



RQ-35 HEIDRUN

GEO INTEL AND EO/IR - FIXED WING UAS

WHO ARE WE?

Sky-Watch develops, manufactures and offers Mini-UAS for the defence and security segment. Our solutions target the frontline of net-centric warfare concepts, interoperability trends and force multiplier initiatives. Our UAS solutions are designed to increase speed and precision in operational decision-making through improved situational awareness (SA).

We predict a massive proliferation in the utilization and deployment of mini-UAS and sensor technology in the lower and sub-tactical levels of the defence and security force segment. Sky-Watch aims to be a driving force in shaping and facilitating these multi-domain frontline capabilities for defence, security, and battlespace management purposes.

WHAT MAKES THE RQ-35 HEIDRUN THE BEST MINI UAS ON THE MARKET?

- Deploys without access to GNSS
- Touch screen-based = zero joystick operations
- Hot-swap single or dual tablet operation
- Out-of-backpack to airborne < 5 minutes
- EU PDRA-G02 BVLOS certified (peacetime Train-As-You-Fight)
- Best in class flight time and operational range relative to size/weight ratio

NATO / EMEA TESTED

Our current mini-UAS solutions are operative in EU and NATO countries and both tested, deployed, and combat-proven in international markets in the EMEA and APAC regions.

We hold a decade long experience in working with a broad spectrum of the largest European and US based defence industry corporations on various UAS technologies.

SERVICE AND PRODUCT OFFERINGS

Sky-Watch offers Military-Off-The-Shelf (MOTS) Heidrun mini-UAS as a frontline decision-support-tool for the company commander and the patrol leader with various payloads. Heidrun is Global Navigation Satellite System denied flying capable. The Heidrun platform is combat-proven on several continents (Europe, Middle East and Africa).

We offer high-speed product development hand-in-hand with our client base adding to the cutting-edge technology development in the industry. Sky-Watch provides customer training at a place of their choosing, commissioning and advisory services and full life-cycle support including Sky-Watch Drone Manager software updates.

2.6 kg
Takeoff weight

30km
Transmission range

100 min.
Flight time EO/IR

150 min.
Flight time GEO INTEL



Best-in-class User Interface (Sky-Watch Drone Manager / SDM)



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WHY ARE UAS CRUCIAL IN PRESENT DAY WARFARE?

HEIDRUN EO/IR

Intelligence, Surveillance, and Reconnaissance (ISR) technology is a true force multiplier for military decisionmakers at all levels of command. Light-weight, affordable mini-UAS allows must-have situational awareness (SA) when connection to higher command can be disrupted.

The Heidrun Electro-Optical (EO)/Infrared (IR) is an easy-to-operate, fixed-wing mini-drone for low altitude situational awareness and reconnaissance missions, streaming live video from a distance of +30 km. Ideal for collecting immediate intelligence data from any mission critical area.

HEIDRUN GEO INTEL

Terrain and image intelligence is a game changer for planning and executing military operations in the ever changing battlespace. Updated maps increases efficiency and is life saving.

The Heidrun GeoIntel is a fully autonomous, light-weight mini-drone designed for high-precision mapping providing accurate 2D and 3D models for operational mission planning and execution.



DO YOU WANT TO KNOW MORE ABOUT OUR UAS AND THEIR IMPORTANCE?

DECISIVE DRONES IN PRESENT DAY WARFARE

Recent and present day war and conflict have shown the importance of embracing evolving technologies like UAS of all sorts and forms since they have proven decisive in the battle space. Hesitation can lead to an asymmetric advantage for the adversary.

Hesitation can come from risk adverse behaviour in force development and procurement faced with fast-evolving technology but too much hesitation deprives the force of years of lessons learned, gained experience, and doctrinal development incorporating force multipliers like UAS.

DETAILS AND TECHNICAL SPECIFICATIONS

The RQ-35 Heidrun is a battle proven, fixed wing, mini UAS for low-altitude video surveillance and reconnaissance missions. It is designed for operations in complex environments and with high mobility, rapid and easy launch and recovery in mind.

Download whitepaper:
MINI UNMANNED AERIAL SYSTEMS IN PRESENT DAY MULTI-DOMAIN MILITARY CONFLICTS



Download whitepaper:
HEIDRUN MINI FIXED WING UNMANNED AERIAL SYSTEMS EXAMPLES OF USE CASES, COY-LEVEL (ARMY & HOME GUARD)



Download Spec Sheet:
GET THE FULL OVERVIEW AND PRODUCT SPECIFICATION IN THE TECHNICAL SPECIFICATION SHEET.

