. 8 in)
Height	0.48 m (1 ft. 7 in)
Wing Area	0.95 sq. m (10.2 sq. ft)
Dry Weight	9 kg (19.8 lb)
Max Take off weight	20 kg (44 lb)
Fuel Capacity	7-10 litres
Power Plant	6 BHP Single or Twin-cylinder piston engine
Speed Range	70 - 160 kmph (20 - 100 mph)
Ragne (GPS/Autonomous)	> 100 km (60 miles)
Endurance	4 - 6 hours (Enhanceable)
Recovery	Wheels or parachute
Stabilization	Options for ID-AP2000 / ID-AP5000 Digital Autopilots 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	5 kg (11 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

INTEGRATED DYNAMICS

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273/1-3, Main Korangi Creek Road, Korangi, Karachi-Pakistan ▲ www.idaerospace.com ▲ Call to order 0092-21-35091881 ▲ Email: info@idaerospace.com