

Solar UAV Surveillance System



Sun star -7.5m -15m-30m-60m Solar UAV

Products ready for delivery 7.5 m solar UAV

The goal is to build and fly a scale down demonstrator of the full scale Prototype for marketing purposes and operational use The scale down ratio is about 1:8 (with chord adaptation for structural constraints)

and for the use for Intelligence ,
Surveillance, deface missions.

- Wing span 7.5 [m]
- Chord 0.4[m] main
- Wing aspect ratio 1:20
- Wing area 2.3 sqm including winglets
- Weight- up to 12 [kg] 7kg uav + 5 kg battery weight
- Day night payload 1 [kg]
- **Endurance designed for 7 days 168 [hours]**
- Flight Altitude- Up to 70000 [feet] AGL
- Speed as needed for flight
- Electric Flight

