

EAGLE PLUS VTOL UAS SYSTEM

Characteristics

- Applications: Mapping, Photography and aerial surveillance EO/IR
- Maximum Takeoff Weight: 21.3 kg
- Empty airframe (w/o battery, payload): 10.3Kg
- Wingspan: 3500 mm
- Length: 1990 mm
- Wing area: 70 dm²
- Height: 300 mm
- Takeoff (w/o battery, payload): 8.2 Kg
- Max payload (included battery): 10 kg
- Motor: 500 kv
- Battery (LiPo 12s,10000mAh x 1, 9L/500w Hydrogen-cell x 1): 8.5kg
- Flight time: 5 hours
- Payload: 10 kg
- Lift Prop: 30 Inch
- Thrust Prop: 23 Inch
- Endurance: 5 hours
- Cruise speed: 28m/s (100km/h)
- Max speed: 32m/s (115km/h)
- Stall speed: 24m/s (86km/h)
- Runway: 5m x 5m

Description

Full composite, carbon fiber / Honeycomb core structure.

Electric motor power.

Revolutionary huge fuselage design for carrying Hydrogen Liquid battery.

Cruise of 24m/s power consumption from 330-600 watt at 16.7kg MTOW.

Tough structure achieves industrial standards.

Dual battery power maximizes the safety goal.

Compatible with full-featured PC-base, open source autopilot system.

Easy for assemble in the field, no need for expert skill.

VTOL suit for any mission.

