



asteria
aerospace



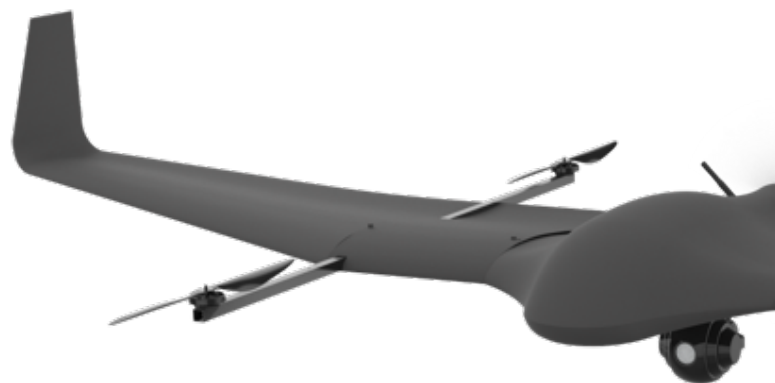
- **3000m altitude** ceiling
(variant with 6000m ceiling available)
- **15 km range**
- **120+ minutes** of flight time
- **Dual EO-IR** payload

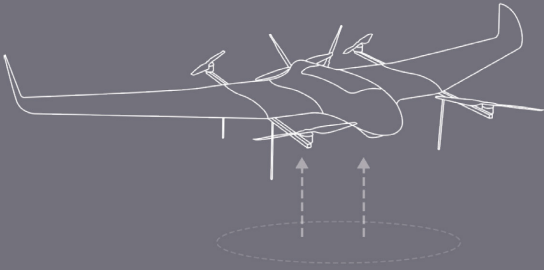
AT-15TM

VTOL drone with superior endurance and range for critical missions

High endurance drone for ISR operations

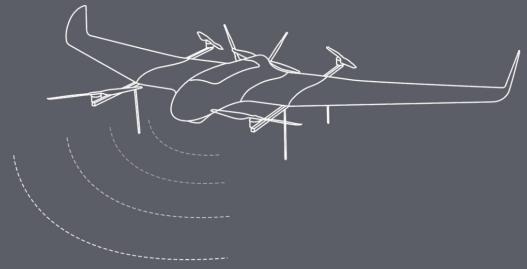
With a flight time of over 120 mins and range up to 15 km, the AT-15 is best suited for short range ISR missions.





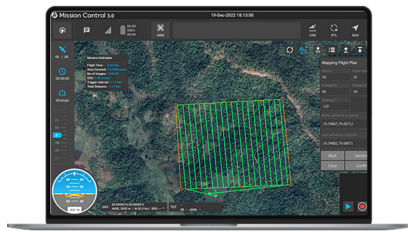
Vertical take-off and landing for ease of operation

The AT-15 can take-off and land vertically from an area as small as 5m x 5m and transition to fixed wing forward flight on reaching a safe height.



Secure communication

Equipped with a long range, license free, robust digital Multi-Input Multi-Output (MIMO) communication link.



Intuitive and easy to use

Asteria's proprietary Mission Control Software (MCS) ensures effortless piloting and advanced flight planning for ISR missions.



Integrated Dual EO-IR Payload

Integrated dual EO-IR payload has the ability to switch between EO (20x optical zoom) and IR (4x digital zoom) video streams in flight.

Technical Specifications

Endurance	120+ mins
Speed	Up to 60 km/hr
Flight Altitude	Up to 1000m AGL
Service Ceiling*	3000m AMSL
Communication Range	Up to 15 km LOS
All Up Weight	<10 kg
Operating Temperature	-20° to + 55°C
Wind Resistance	Up to 40 km/hr

*Variant with 6000m ceiling available.

System Features



Automated operation from take-off to landing.



Point and click user interface.



Fail-safe for low battery, communication loss.



Digital, AES-128 bit encrypted communication link.



Automated motion detection and target tracking.



Three-axis gimble stabilized swappable payload.