UNMANNED, VERSATILE & MISSION READY

SKELDAR V-200
VTOL Remotely Piloted Aerial System
**Introduction to the System**

SKELDAR V-200 - VTOL Remotely Piloted Aerial System (RPAS)

**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”.

**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-Flay 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

**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.

**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 customisation and functional development, with air maintenance carried out at unit level. Compartments can be easily accessed for service, maintenance and payload reconfiguration.

**V-200 Payload Examples**

- Advanced stabilised EO/IR Sensors
- Synthetic Aperture Radar (SAR)
- Ground Moving Target Indicator Radar (GMTI) LIDAR
- Hyper-spectral and Multi-spectral cameras
- Communications Relay Systems
Technical Specification

Physical

- Rotor Diameter: 4.6m (15 ft)
- Airframe length: 4 m (13 ft)
- Height: 1.3 m (3.7 ft)
- Width: 1.2 m (4 ft)

Performance

- Payload capacity: Multiple
- MTOW: 235 kg (518 lbs)
- Data Link Range: 90 km (48.6 NM)
- Service Ceiling: 3000 m (9842 ft)
- Max Airspeed: 140 km/h (75 kts)
- Endurance: 5+ hours (Subject to Payload configuration)

UMS SKELDAR

is a joint venture company between UMS AERO GROUP and SAAB.