



SKY-WATCH

Capability that works under pressure

Frontline-ready ISTAR built for changing conditions

Sky-Watch RQ UAV platforms combine sensor intelligence, distributed edge compute and Mission Software, into one operational capability.

- Built in Denmark.
- Validated in Ukraine.
- Continuously refined through battlefield feedback.

ISTAR for the tactical edge

From sensor intelligence to operational workflow

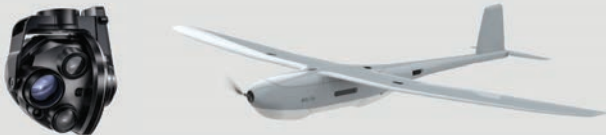
Sky-Watch UAS infrastructure connects sensor-edge intelligence and onboard UAV processing with SDM and third-party integrations.

Capability emerges when the layers work together.

Payloads capture mission intelligence. Onboard edge compute processes it at the sensor and UAV platform. Mission Software converts everything into actionable workflows and connects with ATAK, DELTA, SitaWare and other C4I systems.

■ Sensing and onboard processing

The sensor module handles image-centric AI processing, including video enhancement, object tracking and scene analysis before data leaves the sensor. The UAV module adds a mission-centric AI application layer onboard the aircraft, supporting DRI, visual navigation and customer-specific mission applications directly at the edge to reduce dependency on ground-station processing and minimize latency.



■ Mission workflow and integration

Through Sky-Watch Drone Manager, live video feeds, object detections, metadata and mission context are brought into a single operational view for the operator, enabling tasking, coordination and faster decision-making. Third-party integrations extend this intelligence to ATAK, DELTA, SitaWare and other C4I systems.



SYSTEMATIC



An aerial, high-angle view of a city in ruins. The ground is covered in rubble, smoke, and debris. Two white, fixed-wing drones are flying over the wreckage. The drone in the foreground is closer and larger, while the second one is further away. The overall tone is somber and dramatic, with a focus on the aftermath of destruction.

**Capability only
matters if it works
when conditions
*change.***

RQ-35 Heidrun

The compact tactical-edge UAV platform

■ **Designed for easy and rapid deployment, single-operator use and immediate situational awareness close to the frontline.**

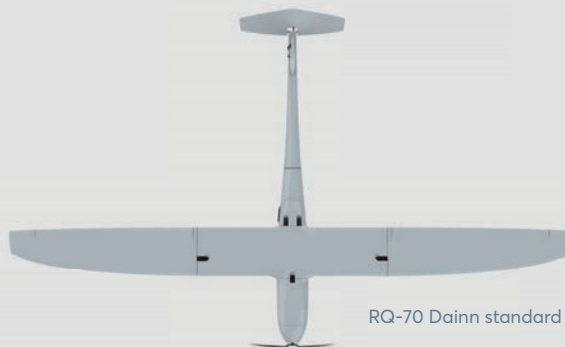
With up to 3 hours of endurance, a 50 km operational range, onboard AI processing, EW resilient navigation support, and a low visual and acoustic profile, RQ-35 Heidrun is the choice for time-sensitive ISTAR, target observation, force protection, route reconnaissance, and terrain awareness.

Enhanced drivetrain delivering up to 40% more thrust, improving hand-launch performance, launch reliability and operator confidence in low-wind conditions.

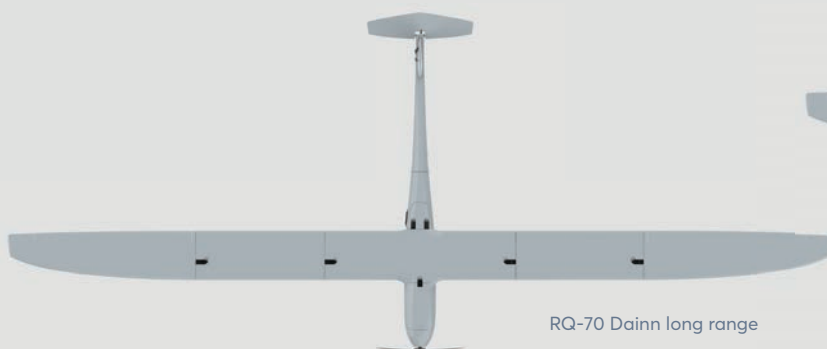
RQ-35 Heidrun is built for missions where mobility, a low operational footprint and rapid tactical effect are critical. Its compact fixed-wing design enables rapid field deployment while maintaining the endurance, sensor capability and mission software integration required for tactical-edge operations.



