



BLACK EAGLE 50

The Black Eagle ROTARY UNMANNED AERIAL VEHICLES (RUAV) is a robotic observation system for Civil, Military and Homeland security missions. The objective of the Black Eagle is to provide Maritime and Land solutions for intelligence, surveillance, target acquisition and reconnaissance (ISTAR). This is made possible by using an unmanned helicopter with these important advantages



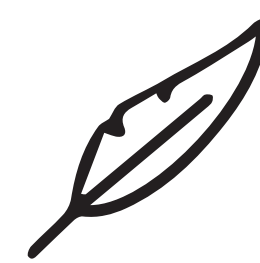
VERTICAL TAKE-OFF
AND LANDING



NIGHT AND
DAY VISION



STEADY HOVERING



LIGHTWEIGHT
AND COMPACT



CONTINUOUS
OPERATION

TECHNICAL SPECIFICATION

DESCRIPTION	DATA	DESCRIPTION	DATA
Total length	2540 mm	Data link range	15 Km, 50 Km, 100 Km
Main rotor diamete	2160 mm	Max air speed	70 knots (126 Km/h)
Maximum T/O weight	35 kg	Cruising speed	47 knots (85 Km/h)
Payload capacity	3 kg	Operating temperature	-40 to +55 c
Endurance	4 Hr	Wind (takeoff and landing)	25 knots (45 Km/h)
Endurance (Hover)	3 Hr	Service ceiling	9,000 ft

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