

TEKEVER

AR5

MISSION: PATROL

We're always one step ahead to the unknown.
Meet Europe's first UAS-based maritime surveillance system.



Wide Area Surveillance



Maritime Surveillance



Communications Relay

EMSA & ESA
EUROPEAN
MARITIME
PATROLLER

ITAR
FREE

SATCOM
ENABLED

LOWEST
TOTAL COST
OWNERSHIP

Our System is your tool

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

We're **TEKEVER**
We deliver your promise



info@tekever.com
www.tekever.com
2 Venture Rd, Chilworth
Hampshire
SO16 7NP, United Kingdom

AR5

LIFE RAY

The AR5 LIFE RAY Evolution 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.

Multiple platforms, one system

Tactical UAS ranging from 150 to 500Kg MTOW

BLOS satellite communications

High precision video, imagery and sensor data in real-time

Flexible architecture, supporting multiple types of payloads and datalinks

Highest production standards, and prepared for certification

Used in multiple collaborative projects for testing and validation

ITAR Free

Fully managed LoS and BLoS datalink handover

Short unpaved runways for take-off and landing

Automatic take-off and landing (ATOL)

AR5

Dimensions

4.3 x 3 m

Cruise Speed

140 km/h

Comms Range

unlimited

MTOW

150 kg

Payload Capacity

50 kg

Endurance

12 h

Recovery

runway

Launch

runway

PAYLOAD OPTIONS

Multi sensor 3 axis gyro stabilized gimbal

AIS

Mini SAR

LIDAR

LWIR

LRF

THE EUROPEAN MARITIME PATROLLER



AR5 LIFE RAY EVOLUTION is the European Maritime Patroller, selected by the European Space Agency (ESA) and in partnership with the European Maritime Safety Agency (EMSA) to test and demonstrate European-wide UAS-based maritime surveillance activities



Ready to deploy.



Runway take off & landing.



Satcom enabled.



Flexible payload options.



Low maintenance.