RQ-35 Heidrun



RQ-70 Dainn standard



RQ-70 Dainn long range

RQ-70 Dainn

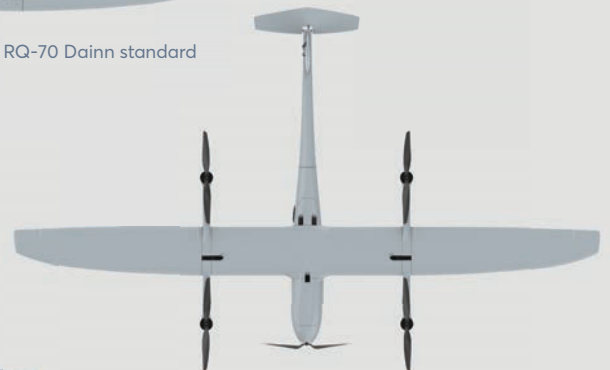
The long-endurance and deep-reach UAV platform

■ **Designed for missions that require extended endurance, greater operational offset and wide-area coverage.**

With up to 8 hours of endurance, a 100 km operational range, onboard AI processing, EW resilient navigation support, RQ-70 Dainn is the choice for deep-reach ISTAR and long-duration surveillance beyond the immediate tactical frontline. It enables operators to maintain persistent awareness over larger areas and extended reconnaissance corridors where time on station is the critical factor.

The field-attachable VTOL kit expands the platform's deployment flexibility, enabling mission profiles across both land and maritime environments where conventional launch and recovery options are limited.

RQ-70 Dainn is the platform of choice when persistence, reach and mission endurance define the operational requirement.



RQ-70 VTOL

UAV Platform Capabilities

Capability	RQ-35 Heidrun	RQ-70 Dainn
Primary Role	Tactical-edge ISTAR	- Tactical-edge ISTAR - Deep-reach tactical ISTAR
Mission Profiles	Tactical-edge and frontline ISTAR missions requiring rapid deployment, immediate situational awareness and close operational support.	Deep-reach ISTAR missions requiring extended endurance, greater operational offset and longer time on station.
Configurations	Fixed-wing compact, 2-section, 1.6 m wingspan	- Fixed-wing standard, 3-section, 3.1 m wingspan - Fixed-wing long-range, 5-section, 4.5 m wingspan - VTOL, field-attachable inserts
Endurance	Up to 3 hours	Up to 8 hours
Operational Range	Up to 50 km	Up to 100 km
Bands & Frequencies	- Single-Band (S): 2.2 - 2.5 GHz - Dual-Band (S and C): 2.2 - 2.5 GHz / 4.4 - 4.94 GHz	
Deployment & Recovery	- Single-operator hand-launch and deep-stall recovery - Deployment time: < 5 minutes	- Single-operator hand-launch and deep-stall recovery - Deployment time: < 15 minutes
Operating Temp Range	-20 degrees °C to +50 degrees °C	-20 degrees °C to +50 degrees °C
TTOW	3.35 kg	- Standard: 9.2 kg - Long-range: 10.0 kg
Dimensions	Ready for take-off: 1070 x 1650 x 170 mm	Ready for take-off: - Standard: 1850 x 3100 x 430 mm - Long-range: 1850 x 4500 x 430 mm
Sensor Payloads	- Zentra-35 EO/IR (2x EO and 1x IR, Zoom: EO x50, IR x4) - Zentra-35 EO (3x EO, Zoom: x100) - Zentra-35 IR (2x IR, Zoom: x20) - Zentra-Nav EO (Fixed) - Zentra-Nav IR (Fixed)	
GNSS	Septentrio Mosaic-X5 high precision	Septentrio Mosaic-X5 high precision
Onboard AI Platform	Dual Qualcomm® QCS8550-based AI compute modules with 64-bit octa-core CPUs, integrated GPU acceleration and dedicated neural processing - delivering up to 48 INT8 TOPS of AI performance per module.	



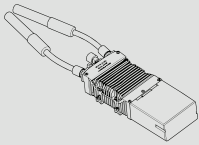
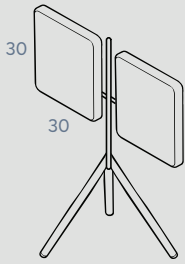
Scalable ground control for field mobility and mission range

The Sky-Watch Ground Control System is configured to match the RQ UAV platform family, mission range and operational profile. Built for rugged field use and reliable command-and-control, it supports rapid deployment with a compact transport setup and small logistical footprint.

■ GCS Compact

Radio & Antenna Link

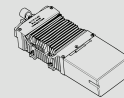
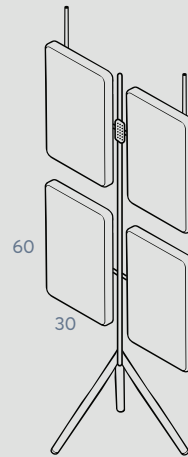
- MIMO MANET radio, single- or dual-band
- Dual high-gain 30x30cm directional antennas
- Omnidirectional antennas



■ GCS Extended

Radio & Antenna Link

- MIMO MANET radio, single- or dual-band
- Quad high-gain 60x30cm directional antennas
- Tracker antenna
- Omnidirectional antennas



RQ-35 Heidrun



RQ-70 Dainn standard



RQ-70 Dainn long range



RQ-70 VTOL field kit support for applicable RQ-70 configurations.

