

AMBER CONDOR

FIXED WING DRONE FOR MILITARY AND CIVIL OPERATIONS

ENDURANCE. VERSATILITY & PRECISION

A state-of-the-art, battery-powered fixed-wing drone, The Amber Condor is built for unmatched endurance and versatility.

Designed to support both military and civil operations, this lightweight UAV is ideal for long-range missions such as pipeline inspections, critical infrastructure monitoring, communication rebro, and surveillance.

Featuring advanced EO/IR camera systems, the Amber Condor ensures reliable performance for both day and night operations, making it a powerful asset in any environment.

MISSION CAPABILITIES

Pipeline Inspection

The Amber Condor excels at monitoring pipelines across remote or difficult-to-access terrain.

Its long-range flight time and high-resolution imaging allow operators to identify potential issues, leaks, or damage with precision, ensuring swift corrective action and reducing downtime.

Critical Infrastructure Monitoring

Monitor power plants, bridges, railways, and other key infrastructure assets with ease. EO/IR cameras provide comprehensive, real-time data to help detect vulnerabilities or unauthorised activity, safeguarding vital infrastructure from potential threats.

Communication Rebro (Relay)

Extend your communication network in challenging or remote environments. The Amber Condor can serve as an aerial communication relay, providing critical connectivity for military operations, disaster response, and civil projects where ground-based communication is unreliable or compromised.

Surveillance & Reconnaissance

The Amber Condor is an ideal platform for long-range surveillance missions, providing real-time intelligence over vast areas. With its EO/IR camera system and extended flight endurance, it can track and monitor targets over extended periods without detection.



WHY CHOOSE THE AMBER CONDOR?

- **Extended Endurance**
4 hours of continuous flight for long-range missions.
- **Lightweight & Portable**
Hand-launched and easy to deploy, even in challenging environments.
- **Dual-Camera Capability**
EO/IR systems for all-day and all-night operations.
- **Versatile Applications**
Equally suited for military reconnaissance, civil infrastructure monitoring, or communication rebro.
- **Rapid Recovery**
Parachute recovery ensures a safe and efficient retrieval process, even in rugged or inaccessible areas.

SPECIFICATIONS AT A GLANCE

Type:	Fixed-wing UAV
Power Source:	Battery-powered
Flight Time:	Up to 4 hours
Launch:	Hand-launched
Recovery:	Parachute recovery system
Payload:	EO/IR cameras for day and night operations
Mission Roles:	Surveillance, pipeline inspection, critical infrastructure monitoring, communication relay
Construction:	Lightweight, field-deployable design for rugged environments



REDEFINING WHAT'S POSSIBLE IN LONG-ENDURANCE UAV OPERATIONS. FLY LONGER, SEE FURTHER, AND OPERATE WITH CONFIDENCE.

Long-Range Endurance

With an exceptional flight time of up to 4 hours, the Amber Condor is built for extended missions that demand endurance and reliability. Whether inspecting pipelines across vast distances or conducting long-range surveillance operations, this drone delivers the staying power needed to complete the job efficiently.

- 4 Hour Flight Time: Maximize coverage with fewer interruptions for recharging or refueling.
- Extended Range: Capable of covering vast areas in a single sortie, minimizing operational costs and downtime.

Lightweight & Hand-Launched

The Amber Condor's lightweight design allows for rapid deployment in the field. Its hand-launched capability means it can be quickly deployed from virtually any location, and its parachute recovery system ensures safe, low-impact landings, even in rugged terrain.

- Portable and Easy to Deploy: No complex equipment is needed, launch by hand and retrieve via parachute for a seamless operation.
- Rugged Reliability: Designed for field operations, it's built to withstand harsh environments while maintaining consistent performance.

EO/IR Cameras for Day & Night Operations

Equipped with Electro-Optical (EO) and Infrared (IR) cameras, the Amber Condor provides clear, real-time imaging for both daytime and nighttime operations. This dual capability makes it an ideal platform for surveillance, infrastructure inspection, and intelligence gathering, no matter the time of day or lighting conditions.

- Day & Night Operations: Advanced camera systems allow for uninterrupted mission capability in low-light or nighttime conditions.
- Multi-Spectral Imaging: The EO/IR system ensures detailed image capture in both visible and infrared spectrums for a wide range of applications.

Applications Across Military and Civil Sectors

The Amber Condor is engineered to meet the needs of diverse industries and operational environments.

Whether you're conducting military reconnaissance, securing critical infrastructure, or enabling emergency communication networks, this drone provides reliable performance in any scenario.

Contact Us for Custom Solutions

The Amber Condor is designed to adapt to your mission needs. Contact us today to learn how the Amber Condor can elevate your operations with unparalleled endurance and versatility.

