

GREEN BIRD SYSTEMS



Gungner

Long Range Stealth Tactical UAS

An Introduction to Gungner

Gungner is designed for long range covert operations, either alone, or as a swarm of up to 50 units. It flies above the reach of ground base anti-aircraft artillery, with an extremely small radar cross section, and a very low IR signature making it hard to get a positive missile lock. This, in addition to the fully autonomous operation and GNSS denied navigation capability makes it a very hard platform to defeat.

When operating as a swarm, the lethality of Gungner teams becomes immense, with the ability to deliver over 1,000kg payload at distances up to 2,000km using a distributed platform and selectable drop patterns.

Technical Specifications

MTOW:	200 kg
Powertrain:	Turbocharged 4-stroke engine
Propulsion:	Ducted fan
Payload Capacity:	36 kg
Range:	2,000 km
Cruise Speed:	200 km/h
Maximum Altitude:	8,000 m
Wing Span:	480 cm
Length:	550 cm
Internal Payload Bay:	Yes
Operates in GNSS Denied Environments:	Yes



Design and Technology Overview

Stealth Technology

Almost Zero IR-signature and patent-pending radar cross section reducing technology, and the ability to operate under complete radio silence without GPS, minimizes probability of detection.

Long-Range Operations

With a range of over 2,000km, Gungner can operate deep behind enemy lines for reconnaissance, surveillance, and offensive missions, providing invaluable strategic advantage.

High Altitude Performance

Capable of operating at an altitude of 8,000m, Gungner can operate out of reach from ground based artillery and far enough away from ground radars to be difficult to detect and intercept.

Payload Capacity

A payload capacity of up to 36kg supports various missions, including surveillance, communication relay, and offensive operations.

Operational Flexibility

Ability to operate in GNSS denied environments ensures uninterrupted functionality crucial for operations in contested airspace.

Swarm Configuration

Capable of swarm operation, Gungner, can work together in semi-autonomous groups for long range missions, either as a forward escort carrying EW payloads or pattern based attacks.

Offensive Operations

Equipped with an optional smart munition payload, Gungner executes offensive strikes with minimal risk to friendly forces.





Use Cases

Reconnaissance and Surveillance

Conducting aerial reconnaissance and surveillance missions to gather intelligence, monitor enemy movements, and assess strategic assets.

Target Acquisition

Identifying and designating targets for precision strikes, enabling effective engagement of enemy assets with minimal collateral damage.

Force Protection

Providing overwatch and security for ground forces, detecting and neutralizing threats before they pose a danger to friendly units.

Special Operations Support

Supporting special operations forces with aerial reconnaissance, surveillance, and offensive capabilities in various environments.

Strategic Strike

Conduct precision strikes on high-value targets, disrupting enemy operations, and degrading their capabilities with surgical precision.