



UMS
SKELDAR

UNMANNED,
VERSATILE
& MISSION READY

SKELDAR V-200

VTOL Remotely Piloted Aerial System

Introduction to the System

Unmatched technology, makes it more than an aircraft.

The SKELDAR V-200 is maritime ready.

On watch, all the time, real time and unmatched in its class.

Skeldar V-200 is the first rotary winged medium-range RPAS that can be operated from a tailored Remote Pilot Station (RPS).

Equipped with multiple capabilities including surveillance and 3D mapping, the aircraft provides an edge in any environment – day or night.

The system can hover for hours while providing real time information to a RPS or to a remote video terminal.

Launched from historically difficult locations such as the deck of a ship, a travelling convoy or other small stationery areas, Skeldar V-200 is designed to provide real-time intelligence and surveillance as a force multiplier for land, civil security and maritime applications.

The compact solution is fully autonomous, controlled by high-level-commands such as “Point-and-Fly” and “Point-and-See”.

Real-Time Information

Ease of Operation

Fully integrated into existing systems, Skeldar V-200

Remote Pilot Station (RPS) features an intuitive man-machine interface and requires minimal operator input. The system incorporates fly-home and safe landing modes.



Cost Efficiency

Developed with a low lifecycle cost in mind, the modular design enables system customization and functional development, with air maintenance carried out at unit level. Compartments can be easily accessed for service, maintenance and payload reconfiguration.



Wherever and whatever the situation, Skeldar V-200 delivers the solution.

Skeldar V-200 enhances force capabilities by improving situational awareness.

The platform combines short deployment and turnaround time with mobility and a modular design.

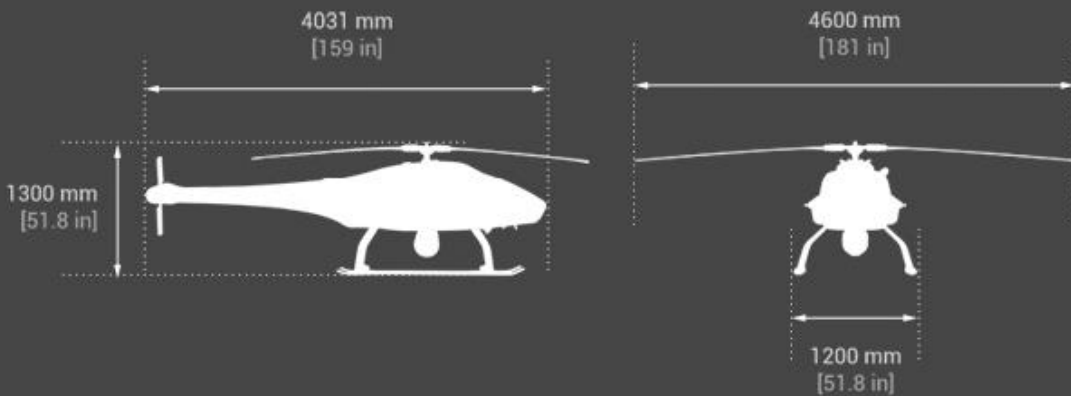
This allows fast and efficient preparation, transportation and delivery of the system.



Key features:

- Multiple capabilities in land, civil security and maritime sectors
- Multiple Payload Capacity
- Easy Deployment - No Airfield needed
- Fully automated Vertical Take-off and Landing (ATOL)
- Maritime Ready
- Heavy Fuel Engine
- Point-and-Fly and Point-and-See principle
- Tethering Mode supporting moving RPS
- Single or dual operator setup
- Redundant flight safety critical components
- Open interface to BMS and C4ISR system
- STANAG 4586 compliant
- ITAR free

TECHNICAL SPECIFICATIONS



PHYSICAL:

Rotor diameter: 4.6 m (15 ft)
Airframe length: 4 m (13 ft)
Height: 1.3 m (4.2 ft) / Width: 1.2 m (4 ft)

PERFORMANCE:

Payload capacity: Multiple
MTOW: 235 kg (518 lbs)
Data Link Range: 100 km, 200 km (54 NM, 108 NM)
Max Airspeed: 150 km/h (81 kts)
Service Ceiling: 3000 m (9842 ft)
Fuel: Heavy Fuel (Jet A-1, JP5, JP8)
Endurance: 5+ hours Subject to size of fuel tank & payload configuration

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