



ParaZero C-UAS Technology with Low Risk of Collateral Damage

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ParaZero Technologies has received its first order for **DefendAir** from a “major Israeli defense entity,” with a supply that includes **multiple system sets** and **integration and training services** for rapid deployment. The acquisition is part of the company's broader effort to strengthen capabilities against a growing threat: **drones**, increasingly present in recent conflicts and considered a direct risk to **ground forces** and related operations.

A “Net” Anti-UAS System to Reduce Collateral Damage

In presenting the technology, ParaZero frames the issue as a transformation that has occurred “over the last two decades”: drones, originally developed as civilian tools for filming, agricultural monitoring, deliveries, and entertainment, have become—thanks to **low cost, ease of use, modularity, and remote control**—also attractive tools for hostile actors. In this scenario, the company emphasizes how the battlefield is no longer just “two-dimensional” (land and armored vehicles), but now **three-dimensional**, with threats that are **small, fast, almost**

silent, and multidirectional, capable of scaling from individual FPVs to large **swarms** and quickly exploiting target vulnerabilities. ParaZero also highlights the economic asymmetry: low-cost systems can pressure much more expensive assets and infrastructures, increasing the demand for “scalable” countermeasures.

DefendAir is a drone countermeasure technology that uses **a net** to **capture and neutralize** hostile unmanned aircraft, with the stated goal of limiting **collateral damage** compared to traditional kinetic approaches. The system is designed for short-range interceptions and scenarios where neutralization must occur in a controlled manner.

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This is where **DefendAir** fits in, described by the company as a **multi-layer C-UAS** “soft-hard kill” system that employs a **patented net launcher** to intercept hostile drones. The distinctive point, in the manufacturer's narrative, is the ability to operate in a **non-explosive** manner, with **minimal collateral damage** and thus more suitable for **urban environments** or contexts where neutralization must be controlled. The operational architecture, according to ParaZero, is designed to **integrate already available technologies** with users—such as **detection sensors, command and control (C2), and RF systems**—to serve as an additional layer (“complementary”) to existing defenses.

In terms of deployment, the company positions DefendAir as a “complete” solution for the protection of **military bases, critical infrastructures, government buildings, VIP protection**, and also for use in support of **infantry units**. The stated benefits include a **multi-layer response** against drones of different sizes and from multiple directions and distances, the ability to remain effective even in **RF-denied environments** (where radio frequency-based countermeasures are less reliable) and against drones **guided via fiber optics**, as well as a **low cost per interception**—an element considered crucial for addressing high volumes of threats.

DefendAir can be deployed in multiple configurations:

- via **interceptor drone**;
- with **fixed turret**;

- with **portable “gun” type device**.

The company indicates an **effective range between 2 and 100 meters**, depending on the configuration, and a **net** with dimensions ranging from **9 to 100 m²**. The system can be completed with optional modules such as **radar, command and control relays**, and **radio frequency systems**, to adapt to user requirements and increase effectiveness.

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DefendAir Clients and Demonstrations

From the **open sources** available, the publicly identifiable “clients” of DefendAir remain largely **unnamed**: ParaZero, as often happens in the defense sector, communicates orders by describing the buyer in a generic way without revealing their identity.

Specifically, the company indicates (1) a **“main Israeli defense entity”** as the recipient of the first DefendAir contract announced in early January 2026, but without specifying which entity it is; (2) a **“Tier 1 global defense corporation”** that issued a “significant” order in October 2025, again unnamed; and (3) a **“prestigious defense organization”** mentioned in an August 2025 order, also unidentified.

Alongside the end clients, elements about the **European commercial channel** also emerge: an order from a **“Dutch distributor”** (described as one of the main integrators in Europe) to purchase and redistribute multiple systems through a network on the continent, and a subsequent agreement with a **“leading Western European Distributor”** with **exclusive distribution rights** in various NATO countries in Western Europe, without disclosing the partner's business name.

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Finally, some communications concern **demonstrations** – which do not automatically equate to contracts – including a demo for about **40 NATO officers** in Europe organized with the distributor, and a presentation aimed at the leadership of the **German Länder police** at an event organized by **SIBAT/Israeli Ministry of Defense** at a demonstration facility, indicated

as a path towards possible future adoptions but not as a procurement already signed.

In a context where inexpensive and easily accessible drones are changing dynamics on the field, contracts like this signal the race for **modular** and **rapidly deployable** solutions. For ParaZero, it is primarily a significant “first”: **a commercial debut for DefendAir** with a high-profile user, potentially paving the way for further integrations and orders.

News link: <https://parazero.com/>