

Survey Copter

Aliaca VTOL: The new member of the Aliaca family



Aliaca VTOL UAS:

Real-time vision and support for tactical depth


➤ Over 10 years' experience at sea in the French Navy, now serving the land forces

Ground troops operate in a complex and opaque environment, where accurate intelligence and situational awareness are crucial to informed decision-making. In the face of both symmetrical and asymmetrical threats, gathering, disseminating and monitoring information is crucial to ensuring operational superiority.

Aliaca VTOL is the vertical takeoff and landing configuration of the SMDM (Aliaca UAS), in operational service with the French Navy since 2022 and certified by the French Defense Procurement Agency (DGA).

Easy to deploy from confined spaces, compact and discreet, this light tactical UAS offers new surveillance and intelligence capabilities:

- Fast deployment and ease of use, day or night
- No launch or recovery equipment required
- No airstrip required
- Easy to dismantle and transport
- Autopilot and ground station common to the entire Aliaca range
- Intuitive interface
- Operational reliability at sea and on land
- Low visual and acoustic signature
- Robust and easy to maintain

SPECIFICATION	Aliaca VTOL Evo	Aliaca VTOL ER
Logistical footprint	Optimized logistical footprint made possible by VTOL capability	
MTOW	< 25 kg	< 25 kg
Endurance	3 hours	6 hours
Data link up to	50 km / 27 NM	80 km / 43 NM
Horizontal / Vertical motorization	Electric	Hybrid (electric and piston engines)
Deployment time	15 minutes	15 minutes
Payload capacity	2 kg	3 kg
Payload	 Gyro-stabilized full HD EO/IR turret (30x zoom, 360°) / infrared or possibility of integrating another payload	
AIS (Automatic Identification System)		
GNSS denied navigation	✓	✓
Transponder		✓
Mission configurations		
ROIM + AIS	3 hours	Up to 6 hours
ROIM + AIS + Cargo 1 kg	2 hours	Up to 4 hours
AIS + Cargo 2 kg	2 hours	Up to 3 hours




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Survey Copter, an Airbus subsidiary since 2011, is a global pioneer in the design, production and operational support of light tactical UAS.

www.survey-copter.com