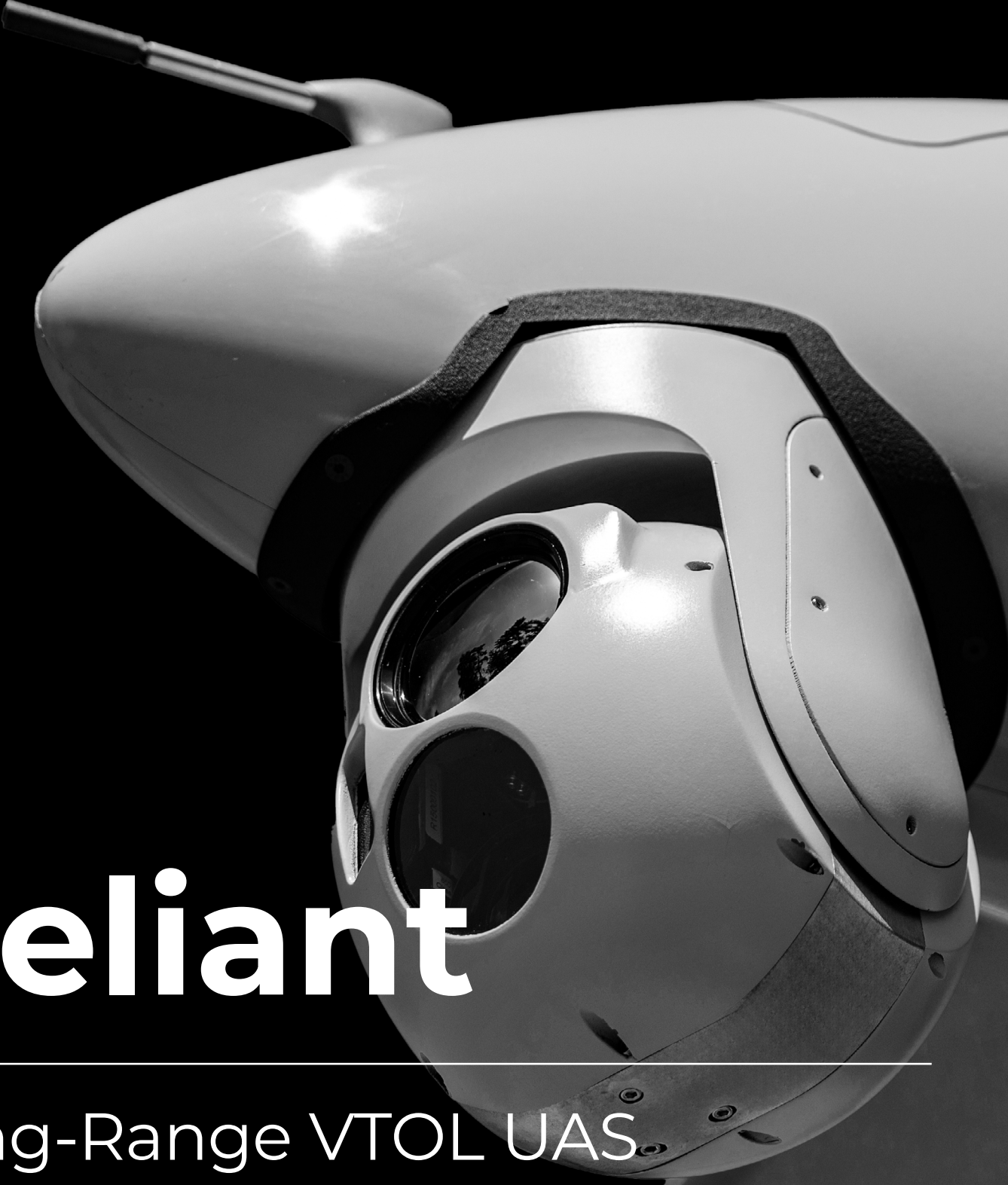
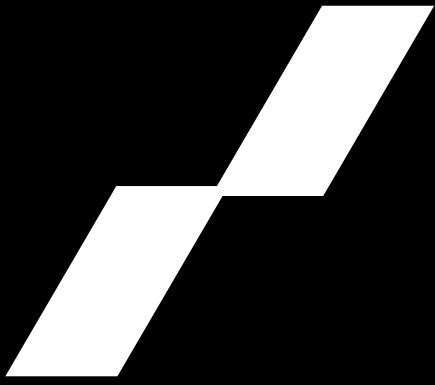


A close-up, black and white photograph of the nose of a white VTOL UAS. The aircraft features a large, complex sensor pod mounted on its front, which includes multiple lenses and a dark, recessed area. The aircraft's body is smooth and white, with a small antenna visible on the left side. The background is dark, making the white aircraft stand out.

