

DefendAir Long-Range Airborne Interception

Where The Threat Ends, Victory Begins.
Autonomous, Drone-Mounted Net C-UAS 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.**

Taking the Fight to the Threat Airborne DefendAir: Intercept Earlier. Defend Farther.

Drone-based interception adds a proactive airborne layer to counter-UAS defense, enabling threats to be engaged earlier, farther, and with greater operational flexibility. Equipped with ParaZero's non-explosive, net-based interception technology, XTEND's Scorpio 1000 expands the engagement range, increases response flexibility, and delivers precise in-air interception against fast and maneuvering threats. Designed for military, security, and critical infrastructure protection, DefendAir integrated on XTEND's Drone enhances layered counter-UAS defense while minimizing collateral damage — **bringing the fight to the threat, eliminating it far away from the asset.**

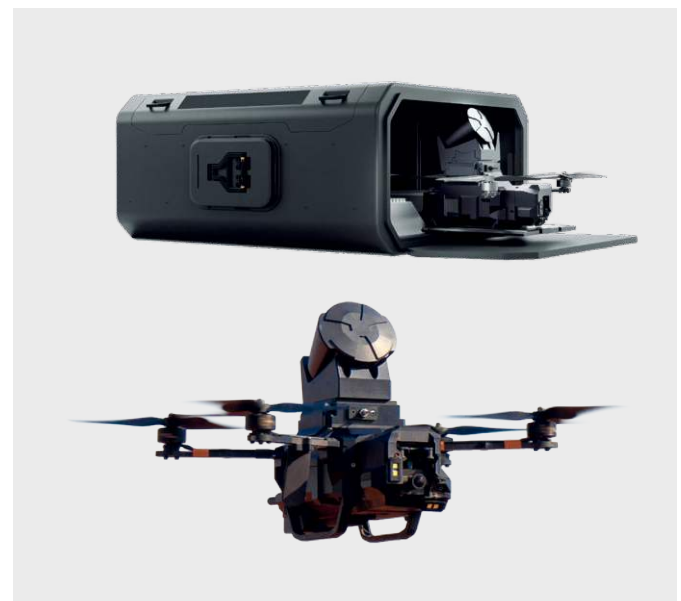
Technical specification

Net-Pod Specs

- Non-Explosive launching mechanism
- **Efficient against multi-rotor threats including** fast incoming attack FPV drones and large utility drones (Such as DJI FlyCart)
- **Net Size and hole gap configured according to the threat** (Attack FPV and larger threats)
- Net-Pod Weight: **0.4kg**

XTEND Scorpio 1000 Specs

- GNSS-denied operation capability
- Mesh communication enabling robust and extended connectivity
- One-to-many operation – a single operator can control multiple platforms simultaneously
- **Frame Size:** 14.5 × 12 × 5.8 in
- **Rotor Diameter:** 10 in
- **Weight:** 2.3 kg (~5 lbs) without payload
- **Max Speed:** 70 kph (~44 mph)
- **Flight Time:** 20 min without payload / 10 min with payload
- **Gust Endurance:** 25 knots
- **Max Payload Weight:** 1 kg (2.2 lbs)
- **Interchangeable Payload:** Generic ICD and rail
- **Camera Gimbal:** +45° to -45°
- **Range:** 6 km (~3.7 mile LOS)
- **Encryption:** 256 AES
- **Communication Module:** DTC 1.980–2.7 GHz



▲ XTEND's Scorpio 1000 with DefendAir Net Pod, Autonomous Long Range CUAS Solution in a Box