

Sword 3 & 4 meter unmanned aerial vehicles and systems UAV / UAS



- Advanced Surveillance / sensor / Cargo UAV

- Easily deployed and operated, Automated flights and deliveries / drops.

- Massive payload sensor / gimbal capability and rapid 'swap or drop' of load containers.
- Portable, easily handled equipment.
- Transported and protected in convenient carrying cases.
- Large capacity fuselage, ultra-long missions or large payloads as required.
- Low magnetic signature for magnetic surveys and mapping use as well as stealthy surveillance.
- Dual redundant control surfaces for extreme reliability.
- Electric or EFI IC Petrol Twin cylinder pusher engines.
- Cannon Sword is an efficient twin wing design promoting more lift as the wing loading is halved for each wing giving long flight duration, halving the wingspan compared to a traditional monoplane.
- The VTOL Co-Ax lift version Combined with a hybrid power system this versatile UAV becomes a 'Quad' drone platform at the flick of a switch. Launcher versions also available along with STOL and STOVL.
- Ultra-long flights of > 24 hours, bringing large UAV performance to commercial users, BVLOS and Aircraft DAA capabilities to suit the client's mission objectives.



SWORD: Twin wing, large capacity heavy lift fuselage

SWORD 3 Meter wingspan Range

SWORD 3.0 E, Single electric pusher, 5-hour duration. 10kg max load *

SWORD 3.0 2E, Twin Coax Electric pusher. Get Home resilience. **

SWORD 3.0 ICE, 70cc, 4 Stroke EFI engine, 10-hour duration **

SWORD 3.0 VTOL, Fixed rotor + Pusher hybrid. ***

SWORD 4.0 Twin Wing 4 Meter Range

SWORD 4.0 E Single electric pusher, up to 6-hour duration, 15 kg max load ***

SWORD 4.0 2E Twin Coax Electric pusher. Get Home resilience ***

SWORD 4.0 ICE. 120cc, 4 Stroke EFI engine, 12-hour duration ***

SWORD 4.0 VTOL, Fixed rotor pusher hybrid***