



# DefendAir Personal CUAS Rifle

Your Portable Last Line of Defense  
Against Hostile Drones

# DefendAir

## Personal Net Gun

### Soft/Hard Kill

### CUAS Solution



#### ParaZero Technologies Ltd. History of Innovation

ParaZero was established over a decade ago by aviators and military veterans with a mission to keep the skies safe. After years of saving numerous unmanned and manned aerial systems, ParaZero applied its revolutionary patent-protected technology in order to lead the battle against hostile drones. ParaZero brings its expertise to the frontlines of drone threat mitigation with tactical, field-proven C-UAS (Counter Unmanned Aerial Systems) technology.

#### The Challenge

The growing availability of small drones including fiber optic guided, FPVs and **non** RF transmitting UAS, introduced a critical vulnerability for security forces and military units.

As shown during recent modern conflicts around the world, small drones can easily bypass traditional defenses, posing immediate threats to ground forces, VIPs and critical infrastructures such as power plants, dams and government buildings.

Units on the ground need a lightweight, rapid-response tool to intercept and neutralize aerial threats **before** they cause harm, at short distance as a last resort.

#### The DEFENDAIR Advantage

The DEFENDAIR Personal Net Gun is an innovative, soldier-portable solution engineered for frontline use. Without explosives, fast response time and light weight unmatched mobility, it provides tactical teams with the ultimate non-lethal, effective response to hostile drones.

##### Key Benefits:

- **Portability:** Weighing just 2.1 kg, the system is vest-compatible and mission-ready.
- **Safety First:** Operates with no explosives- ideal for urban, civilian and densely populated environments
- **Simplicity:** Quick deployment in seconds with intuitive use.
- **Customizable:** Net size and material adaptable to mission needs.
- **Environment-Ready:** Operational across harsh weather and terrain conditions.

#### Technical Specifications

##### General Description

- Effectively tested against Multi rotor threats including small quadcopters and FPV drones

##### Mechanical Specs

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

##### Performance

- **Net Size:** 5x5 meters (customizable)
- **Hole Size:** 25 cm
- **Effective Range:** 20–50 meters
- **Ready-to-Launch Time:** Less than 3 seconds
- **Net Deployment Speed:** Full spread in 1 second
- **Net Area Coverage:** 25 m<sup>2</sup>
- **Net Material:** Nylon, Dyneema, or custom

##### Environment & Operation

- **Operating Temp:** -20°C to 60°C
- **Weather Resistance:** Rain and dust protected
- **Storage:** Standard humidity and temperature control

##### Safety

- **Fail-safe:** Integrated safety switch
- **Non-explosive:** Automotive components Complies with urban engagement protocols

