



DefendAir Personal Anti-Drone Net Launcher

Your Portable Last Line of Defense
Against Hostile Drones

 **DEFENDAIR**
by ParaZero Technologies

parazero.com

DefendAir Portable Net Launcher Anti-Drone (C-UAS) Solution



ParaZero Technologies Ltd. History of Innovation

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. A non-explosive solution designed to neutralize incoming attack drones, ParaZero's **DEFENDAIR 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 Challenge

Attack drones have become one of the most immediate threats on the modern battlefield. FPV drones, fiber-optic guided systems, and RF-silent platforms can bypass traditional air defense layers and threaten personnel, vehicles, and critical infrastructure at extremely short range.

Conventional counter-UAS systems are often not designed to operate safely or effectively in these close-range scenarios, particularly in dense or sensitive environments. As a result, forces on the ground require a **controlled and reliable interception capability at the final line of defense—where threats must be stopped immediately before impact.**

The DEFENDAIR Advantage

Where the threat ends, victory begins.

DEFENDAIR provides a fast, controlled, and operationally safe solution for close-range drone interception. Using ParaZero's advanced **net-based interception technology**, the system neutralizes hostile drones without explosives or fragmentation, making it safe to deploy around personnel, critical infrastructure, and sensitive environments.

Lightweight, portable, and ready for immediate deployment, DEFENDAIR enables military and security forces to intercept aerial threats in seconds. Designed for frontline use, it delivers a **reliable final-layer interception capability** exactly where threats must be stopped—just before impact.

Technical Specifications

General Description

- **Efficient against multi-rotor threats including** fast incoming attack FPV drones and large utility drones (Such as DJI FlyCart)

Mechanical Specs

- **Dimensions:** L: 75 cm | H: 19.5 cm | W: 9 cm
- **Net Gun Total System Weight:** 1.7 kg
- **Net-Pod Weight:** 0.4 kg

Performance

- **Net Size and hole gap configured according to the threat** (Attack FPV and larger threats)
- **Net Deployment Range:** 15-30 m
- **Reload Time:** Under 2 seconds
- **Net Deployment Speed:** Fully deployed in 1 second

Environment & Operation

- **Operating Temp:** -20°C to 60°C
- **Weather Resistance:** +IP55

Safety

- **Fail-safe:** Integrated safety switch
- **Non-explosive:** Automotive components comply with urban engagement protocols
- **Battery:** 20 straight hours of operation (from turning on)
- **Net Fire Resistance:** from 150 °C to 450 °C (subject to net type)

