



UAS for surveillance, observation & reconnaissance

| Fully autonomous | Low operating cost | Extended flight envelope High operational availability Land based Ship based Rapid deployment Low maintenance Extended range



















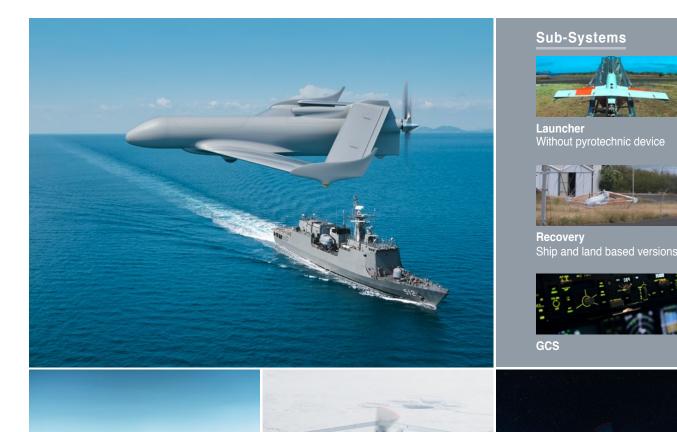
60 km (LOS)

No pilot

R2-240

R2-240 is a fully autonomous system based on the unique rhomboidal wing configuration with the advantages of aerodynamic efficiency, reduction in size of wingspan and structural strength.

The design of rhomboidal aircraft R2-240 has been validated by the ONERA.





Dimensions (W x H x L)	2440 x 403 x 2162 mm
MTOW	60 kg
Max payload	6 kg
Power plant	Hybrid
Speed range (at MTOW)	80 to 200 km/h
Launch speed (at MTOW)	< 90 km/h
Launch method	Mobile launcher
Landing	Net recovery or belly landing
Cruise speed	180 km/h
Operating range	60 km (with LOS communication)
Endurance	10 hours
Ceiling	5000 m

- · No pilot in the loop
- · Automatic take-off and landing / recovery
- Flies a pre-programmed pattern. Pattern can be modified in real time from the GCS using operator basic commands
- Bi-directional data link with real time video image transmission from aircraft to GCS
- Transponder system
- Various payload configurations can be done within the physical and functional constraints of the aircraft
- Power management system
- · Mission sensor (standard): night and day camera

Specially designed for

Target detection, identification and designation / Artillery fire correction / Medical deliveries in remote areas / Communication relay / Border patrol / Support to natural disaster relief operation / Fire detection / Unauthorized trafficking of people and goods / Pollution control / Uncontrolled fishing / Maritime transport assistance & anti-piracy surveillance / Monitoring of industrial infrastructures

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