



# AUAV ONSITE

AUAV onSite is a rugged, all-in-one Drone-in-a-Box (DiAB) system purpose-built for Australian conditions. Designed to operate autonomously without on-site personnel, onSite provides scheduled, repeatable, and on-demand drone flights for asset inspection, project progress tracking, thermal imagery, and more—offering a smarter way to manage remote sites.

## KEY BENEFITS

- Fully autonomous missions – no pilot required on site
- Rapid Deployment: Instant takeoff from base station
- 24/7 Surveillance and Monitoring: Ideal for security, inspection, and environmental monitoring  
Actionable data
- Automatic Charging & Data Upload: Drone recharges and uploads data after each mission
- Reduced Human Risk: Operates in hazardous or remote areas safely

## TECHNOLOGY INSIGHTS

- AI-Capable Flight Planning & Obstacle Avoidance
- Real-Time Data Processing
- LTE/5G & Satellite Connectivity for Remote Operation and Management
- Precision Landing and Smart Charging Systems
- Integration with Sensors: Thermal and RGB. Additional sensors could be added for Gas Monitoring/ Mapping



# DRONE-IN-BOX SYSTEMS



# AUAV ONSITE APPLICATIONS

Consistent, high frequency data automatically delivered from the field to your screen. AUAV onSite represents a step change in how critical assets and environments are monitored bringing automation, safety, and efficiency together in one deployable system. Designed, built and operated here in Australia, onSite is ready to meet the demands of remote, industrial, and high-frequency inspection requirements. Whether it's scheduled site capture, rapid response, or continuous oversight, onSite delivers reliable, repeatable results without needing boots on the ground.

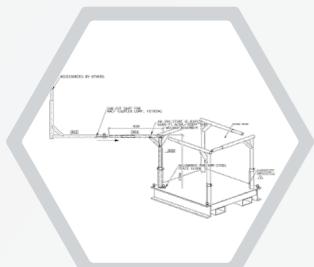
## WHERE IT WORKS BEST

- ❖ Thermal Inspections e.g. Solar Farms
- ❖ Asset inspections
- ❖ Security monitoring
- ❖ Safety compliance
- ❖ Emergency Response
- ❖ Daily site imagery for project progress/planning
- ❖ Volumetric surveys
- ❖ Subsidence and landslip analysis
- ❖ Environmental and spill monitoring

## ADVANTAGES

- ❖ Preplanned, consistent, repeatable data capture
- ❖ On-demand and scheduled flights
- ❖ Rapid response options
- ❖ Timely data capture and analytics
- ❖ Actionable data
- ❖ API connected to Solar Analytic SAAS Vendors

## DESIGNED TO BE DYNAMIC



### RUGGED COMPACT DESIGN

- ❖ Hot dipped galvanised skid
- ❖ Strong frame easily transported
- ❖ Lift points included



### DJI DOCK 3

- ❖ Latest DiAB technology
- ❖ Thermal sensor drone
- ❖ Mapping or live stream



### SUPPORTED BY AUAV ROC

- ❖ 24-hour Remote Operations Centre
- ❖ CASA Approved
- ❖ Ready any time

# AUAV ONSITE DIFFERENCE

AUAV has developed a robust, Drone-in-a-Box (DiAB) system and infrastructure specifically for Australian conditions. Engineered from the ground up, this compact, hermetically sealed and air-conditioned unit offers unmatched durability, mobility, and autonomy.

Purpose-built by experienced structural and electronic engineers, it combines rugged performance with intelligent design, providing a reliable and transportable platform for advanced drone operations across critical sectors. Fully compatible with current and future DJI DiAB systems, it gives clients a future-proof, scalable solution backed by operational excellence.

## KEY DESIGN ADVANTAGES

- ❖ Custom-engineered for Australian extremes
- ❖ Hermetically sealed, climate-controlled enclosure
- ❖ Compact, transport-friendly for rapid deployment
- ❖ Designed for long-term durability
- ❖ Structurally and electronically robust
- ❖ System-agnostic, ready for future DJI Dock systems

## OPERATIONAL AND STRATEGIC EDGE

- ❖ Backed by AUAV's industry-leading expertise
- ❖ Supported by Vertech's trusted capabilities in asset integrity and remote services
- ❖ Land or sea AUAV and Vertech experience is unmatched
- ❖ Seamless enterprise data systems and AI integration
- ❖ Field staff with industry know-how
- ❖ Scalable design and function



# GROUP PARTNERS

AUAV work alongside a Group of affiliated companies that together, deliver a comprehensive range of asset integrity, inspection, maintenance and specialist access services across a wide range of industries and sectors across Australia and the Asia Pacific. Our shared capabilities span project management, NDT, drone and ROV inspections, 3D modelling, specialist access and maintenance, and environmental and export infrastructure services.

**AUAV** – Specialists in UAV, drone-based inspections, and 3D modelling.

**Vertech** – Experts in specialist access, NDT and inspection, maintenance, and repairs.

**Geo Oceans** – Leaders in Mini-ROV IRM and water inspection, with expertise in AUV and ASV deployment.

**Sonomic** – A global leader in specialised NDT and integrity inspection solutions.

**Remo Technical Services** – A leading supplier of turbine installation, maintenance, and inspection services.

**Abseil Access** – Specialists in bridge engineering, geotechnical slope stabilisation, rockfall protection, and rope access solutions.

Together, we deliver tailored service packages designed to meet the specific needs of each client and asset. By collaborating across our group of companies, we drive innovation, improve safety, and ensure consistent delivery of high standards across the mining and infrastructure sectors.



VERTECH



GEO OCEANS



SONOMATIC



AUAV



REMO

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