PANTHER
FIXED WING VTOL UAS

When Results Matter

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General
The Panther is a uniquely designed Fixed Wing AVTOL UAV System with a tilt rotor capability that provides a remarkable solution to a wide variety of tasks when pinpoint automatic takeoff and landing is a requirement. The system can be utilized in Military, Civilian, and Homeland Security (HLS) operations providing high level of operational flexibility and a small logistical footprint.

Main Features and Capabilities
- Automatic Vertical TakeOff & Landing Capability (AVTOL)
- Ship Deck Operation
- Mission Versatility
- Quick & Easy Assembly
- Simple to Operate and Deploy
- Small Logistical Footprint
- Silent Electrical Propulsion
- High Quality EO/IR/LP Imagery
- Unique Tilt Rotor Technology

Typical Missions
- Covert Special Operation
- Intelligence, Surveillance, Target Acquisition, and Reconnaissance (ISTAR)
- Silent Observation & Stakeout

Convoy Escort & Protection
- Border & Costal Surveillance
- Law Enforcement
- Emergency Response & Support

Performance
- Range: 60 km / 37 miles
- Endurance: up to 4 hr
- Operational Altitude: 3000 ft AGL
- Loiter Speed: 40 knots

Technical Data
- Max. Takeoff Weight (MTOW): 65 kg / 143 lb
- Max. Payload Weight: 10 kg / 22 lb
- Wingspan: 8 m