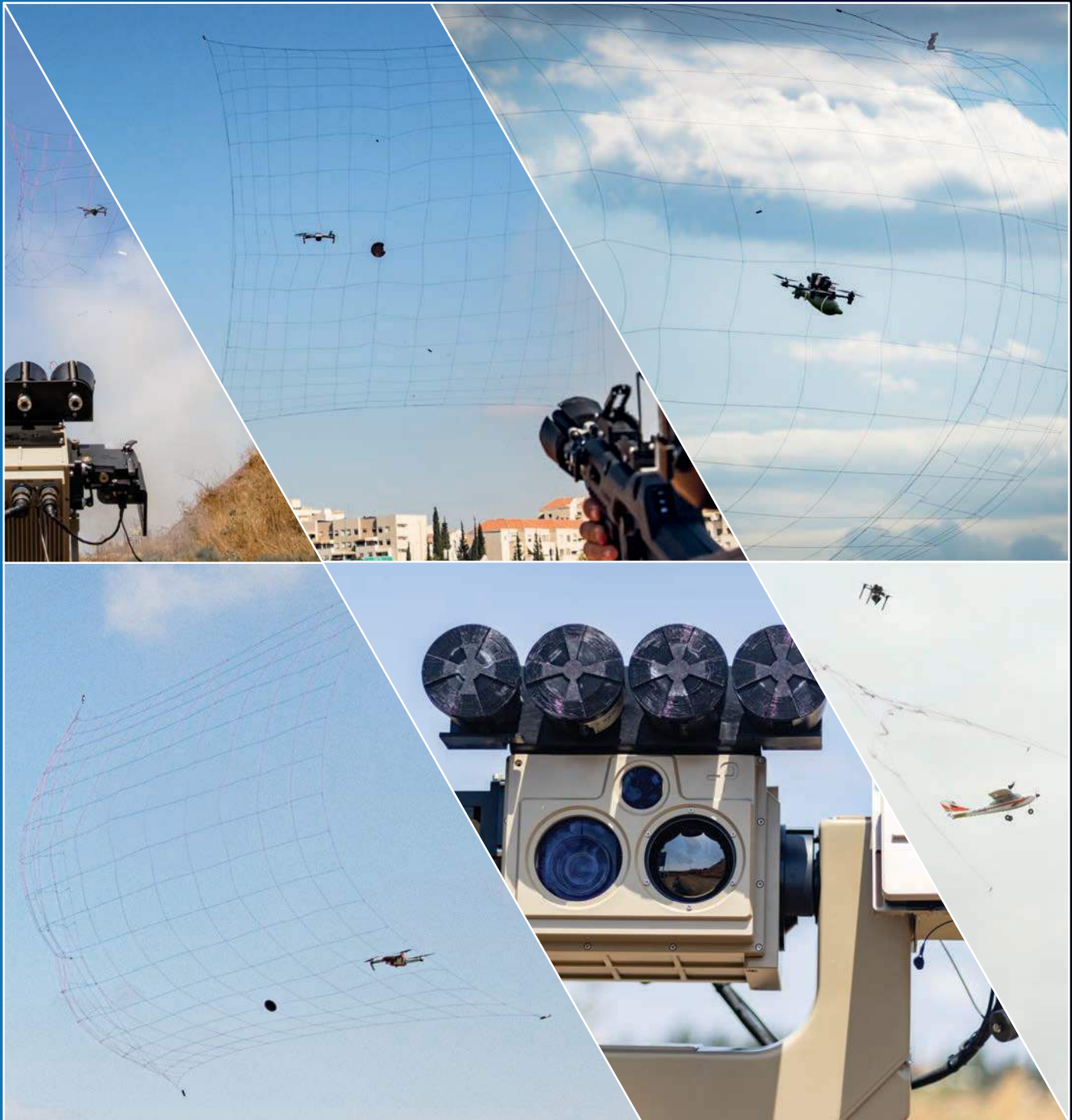


DefendAir by ParaZero

Where The Threat Ends, Victory Begins

DEFENDAIR
by ParaZero Technologies

Multi-Layered, Net-Based,
Non-Explosive Anti-Drone Solution



ParaZero Technologies Ltd.

ParaZero is a pioneering defense technology company and the global leader in **net-based counter-UAS interception**, defining a new standard for controlled drone mitigation. Designed to neutralize incoming attack drones without explosives, ParaZero's **DEFEND^{AIR} systems deliver fast, precise, and operationally safe interception capabilities** for military and security forces. Deployed as the **final layer of defense**, these solutions protect personnel, critical infrastructure, and sensitive sites from the rapidly evolving drone threat.

The Threat

Modern warfare has expanded from a two-dimensional battlefield to a fully **three-dimensional operational space**. Small, fast, and increasingly autonomous drones can approach from multiple directions, operate with minimal signatures, and strike targets with little warning. From low-cost FPV attack drones to coordinated swarm threats, these systems now challenge traditional defense architectures. A drone costing only a few hundred dollars can threaten **multi-million-dollar assets and personnel**, creating a severe **cost and response asymmetry**.

This new reality requires **layered counter-UAS defenses** capable of detecting, tracking, and intercepting threats across multiple engagement ranges. **This is exactly where DefendAir operates.**



▲ Hand-Held Net Launcher

DefendAir By ParaZero

DEFEND^{AIR} is the standard for layered counter-UAS interception, designed to neutralize hostile drones across multiple engagement ranges. Using ParaZero's patented **net-based interception technology**, DefendAir provides a controlled, non-explosive method for intercepting aerial threats while minimizing collateral damage.

Designed for military, security, and critical infrastructure protection, the system delivers a **scalable and operationally flexible solution** capable of defending personnel, sensitive sites, and strategic assets against the rapidly evolving drone threat:

- **Long Range — Autonomous Interception Drone:** Detection, tracking and Interception Drone equipped with ParaZero net pod onboard.
- **Medium Range — Perimeter Protection:** 360° system including radar and optical sensors for perimeter and assets protection.
- **Personal Protection — Portable Net Launcher** The ultimate last line of defense, personal protection for infantry soldiers, VIPs and etc.

DefendAir Benefits

- **Non-Explosive Interception:** neutralizes hostile drones without fragmentation or collateral damage, enabling safe operation in **urban and sensitive environments**.
- **Effective in RF-Denied Environments:** capable of intercepting drones operating without RF signals, including **fiber-optic-guided threats**.
- **Lowest Cost per Interception:** **DEFEND^{AIR} sets the industry benchmark for interception cost**, delivering the most efficient and scalable response to low-cost drone threats.
- **Layered Counter-UAS Defense:** **DEFEND^{AIR} delivers a 360° interception architecture**, engaging hostile drones across multiple layers: **interceptor drones for long-range threats, perimeter defense systems for mid-range protection, and portable launchers for close-range interception and personal defense.**

	Interception Drone	Perimeter Protection	Portable Net Launcher
			
Range	Approx. 5 km depending on the drone range	100–500 m	15-30 m
Operation	Autonomous, radar based + optical sensors and fire control computer	Autonomous, radar based + optical sensors and fire control computer	Manual possible add-on - optic sight
Possible integration	Radar, C2, RF Systems	Radar, C2, RF Systems	Armed forces and security personnel