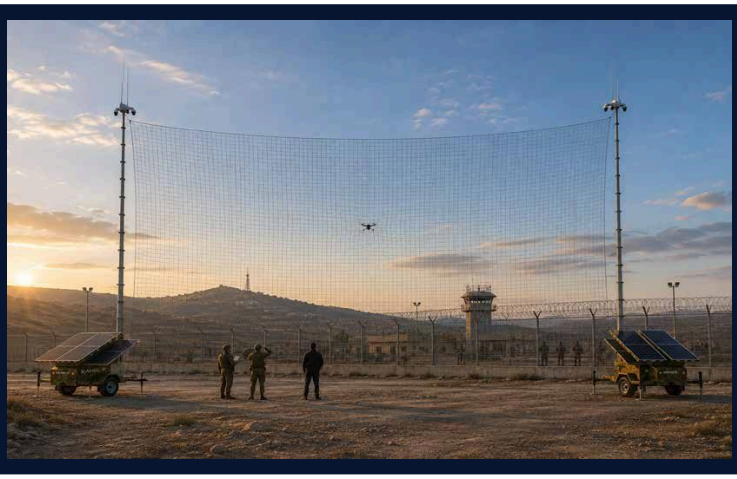
COUNTER-DRONE & ROBOTICS · D-FENCE CONCEPT · PHYSICAL DRONE BARRIER

D-Fence Anti-Drone Net

L1 Layer · Airspace

A strong transparent net raised between two autonomous solar trailers: a physical barrier against hostile drones, deployed without permanent infrastructure.



KEY BENEFITS

01 **No permanent infrastructure**
Bring in two trailers, raise the masts, and the net is up.

02 **A physical barrier**
A strong net above or beside the site, not only a warning.

03 **Independent 24/7**
Solar trailers with AI cameras, remote monitoring and remote control.

HOW IT WORKS

01 **Position**
Tow the two solar trailers to either side of the area to protect.

02 **Raise**
Remote-controlled telescopic masts lift the net to up to 12–15 m.

03 **Block**
The net covers the site horizontally, or its exposed side vertically.

SPECIFICATIONS

Configuration	2 autonomous solar trailers
Mast height	Telescopic, up to 12–15 m
Mast lifting	Remote-controlled
Net	Strong, transparent anti-drone net
Deployment	Horizontal or vertical, according to operational needs
Detection	AI cameras and alerts
Control	Remote monitoring and control
Use	Temporary or permanent protection; no permanent infrastructure
Applications	Military bases, sensitive facilities, events, borders

04 **Monitor**
AI cameras on the masts alert the team; everything is watched and controlled remotely.

TENDER SPECIFICATION TEXT

1. GENERAL

The system shall be D-Fence Anti-Drone Net by D-FENCE Electronic Fencing and Security Systems Ltd. (ISO 9001:2015 certified quality management), or an approved equivalent that meets every requirement in this section.

2. FUNCTION

A strong transparent net raised between two autonomous solar trailers: a physical barrier against hostile drones, deployed without permanent infrastructure.

3. THE SYSTEM SHALL PROVIDE

- **2 autonomous solar trailers:** Each carries a telescopic mast and runs on solar power.
- **Masts up to 12–15 m:** Telescopic, raised by remote control.
- **Strong transparent net:** A physical barrier against drones.
- **Horizontal or vertical:** Deployed according to operational needs.
- **AI cameras and alerts:** Cameras on the masts detect and alert.
- **Remote monitoring & control:** Operated and watched from a distance.
- **Quick relocation:** Moves with the operation; modular and expandable.

4. TECHNICAL REQUIREMENTS

- **Configuration:** 2 autonomous solar trailers
- **Mast height:** Telescopic, up to 12–15 m
- **Mast lifting:** Remote-controlled
- **Net:** Strong, transparent anti-drone net
- **Deployment:** Horizontal or vertical, according to operational needs
- **Detection:** AI cameras and alerts
- **Control:** Remote monitoring and control
- **Use:** Temporary or permanent protection; no permanent infrastructure
- **Applications:** Military bases, sensitive facilities, events, borders

5. DETECTION SEQUENCE

1. **Position:** Tow the two solar trailers to either side of the area to protect.
2. **Raise:** Remote-controlled telescopic masts lift the net to up to 12–15 m.
3. **Block:** The net covers the site horizontally, or its exposed side vertically.
4. **Monitor:** AI cameras on the masts alert the team; everything is watched and controlled remotely.

6. SUBMITTALS

Before installation, the contractor shall submit the manufacturer's datasheet, the installation instructions and the zone layout for approval.