Technical Specification

Rotor Diameter: 4.6m (15 ft)
Airframe length: 4m (13 ft)
Height: 1.3 m (3.7 ft)
Width: 1.2m (4 ft)
MTOW: 230kg (507lbs)
Rotary system: 2 blade rigid head

Payload Suite

Skeldar V-200 is available in a range of advanced payload configurations, including dual capabilities.

Performance

Endurance: 6+ hours
Subject to size of fuel tank module and payload configuration.
Mission radius: 100 km (54 nm)
with Dual Command and Control Data Link >100 km
Service Ceiling: 2000 m (6,560 ft)
Max Airspeed: 140 km/h (75.5 kts)
Payload capacity: 40 kg
Fuel: Heavy Fuel

Payload Suite

Skeldar V-200 is available in a range of advanced payload configurations, including dual capabilities.
**Introduction to the System**

SKELDAR V-200 - VTOL Remotely Piloted Aerial System

Unmatched technology, making it more than an aircraft.

Skeldar V-200 is the first rotary winged medium-range UAV that can be operated from a tailored control station.

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 control station 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 Look”.

With its agile and readily deployable flight performance compared to other compact fixed-wing UAV systems, Skeldar V-200 gets closer to the action, keeping one step ahead.

The combination of UMS Aero and Saab’s leading edge capabilities deliver advanced solutions to meet complex challenges.

The R-350 requires only national certification, adding to the ease of use and operation.

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### Key features:

- Maximum time in the air through hovering and VTOL
- STANAG 4586 compliant
- Multiple capabilities in land, civil security and maritime sectors
- State-of-the-art user interface
- Point-and-Fly and Point-and-See principle
- Tethering Mode supporting moving UCS
- Single or dual operator setup
- Fully compatible with existing systems
- Redundant flight safety critical computers
- Open interface to BMS and C4ISR system

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### System Components

- 1 x Air Vehicles
- Full Avionics System
- 1 x Ground Control Stations (GCS)
- Integrated Air Data Terminal (ADT)
- 100 km Data Link
- Integrated Autopilot
- Flight Management Software
- Training Package
- Full Operations and Maintenance Manuals

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### Real-time information

Keeping one step ahead

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.

**Airworthiness**

A modular design enables the operator to deliver multiple capabilities and applications, meeting national aviation regulations and operational requirements. Skeldar V-200 can be modified for use in controlled airspace across all classifications.

**Availability**

Fully autonomous Vertical Take-Off and Landing (VTOL) and hover capabilities provide the operator with enhanced usability and maximum time in the air.

**Ease of Operation**

Fully integrated into existing systems, Skeldar V-200 ground control station 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 customisation and functional development, with air maintenance carried out at unit level. Compartments can be easily accessed for service, maintenance and payload reconfiguration.