


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**STEADICOPTER** 

# Black Eagle - Tactical Rotary UAV (RUAV)

Revolutionizing ISTAR Missions

**STEADICOPTER** 





## Black Eagle Family - Tactical Unmanned Helicopters Revolutionizing ISTAR Missions

Steadicopter's advanced tactical unmanned helicopters represent a paradigm shift in the execution of Intelligence, Surveillance, and Reconnaissance (ISTAR) missions across a wide spectrum of defense, security, and HLS (Homeland Security) applications. Our well-established and operational Black Eagle family of Rotary Unmanned Aerial Vehicles (RUAVs) delivers high-quality, real-time intelligence with unparalleled capabilities for various operations. Its modular design effortlessly accommodates the latest mission payloads, making it the ultimate platform for a wide spectrum of land missions with a near-to-zero logistic footprint, including covert ISTAR, border monitoring, security & law enforcement, strategic infrastructure security, convoy & force protection, search & rescue, and disaster management. Steadicopter is a supplier of systems and services for the IDF and the Israeli Navy as well as for international end users.

### Mission Flexibility

The Black Eagle family of RUAS are designed with a full open architecture payload compatibility enabling the customer to fulfill the specific mission requirements giving a true multidomain capability. The combination of the Black Eagle's flight parameters coupled with the wide spectrum of the outmost high end mission sensors offer a unique operational capability.

- 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 missions.



### Cost - effective

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



### Multi-mission

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



### Faster response time

Improves decision-making and increases public safety by rapid deployment, quick response times in emergencies, real-time situational awareness to officers on the ground.



### Inter - agency cooperation

Improves intel capabilities via enhanced data integration, dissemination, and cooperation.



### Alerting and investigation tools

Supports crime scene investigations, forensic analysis of evidence, and search and rescue missions.



### Increased safety

By providing aerial surveillance from a remote location without putting the forces at risk.

## Technical Specification

	Endurance (Hour)	Comm.Range (Km)	MTOW (Kg)	Payload (Kg)
Black Eagle 25E	<1	<50	25	<3
Black Eagle 35E	<1.5	<50	35	<7
Black Eagle 50E	<2	<150	50	<15
Black Eagle 50H	<4	<150	50	<12



## Main operational capabilities

- Robust design offers full operational suit in harsh environmental conditions
- Mission continuation in GPS denied environment
- Covert operation capability
- Extended operational range
- Advanced datalink options
- High-performance diverse payloads
- Automatic vertical Take-Off & Landing
- Continuous steady hovering
- Minimal logistic footprint
- Low life cycle cost (LCC)