■ Deployment Footprint

The RQ-35 and RQ-70 share a common rugged transport case format, enabling a consistent and scalable logistics setup across the RQ UAV platform family. Each system is transported in compact field cases and operated through a field-ready Ground Control Station with SDM on a rugged operator tablet.

RQ-35 Heidrun:
1x transport case

RQ-70 Dainn Standard:
2x transport cases

RQ-70 Dainn Long Range:
4x transport cases

(RQ-70 VTOL kit:
1x transport case)



Mission profiles

Modern operations demand ISTAR that can be deployed quickly, remain operational under pressure, and move intelligence into the mission workflow without unnecessary delay.

■ Tactical situational awareness

Real-time awareness close to contact.

Operators can rapidly establish understanding of terrain, movement and threats while supporting route planning, maneuver preparation and force coordination.

■ Persistent surveillance at operational depth

Maintain awareness beyond immediate contact.

Extended endurance and operational range support ISTAR deeper into contested areas, enabling wider coverage, longer time on station and persistent observation where it matters most.

■ Target acquisition

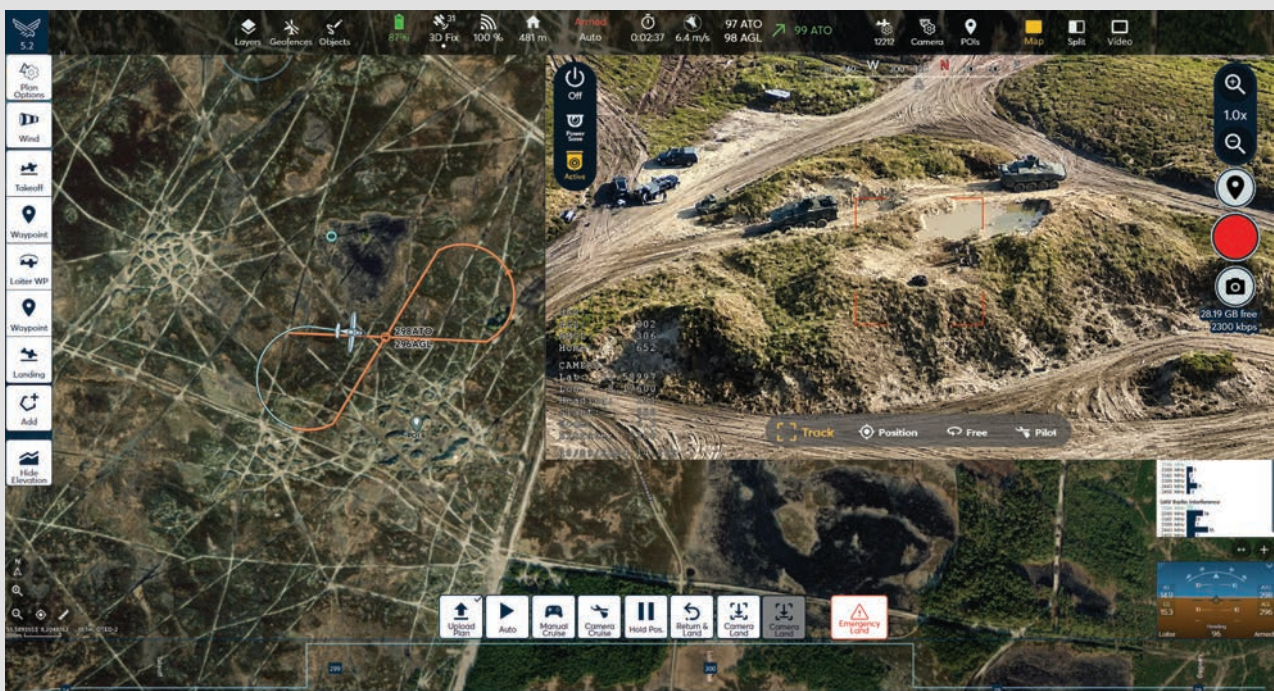
Shortening the path from detection to action.

Observation, validation and target handoff move directly into operational workflows, enabling faster coordination between sensor, operator and supported units.

■ Resilient ISTAR in contested environments

Maintain capability when conditions deteriorate.

EW-resilient navigation support, distributed edge Al and adaptive mission workflows help sustain ISTAR continuity in degraded, contested or bandwidth-constrained environments.







SKY-WATCH

Østre Allé 6F
DK-9530 Støvring
Denmark

+45 9686 7666
sales@sky-watch.com
www.sky-watch.com



Authorized for BVLOS
Operations under
PDRA-G02.