ThunderB®
Long Endurance Tactical UAS
With Cargo Release Capability

Cargo Release Capability for Performing Precise, Surgical Missions

The ThunderB™ is an advanced, long endurance, small tactical UAV system that provides extended set of capabilities delivered until today only with much larger tactical UAVs. Due to its long endurance, its extended control range, its covert operation capabilities and with its triple CCD, cooled IR and laser pointer and/or photogrammetric payloads, the ThunderB is a perfect solution for long ISTAR (Intelligence, Surveillance, Target Acquisition and Reconnaissance) missions.

The ThunderB UAV has the ability to carry small cargo units (capsules) under each wing, and release the cargo automatically or by a GCS command. Upon automatic release of the capsule, it will reach the target with high accuracy following a ballistic trajectory. The cargo capsules can also be dropped with the aid of a small parachute to prevent damage to fragile items.

The ThunderB cargo release ability can be used in numerous missions and scenarios requiring cargo delivery such as providing lifesaving measures (communication device, a bottle of water, floating device, etc.) in search and rescue (S&R) missions, dropping of essential material such as drugs in an epidemic situation, scattering small ground intelligence sensors to achieve wide ground coverage, etc.
Operational Missions
- Long endurance and range covert ISTAR
- (Intelligence, Surveillance, Target Acquisition and Reconnaissance) missions
- Border protection
- Force/convoy protection
- Search and rescue
- Security operations
- Law enforcement
- Disaster control and management operations
- Commercial applications
- Pipelines and power lines monitoring
- Mapping on demand photogrammetric solutions

Payloads
- **EO/IR Payloads** various single, dual or triple Gimbaled, Gyro stabilized payloads with various SD/HD/FHD Color and/or Cooled/un-Cooled IR sensors and optional lasers, providing high quality imagery
- **Mapping payloads** various Gimbaled, Gyro stabilized photogrammetric payloads with various Several MP RGB stills cameras, Multi-Spectral cameras and/or Radiometric IR stills cameras for collecting high resolution images for mapping
- **Others**