

EAGLE VTOL UAS SYSTEM

Characteristics

- Applications: Mapping, Photography and aerial surveillance EO/IR
- Wingspan: 3500 mm
- Length: 1610 mm
- Maximum Takeoff Weight: 16 kg
- Wing area: 70 dm²
- Height: 300 mm
- Takeoff (w/o battery, payload): 8.2Kg
- Max payload (included battery): 7.8kg
- Motor: 500 kv
- Battery: (LiPo 8s,8000mAh x 1, Li-ion 6S,56000mAh x 1) 6.3kg
- Flight time: 5 hours
- Payload: 10 kg
- Lift Prop: 30 Inch
- Thrust Prop: 23 Inch
- Endurance (MTOW 16kg): 2 hours
- Cruise speed: 24m/s (86km/h)
- Max speed: 33m/s (120km/h)
- Stall speed: 20m/s (72km/h)
- Runway: 5m x 5m

Description

Full composite, carbon fiber / Honeycomb core structure.

Electric motor power.

Tough structure achieves industrial standard.

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.