Reliant

Long-Range VTOL UAS

The Future is Unmanned.

Quantum-Systems is a leading European deep tech company specializing in unmanned systems. We develop, produce, and scale integrated hardware, software, and AI-based system solutions that are already operational across multiple domains today.

Our systems combine autonomous platforms, advanced sensor technologies, secure communication architectures, and AI-driven data processing into end-to-end, mission-ready solutions. They enable precise situational awareness, rapid decision-making, and robust operational execution — across domains and in real time.

Headquartered in Gilching near Munich, with additional national and international locations, Quantum-Systems develops all core technologies

in-house — from physical platforms to mission and control software and AI-powered analytics. Quantum-Systems stands for technological excellence and operational superiority.

Quantum-Systems serves defense and security customers around the world, enabling mission-critical operations with advanced unmanned solutions. Armed forces, security agencies, and government organizations depend on our technology to provide actionable intelligence, persistent surveillance, enhanced situational awareness, and reliable support in complex operational environments.

What sets us apart is not only technological leadership, but also speed, scalability, and vision. In a market that is currently being redefined, we set new standards.

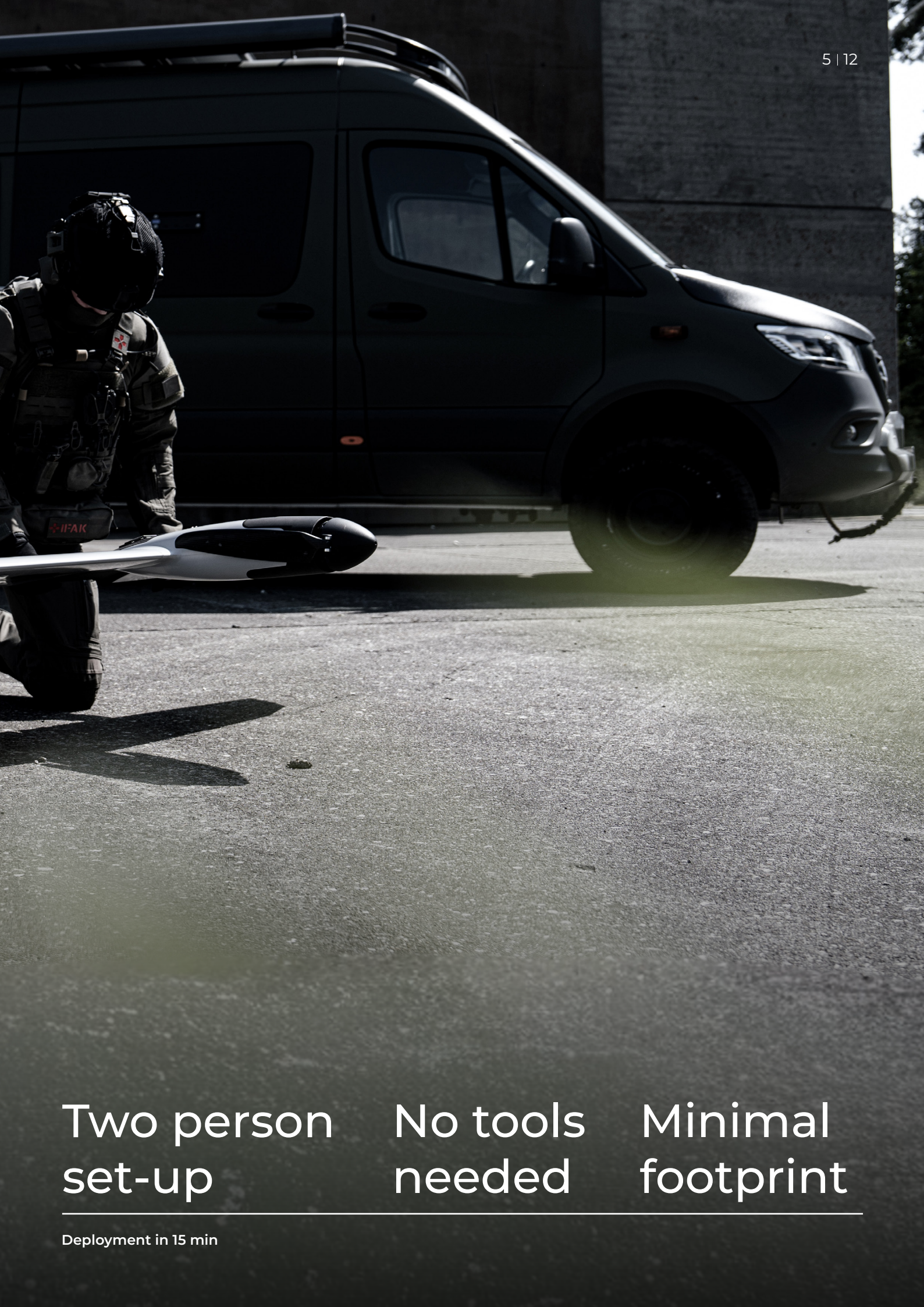
Intelligence Without the Infrastructure

A white Reliant VTOL Fixed-Wing UAS drone is shown on a tarmac. The drone has a sleek, fixed-wing design with a large propeller at the front and a sensor pod mounted on the nose. In the background, two soldiers in tactical gear are standing near a dark vehicle, suggesting a military or intelligence operation environment.

Reliant VTOL Fixed-Wing UAS

Group 3 UAS built for autonomous ISR in contested, multi-domain environments. Modular payloads, GNSS-denied navigation, and real-time intel with no runway or launcher needed.

