

TEKEVER

# AR5 MISSION: PATROL

Delivering insight into the unknown.

Meet Europe's first UAS-based  
maritime surveillance system.

-  Wide Area Surveillance
-  Maritime Surveillance
-  Border Patrol
-  Pollution monitoring
-  Fisheries inspection
-  Communications Relay

DESIGNED  
FOR MARITIME  
AND LAND  
MISSIONS

ITAR  
FREE

SATCOM  
ENABLED

SIMULTANEOUS  
FOAIR,  
SAR AND AIS

ADVANCED  
AI  
ANALYTICS

LIFE-Raft  
DROP  
CAPABILITY

SIGINT



We do the technology  
You do the mission

Together, TEKEVER



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TEKEVER









# AR5

The AR5 is a medium-altitude and medium-endurance fixed wing UAS.

Search & Rescue, maritime surveillance and patrol missions benefit from the increased endurance, reduced operating costs and lower risk to life offered by the AR5.

- Real time collection, processing and transmission of high definition video from multiple EO and IR sensors.
- Redundant critical flight systems, including twin engines
- Sub-Tactical UAS ranging up to 180Kg MTOW
- BRLOS - Beyond radio line of sight satellite communications
- High precision video, imagery and sensor data in real-time
- Flexible architecture, supporting multiple types of payloads and datalinks
- Highest production standards, accordingly with EASA regulations
- Used in multiple collaborative projects for testing and validation
- Selected to create the first European-wide UAS-based Maritime Surveillance System
- TAR Free
- Fully managed RLoS and BRLoS - Radio line of sight datalink handover
- Takeoff from short unpaved runways
- Automatic take-off and landing (ATOL)
- 30X optical zoom

## AR5

	Dimensions	7.3 m x 4.0 m
	MTOW	180 kg
	Payload Capacity	50 kg
	Flight Endurance	20 hours
	Comms Range	unlimited
	Cruise Speed	100 km/h
	Launch Method	unprepared airstrip
	Recovery Method	unprepared airstrip

## PAYLOAD OPTIONS

- 5 sensor gyro-stabilized gimbal
- Multiple EO/IR sensors
- AIS and EPIRB
- Maritime Radar
- SAR
- SIGINT
- LifeSaver

## AT THE SERVICE OF:



Automatic Take-off & Landing.



Satcom enabled.



Flexible payload options.



Unprepared airstrip



Life-raft drop capability.

