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Steadicopter is a leading manufacturer and service provider of advanced Rotary Unmanned Aerial Vehicles (RUAV) best suited for civil military and homeland security applications

THE BLACK EAGLE FAMILY

The Black Eagle Family of Rotary Unmanned Aerial Vehicles (RUAV) is the perfect solution for civil, military and homeland security applications for both maritime and land domains providing a wide spectrum of mission capabilities and operational versatility with a near-to-zero logistic footprint



BLACK EAGLE 50:

Fuel powered for long endurance mission profiles

TECHNICAL SPECIFICATION

DESCRIPTION	DATA	DESCRIPTION	DATA
Total length	2550mm	Data link range	Up to 150 Km
Main rotor diameter	2160 mm	Max air speed	70 knots (126 Km/h)
Maximum T/O weight	35 kg	Cruising speed	45 knots (85 Km/h)
Payload capacity	5 kg	Operating temperature	-20 to +50 c
Endurance	4 Hr	Wind (takeoff and landing)	25 knots (45 Km/h)
Endurance (Hover)	3 Hr	Service ceiling	10,000 ft

BLACK EAGLE 35E:

Compact system ideal for medium sized payloads up to 7 kg utilising an excellent payload to endurance ratio



BLACK EAGLE 25E:

Electric powered with an MTOW of 25kg compatible with the EU regulations and providing high-end close range and urban missions

TECHNICAL SPECIFICATION

DESCRIPTION	DATA	DESCRIPTION	DATA
Total length	2550 mm	Data link range	Up to 75 Km
Main rotor diameter	2160 mm	Max air speed	70 knots (126 Km/h)
Maximum T/O weight	25 kg	Cruising speed	45 knots (85 Km/h)
Payload capacity	3 kg	Operating temperature	-20 to +50 c
Endurance	1 Hr	Wind (takeoff and landing)	25 knots (45 Km/h)
Endurance (Hover)	35 min	Service ceiling	15,000 ft

TECHNICAL SPECIFICATION

DESCRIPTION	DATA	DESCRIPTION	DATA
Total length	2840 mm	Data link range	Up to 100 Km
Main rotor diameter	2540 mm	Max air speed	70 knots (126 Km/h)
Maximum T/O weight	35 kg	Cruising speed	45 knots (85 Km/h)
Payload capacity	7 kg	Operating temperature	-20 to +50 c
Endurance	1.5 Hr	Wind (takeoff and landing)	25 knots (45 Km/h)
Endurance (Hover)	50 min	Service ceiling	18,000 ft



BLACK EAGLE 50E: **NEW**

Best in class electric powered RUAV with an MTOW of 50 kg providing high-end mission versatility combining many payload options with highest endurance capability

TECHNICAL SPECIFICATION

DESCRIPTION	DATA	DESCRIPTION	DATA
Total length	3100mm	Data link range	Up to 150 Km
Main rotor diamete	2800 mm	Max air speed	70 knots (126 Km/h)
Maximum T/O weight	50 kg	Cruising speed	45 knots (85 Km/h)
Payload capacity	15 kg	Operating temperature	-20 to +50 c
Endurance	2 Hr	Wind (takeoff and landing)	25 knots (45 Km/h)
Endurance (Hover)	75 min	Service ceiling	18,000 ft



BLACK EAGLE 50H: **NEW**

The Black Eagle 50H is the first hybrid-powered unmanned helicopter enables high performance and maximum operational flexibility for both security forces and civilian applications, such as search & rescue, cyber, intelligence, gas & oil rigs, and high-end naval missions.

Powered by a hybrid engine, the Black Eagle 50H is extremely cost effective, simple to operate, easy to maintain and, with the hybrid propulsion system, both environmentally friendly and safe.

TECHNICAL SPECIFICATION

DESCRIPTION	DATA	DESCRIPTION	DATA
Total length	3100mm	Data link range	Up to 150 Km
Main rotor diameter	2800 mm	Max air speed	70 knots (126 Km/h)
Maximum T/O weight	50 kg	Cruising speed	45 knots (85 Km/h)
Payload capacity	12 kg	Operating temperature	-20 to +50 c
Endurance	5 Hr	Wind (takeoff and landing)	25 knots (45 Km/h)
Endurance (Hover)	3.5 Hr	Service ceiling	16,500 ft

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MISSIONS & PAYLOADS:

The Black Eagle family of RUAS are designed and built with a full open architecture payload compatibility enabling the customer to fulfill the specific mission requirements giving a true multi-domain 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. Whether up-close low, slow and hover or high, fast, and far the RUAS covers the best of both worlds.

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

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MORE THAN A ROTARY UAS

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