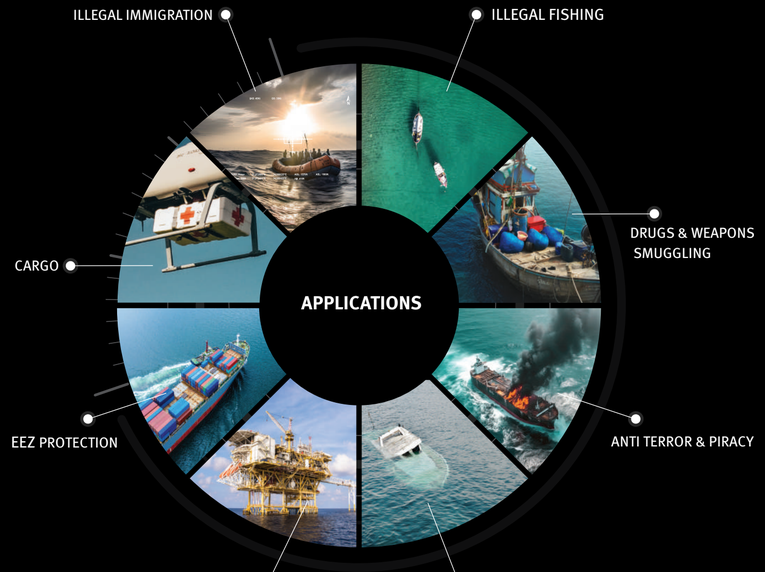

6 Hatikshoret St.
Migdal ha Emek 2307049 Israel
T: 972-4-9592959 F: 972-4-9597606
WWW.STEADCOPTER.COM

STEADICOPTER

Black Eagle - Tactical Rotary UAV (RUAV)

Revolutionizing ISTAR Missions

STEADICOPTER

BlackEagle Family of RUAVs

Steadicopter's advanced tactical unmanned helicopters represent a paradigm shift in maritime missions' execution, to achieve maritime dominance.
Our well-established and operational BlackEagle family of RUAVs delivers superior high-quality real-time intelligence, offering unmatched capabilities for intelligence, surveillance, and reconnaissance (ISR) as well as pinpoint Close Air Support (CAS) operations.
Its modular design effortlessly accommodates the latest mission payloads, making it the ultimate platform for diverse operational needs, including search & rescue, countering terrorism at sea, combating drugs and human smuggling, firearms trafficking addressing piracy, safeguarding strategic infrastructure, EEZ protection and more.
Steadicopter is a supplier of systems and services for the IDF and the Israeli Navy as well as for international end users.

Mission Flexibility Redefined

BlackEagle offers mission flexibility with three distinct concepts of operation:
Takeoff and landing on the shore: Providing immediate aerial support for a wide range of maritime operations up to 150 km communication range.
Control handover to a ship at sea: Extending your operational reach. Flexible deployment in many ship types, in any sea state with no risk to the ship nor the RUAV. No permanent installations are required.
Takeoff and landing on a ship at sea: Allowing for agile and dynamic deep-sea operations.

- EO / IR
- COMMINT / ELINT
- SAR / MPR
- Wide Area Persistence
- LiDAR / ViDAR
- Multispectral
- Comm Relay
- AIS
- Cargo

Significant Advantages

Greater sensing capabilities
High-resolution cameras and sensors provide greater accuracy in detecting and tracking illegal activities, conducting precise, long-term, long-distance and covert surveillance maritime missions.

Multi-mission
Distinct advantage with the ability to carry multi and asymmetric payloads with a high weight capacity for real-time, diverse missions.

Cost - effective
Cover large areas in less time with fewer resources than traditional manned aircraft and surveillance personnel.

Maneuverable
At slow speeds and low attitude with consistent hovering capability, enabling enhanced mission flexibility.

Technical Specification

	Endurance (Hour)	Comm.Range (Km)	MTOW (Kg)	Payload (Kg)
Black Eagle 50 Electric	‹2HR	‹150	‹50 Kg	‹15 Kg
Black Eagle 50 Hybrid	‹4HR	‹150	‹50 Kg	‹12 Kg

Main Capabilities

- Robust design to withstand maritime environment
- Automatic Vertical Take-Off & Landing
- Continuous steady hovering
- Can be deployed on diverse ship types
- No permanent installations are required
- Minimal logistic footprint
- Low life cycle cost (LCC)
- Extended operational range
- Mission continuation in GPS-denied environment
- Parachute recovery system