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A DIVISION OF  PLANT



Altura Zenith

The world's most versatile commercial drone



The Altura Zenith sets a precedent for the design of unmanned aircraft systems, by combining state-of-the-art technology with a remarkably, compact and lightweight carbon fibre design.

Pilots can plan complex and repeatable flight plans from start to finish, while having full control of all payload features from the ground.

With the largest payload compatibility and the simple and fast 'click and go' system, make Altura Zenith the most flexible drone on the market.

Safety and Redundancy

With redundant IMUs and motors, the operator is dually prepared for a safe flight.

Propulsion Lifecycle

Aerialtronic motors have surpassed endurance expectations after flying for 720 hours consecutively without fault.



PENSAR – Actionable Insights in Real-time

During flight, PENSAR leverages deep learning networks in real-time to detect, recognise, track classify and annotate certain objects or deviation of interest and conversely, to blur out and masks objects for privacy reasons.

Read Texts

Detect licence plates, texts or virtually any other alphanumeric figure captured by PENSAR.

Thermal Vision

Get the ultimate insights with daylight and thermal vision overlaid on one screen in real-time.

Sony 30x Zoom HD Vision

Never miss a detail, no matter how small, with the built-in Sony 30x zoom camera.

FLIR Boson IR

The integrated FLIR Boson camera allows users to easily identify heat signatures and determine their temperature.

Recognise Characteristics

Let the computer vision automatically detect and recognise subjects of interest.

Privacy Making

Protect the privacy of bystanders or sensitive content by instantly blurring out the details.



NVIDIA® Jeston™ GPU

AI-based real-time aerial processing is possible due to the integration of the world's first supercomputer on a module.

Real-time AI Apps

Programmed by the operator or learned autonomously, the camera can detect, classify and track points of interest.



Up to 40 minutes
Max. Flight time



Up to 3kg payload
Max. Payload capacity



IP55 TÜV rating
Tested by TÜV,
guaranteed protection



EMC TÜV rating
TÜV tested to work
within electromagnetic
fields



Up to 18km
Max. Flight distance



35+ cameras & sensors
Multi-sensor compatible



16m/s wind speed
Capable of flying in high
wind speeds



A+ redundancy level
Redundant propulsion
and IMUs

To legally fly a small unmanned aerial system in the UK the Operator is legally required to hold a Permission for Commercial Operations (PfCO) from the UK Civil Aviation Authority (CAA). Before a PfCO is issued the Operator must write and have approved an Operations Manual. Also any pilots who are to fly for that Operator must hold a CAA approved NQE issued qualification demonstrating their operating competence and flying capability.

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