



CARBONIX

VOLANTI

The Carbonix Volanti is a simple and versatile solution to capture high-resolution aerial photos and videos. A compact fixed-wing VTOL UAV package that can fly for up to 2 hours and carry up to 2kg.

Fully-autonomous, this UAV was built to glide efficiently and take-off easily using its multi-rotor capability.

The first of Carbonix's VTOL series, the Volanti offers the same aerodynamic efficiency and structural performance of all Carbonix products, with the benefit of a compact size, light weight and easy set up.

THIS UAV AERIAL MAPPING SYSTEM INCLUDES:

- ✓ Fully operational aircraft
- ✓ Sony A6000 metric camera
- ✓ Micasense RedEdge M multispectral camera
- ✓ Batteries
- ✓ Ground control station
- ✓ Telemetry
- ✓ Autonomous mission planning software
- ✓ Image processing software
- ✓ Spare parts
- ✓ Travel box

OPTIMISED FOR AERIAL DATA CAPTURE:

- ✓ Sensor optimised for heights up to 1,000ft
- ✓ Higher altitudes possible with customisation
- ✓ Scan large areas in one flight, up to 500ha in most conditions
- ✓ Calibrated metric sensors
- ✓ Remotely triggered

40km

STANDARD TELEMETRY RANGE

13kg

MAXIMUM TAKE-OFF WEIGHT

2kg

SENSOR PAYLOAD CAPACITY

3.6m

WINGSPAN

2hrs

FLIGHT TIME ALL ELECTRIC

10m

TAKE-OFF ZONE RADIUS

10mins

SET UP TIME

200+

SUCCESSFUL MISSIONS



A LEADER IN BUILDING NEXT GENERATION DRONES

Carbonix is a team of highly experienced aeronautical engineers, electrical engineers and composite technicians with a history of building innovative machines.

With our manufacturing workshop and head office on Sydney's iconic Cockatoo Island, Carbonix products are produced and tested in-house by our team of experts.

With onsite design, engineering and manufacturing capabilities, Carbonix customers know they are getting a premium product with quality standards managed at every stage.

From customising your UAV for your specific mission requirements before it leaves our workshop, to conducting onsite system maintenance at your facilities.

When you buy a Carbonix drone we support you every step of the way:



MAINTENANCE
PACKAGES



PILOT
TRAINING



SERVICE
SUPPORT



PRODUCT
CUSTOMISATION



SPARE
PARTS



LEASING
OPTIONS



MISSION PLANNING
SUPPORT



DOCUMENTATION AND
CERTIFICATION SUPPORT



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