

EDePro 4

ALECS II Higher cruising speed, less energy

For a greater robustness, an increased payload capacity, a longer flight time and a higher cruising speed – at the cost of much less energy – EDePro upgraded its ALECS I UAV and created a technologically improved version, ALECS II. With a greater efficiency compared to helicopters, this UAV provides tactical situation awareness, as well as intelligence capabilities that make it suitable for various military implementations.

Tactical Use

Just like its precursor, this UAV can be used as artillery support, as a suicide drone, for observation, target positioning and irradiation, along with other military operations. It can also serve as a data transmission link over long distances.

Improved Performance

ALECS II is a next-generation multi-mission tactical UAV system, with approximately 5h of flight time, a maximum speed of 200 km/h and a maximum payload capacity of 25 kg.

Real-Time Data Transmission

Equipped with electro-optic and infrared sensors, ALECS II transfers real-time image data to the ground control station (GCS) during flight operations, enabling a consistent, continuous and secure data transmission, even in the most challenging environments.

The Ground Control Station

This UAV can be operated manually, by an operator from the GCS. The telemetry data is transmitted from the aircraft to the GSC at the frequency of 2.4 GHz and 5.8 GHz.





CONTACT

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MAIN TACTICAL AND TECHNICAL PERFORMANCES

chnical Specification	Data	Unit
Propulsion type	hybrid	/
Data transmission frequency	2.4/5.8	GHz
Ningspan	4600	mm
Piston engine power	15	kW
Maximum payload per each hardpoint (2/1)	12.5	kg
faximum speed	200	km/h
1inimum speed	70	km/h
Cruising speed	120	km/h
Maximum flight altitude	2000	m
Maximum flight time	~5h	h
Temperature range	-30/+60	°C

SYSTEM EQUIPMENT



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