

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
EO/IR,
SAR AND AIS

ADVANCED
AI
ANALYTICS

LIFE-RAFT
DROP
CAPABILITY

SIGINT



From software, to electronics,
to airframe, we master all the
details. We adapt.

We're TEKEVER



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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.

Redundant critical flight systems, including twin engines

Sub-Tactical UAS ranging up to 150Kg 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

ITAR 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

7.30 x 4.03 m

Cruise Speed

110 Km/h

Comms Range

unlimited

MTOW

150 kg

Payload Capacity

50 kg

Endurance

12 h

Recovery

runway

Launch

runway



Automatic Take-off & Landing.



Satcom enabled.



Flexible payload options.



Low maintenance.



Life-raft drop capability

PAYLOAD OPTIONS

5 sensor gyro-stabilized gimbal

Multiple EO/IR sensors

AIS and EPIRB

Maritime Radar

SAR

SIGINT

LifeSaver

AT THE SERVICE OF:

