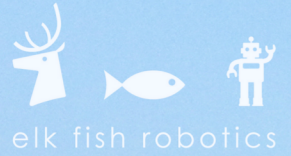


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Zeuxis 10 RTK

An Australian high endurance UAV

www.zeuxis-10.com

Zeuxis 10 RTK

Z-10 is an offline, compact, high endurance octocopter that is able to lift up to 10 kg payloads. It is equipped with a dual RTK system that writes GPS coordinates directly to the SD card image files in real-time. Z-10 is fully compatible with the Sony A7RIV 61MP resolution camera in addition to a wide range of thermal & lidar sensor packages. A robust onboard transmission system offers a visual line of sight (VLOS) flight range of up to 20-30 km. Powered by the latest semi-solid state battery technology, the Z-10 is able to stay airborne for times in excess of 55 min with payload*. All mission planning and flight control systems are intrinsically offline so your data stays where it belongs - with you.



10 Kg

Carry up to 10 kg. Perfect for diverse applications where space is at a premium but payload is key.

RTK

Dual RTK positioning provides millimetre accuracy, ideal for surveying, mapping, and inspections..

Offline

No firmware updates, online registrations or subscriptions required. UGCS software also operates offline

55+ min

30 - 35% more power than Li-Po. Dual Semi-Solid State Li-Ion Graphene Batteries.

Payloads

Thermal, Lidar, Magnetometer, Mapping RGB, Methane Detectors and Dropper systems are easily integrated using universal mount. Includes FPV Camera for forward view.

Australian

Australian developed flight controllers featuring triple IMU and compass for redundancy. WA based programming.



Expandable

Z-10 ecosystem makes it simple to upgrade and future-proof the drone against rapidly progressing technology. Remote controllers, batteries, and even motors can be upgraded.

Autonomous

Z-10 utilises SPH Engineering UGCS mission control software which is fully offline and private for data sensitive missions. It also allows Z-10 to perform one key take off, terrain following, smart photogrammetry mapping modes and demonstrate RTH abilities.

Small but Powerful

Z-10 utilises eight ultra-lightweight but powerful co-axial motors mounted on aviation carbon fibre and aluminium hull components. This combined with two 30Ah semi-solid state batteries allows Z-10 to lift 10kg even in the toughest conditions. Total weight with no payload is approximately 12.5kg. Built with Australia's harsh conditions in mind Z-10 is designed to last.

