

LOITERING MUNITIONS

(10-70km Strike Range)



2kg

Payload Capability



40 min

Endurance



70km

Flight Distance



144km/h

Maximum Flight Speed



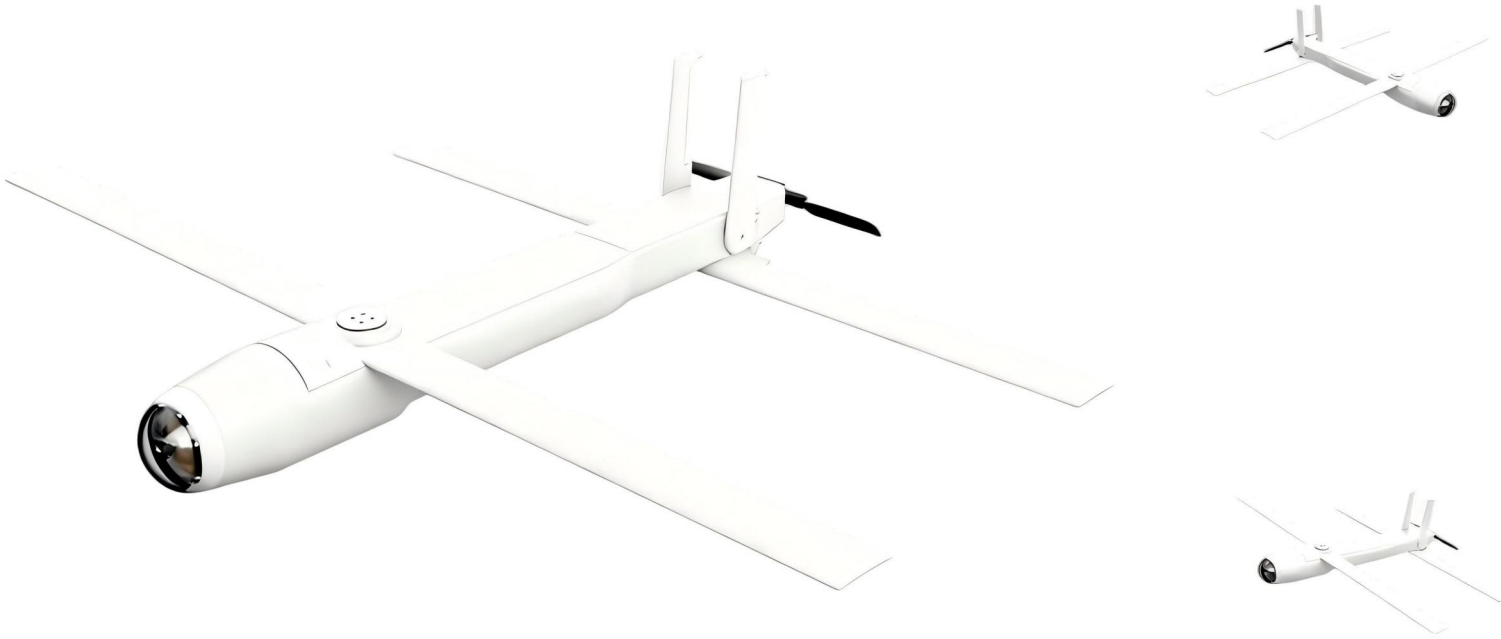
CEP≤1m

Attack Accuracy



5,000m

Takeoff Elevation



PHANTOM RAZOR 100

Wingspan/Fuselage Length: 1.2m/0.82m	Folded Dimensions: 0.11 x 0.82m
Empty Weight: 3.5kg	Max Payload: 2kg
Endurance: 40min	Product Mix: Tandem Wing
Loitering Speed: 108km/h	Top Speed: 144km/h
Takeoff Elevation: 5,000m	Attack Accuracy: CEP≤1m



Tube Shooting
Pneumatic Launch

Single-person
operation



Multi-Mode War-
head Detonation

Impact/Proximity/
Delay



Persistent
Reconnaissance

Ai powered
targeting

Phantom Razor 100 – Redefining Loitering Munition Dominance

The Phantom Razor 100 is a next-generation, folding-wing loitering munition system engineered for precision strikes, unmatched lethality, and tactical agility. Combining cutting-edge technology with a modular design, it sets new benchmarks in combat efficiency, autonomy, and scalability.

Core Advantages

***Unrivaed Warhead-to-Weight Ratio:** Weighing just 5.5 kg at takeoff, the Phantom Razor 100 carries a 2 kg high-explosive warhead—achieving the highest payload-to-takeoff weight ratio in its class. This lightweight yet lethal configuration ensures maxim um damage output while maintaining portability for single-operator deployment.

***Global-Leading Anti-Jamming Navigation:** Equipped with a vision-based navigatio n system fused with MEMS inertial guidance, the drone operates flawlessly in GPS-denied environments. Its AI-driven autonomous targeting system executes precision strikes without reliance on satellite signals, making it impervious to electronic warfare.

***Robust 50 km Anti-Jam Data Link:** Featuring an anti-jamming mesh network, the drone ensures real-time video transmission and enables manual-in-the-loop control within a 50 km range, providing precise oversight and command continuity in high-electromagnetic-interference environments.

***Advanced Dual-Light Targeting Pod:** The integrated AI-powered dual-light targeting pod combines 1 km infrared (IR) detection and 1.5 km visible-light imaging capabiliti es. It can identify targets as small as 2.3m x 3.5m at range, enabling precision strikes with pinpoint accuracy day or night.

***Extended Endurance & Range:** With 35 minutes of flight time and a 50 km operation al range at a 108 km/h loitering speed, it outperforms many systems in its class. Its 2 kg payload capacity enables multi-role missions, making it effective against armored vehicles and tanks. With greater payload capacity, extended striking range, faster penetration speed, and superior anti-jamming technology, it perfectly fills a worldwide gap in the 10-50 km range for loitering munitions.

Applications

***Precision Strike:** Neutralize high-value targets such as armored vehicles and tanks.

***Scouting & Surveillance:** Prolonged loitering for battlefield reconnaissance and situ ational awareness.



Autonomous
Operation &
Launch
Versatility

(Manual & Catapult)



Multiple launch methods and can operate independently without an RC remote, enabling single-person control throughout the mission.

Advanced Target
Detection & AI
Recognition

Equipped with AI-based
tracking



The system can recognize targets up to 400m away and detect them using infrared thermal imaging at a range of 1,600m for pre-cise strikes. Attack Accuracy is CEP<1m.