Wingspan	4.3 m
MTOW	45 kg
Wind	15 m/s
Endurance	10+ h



Two person
set-up

No tools
needed

Minimal
footprint

Deployment in 15 min

Sensor Options



- Gimbaled EO/IR sensors with optional laser rangefinder, laser designator, or laser illuminator
- Synthetic Aperture Radar (SAR)
- Signals Intelligence (SIGINT) payloads
- CRPA (Controlled Reception Pattern Antenna) modules for GNSS resilience
- Electronic Warfare (EW) and jamming payloads
- Additional tactical data links and relay packages
- SATCOM connectivity
- Option for mountable payloads

Mission-Driven Modularity

Reliant's dual, swappable, MOD-compliant payload bays enable rapid sensor and payload reconfiguration. Designed for modularity, Reliant allows teams to adapt to evolving mission demands and threats in real time.

Its open architecture enables integration of third-party and government off-the-shelf payloads for diverse ISR and EW missions. Operators can launch back-to-back missions with different sensors, including EO/IR, SIGINT, EW, and CRPA, thereby maximizing uptime and operational impact.



Ground Control System



Interoperability

- MISB ST 0902 (STANAG 4609)-compatible live video stream with KLV metadata
- Battle Management System (TAK, Sitaware, Telepak)
- Cursor-on-Target (COT) protocol
- C4ISR-capable
- Robust plug-in architecture

SRoC



Touch Display
7"



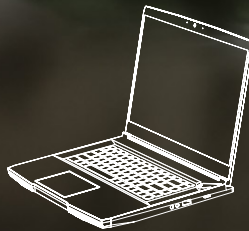
Hot
swappable



Battery
2x swappable
battery module



IP Rating
IP65



Toughbook



Touch Display
14"



Hot
swappable



Battery
up to 38 hours



IP Rating
IP53



Mission Control Software



MOSAIC UXS

- 360° Link: Seamless Interoperability
- Intelligent Mission Control: AI-Supported Mission Planning & Execution
- Multi-Domain by Design: Orchestrated Collaboration
- Sensor Data Fusion: Coordinated Data Flow
- Scalable Command Interface: For Every Mission Layer
- Open & Modular System: Coordinated Data Flow



**The Autonomous Solution
for Mission-Critical ISR.
Anywhere. Anytime.**

