

Cruiser UAV Platform



Cruiser UAV's philosophy

Designed as a high-performance unmanned aircraft, Cruiser UAV is capable of 2.5 hours endurance with 6 kg payload. With a small footprint of 3.2 m wingspan, Cruiser UAV can handle up to 20 kg maximum take-off mass while offering operational flexibility. Depending on your specific mission requirement the platform can be configured as fixed-wing only or fixed-wing + VTOL.

Available as an airframe ready for autopilot and payload integration or as an airframe and autopilot ready for payload integration.

Applications

- ISR & Surveillance
- Payload Delivery
- Mapping & Photogrammetry
- Search & Rescue
- Scientific Research

Key features

- Cruiser UAV platform ready for payload and autopilot integration
- Fixed-wing configuration
- VTOL configuration
- Up to 6kg payload capacity
- Free PX4 configuration files
- Extensive documentation set
- SITL and HITL simulator for further development & training
- Short lead time for standard configurations
- BVLOS communication

Contact

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Specifications

Parameter	Value
MTOW	20 kg
Empty Weight*	14 kg
Wing Span	3.22 m
Length	2.0 m
Wing Area	0.82 m ²
Propulsion type / power**	Brushless / 2000 W
Takeoff Method	Runway / VTOL hybrid

Performance

Parameter	Value
Endurance**	2.5 hours
Cruise speed	25 m/s
Stall speed	13 m/s
Max Level Speed	35 m/s
Takeoff Run***	50 m

* Battery included

** Cruiser UAV in fixed-wing configuration

*** Sea level altitude, 20kg aircraft weight, 15° C, concrete runway.

