

KAiDEN by .NEARTHLAB

Intercepting Threats in a Flash

A high-speed counter-UAS drone engineered to ward off Group 1 & 2 threats

Rapid, Decisive Drone Neutralization

Delivers swift, decisive kinetic strikes to effectively neutralize drones and their payloads.

AI-powered Precision Targeting

Employs precision-guided autonomous flight with AI-driven target recognition, providing real-time FPV (First-person View) feedback and accurate drone elimination, enabling effective neutralization of aerial and ground threats.

Versatile Threat Response

Features dual-mode capability for both kinetic and explosive strikes, adaptable to single drones or swarm formations, ensuring superior performance across various military operations.



.NEARTHLAB

📍 3th floor, 9, Jeongui-ro 8-gil, Songpa-gu, Seoul, Korea
🌐 Republic of Korea | United States | Germany | Finland
✉ business@nearthlab.com



website



linkedin

Product Specification

Kinetic Interceptor

: Master Missions at Speeds up to **350 km/h**

Designed with cutting-edge battery and rotor technology for rapid, high-speed maneuvers, KAiDEN reaches speeds of up to 350 km/h with a lightweight build, ensuring superior agility. It also supports an additional 1 kg of explosives for precise mid-air detonations. Experience unparalleled performance and precision with KAiDEN.

Autonomous Flight and FPV Mode

: Ensure Seamless Protection for both **Aerial & Ground Safety**

Leveraging advanced guidance algorithms, KAiDEN calculates exact interception trajectories from target flight path analysis for pinpoint accuracy. KAiDEN supports both autonomous flight and FPV (First-person View) modes, allowing precise strikes on aerial and ground targets.



	Class-1	Class-2
Dimension	230 x 230 x 322 mm	320 x 320 x 500 mm
Weight	2 kg	5 kg
Max. Takeoff Weight / Payload	3 kg / 1 kg	6.5 kg / 1.5 kg
Max. Horizontal Speed	250 km/h	350 km/h
Max. Horizontal Range	5 km	
Operational Ceiling	1 km	3 km
Operating Time	Max. 10 minutes	
Operational Temp. Range	-10°C to 40°C	-20°C to 45°C

* Class-1 and Class-2 are classified according to payload capacity and operational range.

