



MYDEFENCE

Counter Drone Technology





MyDefence Numbers

103

Employees Worldwide

5

Offices in Denmark,
Ukraine, UK and the U.S.

ISO 9001:2015

Certified Company

+100

Customers - World Wide

+5000

Products Deployed – Worldwide

1

NSPA Frame Agreement

1

Clearance Nato: Secret

#1

Wearable C-UAS Equipment

4

Years of Doubling
Revenue





Customers & Partners

| | | | | | |
|--|---|---|---|--|---|
|  |  |  |  |  |  KONGSBERG |
|  Home Office |  HM Prison & Probation Service |  International Golden Group |  KRIMINAL FORSORGEN |  FORSVARET |  FMV |
|  |  |  |  |  |  BUNDESWEHR |
|  |  |  |  |  |  |



The Growing UAS Threat

- ❏ Drones are now a major threat in modern warfare.
- ❏ They are used for surveillance, targeting, and kamikaze attacks.
- ❏ Both state and non-state actors utilize drones for asymmetric warfare.





Why Counter-UAS is Critical

- ❏ Traditional air defenses are not designed for small, fast, and low-flying drones.
- ❏ Cheap drones can cause significant damage to expensive military assets.
- ❏ Counter-UAS technology is now a battlefield necessity.

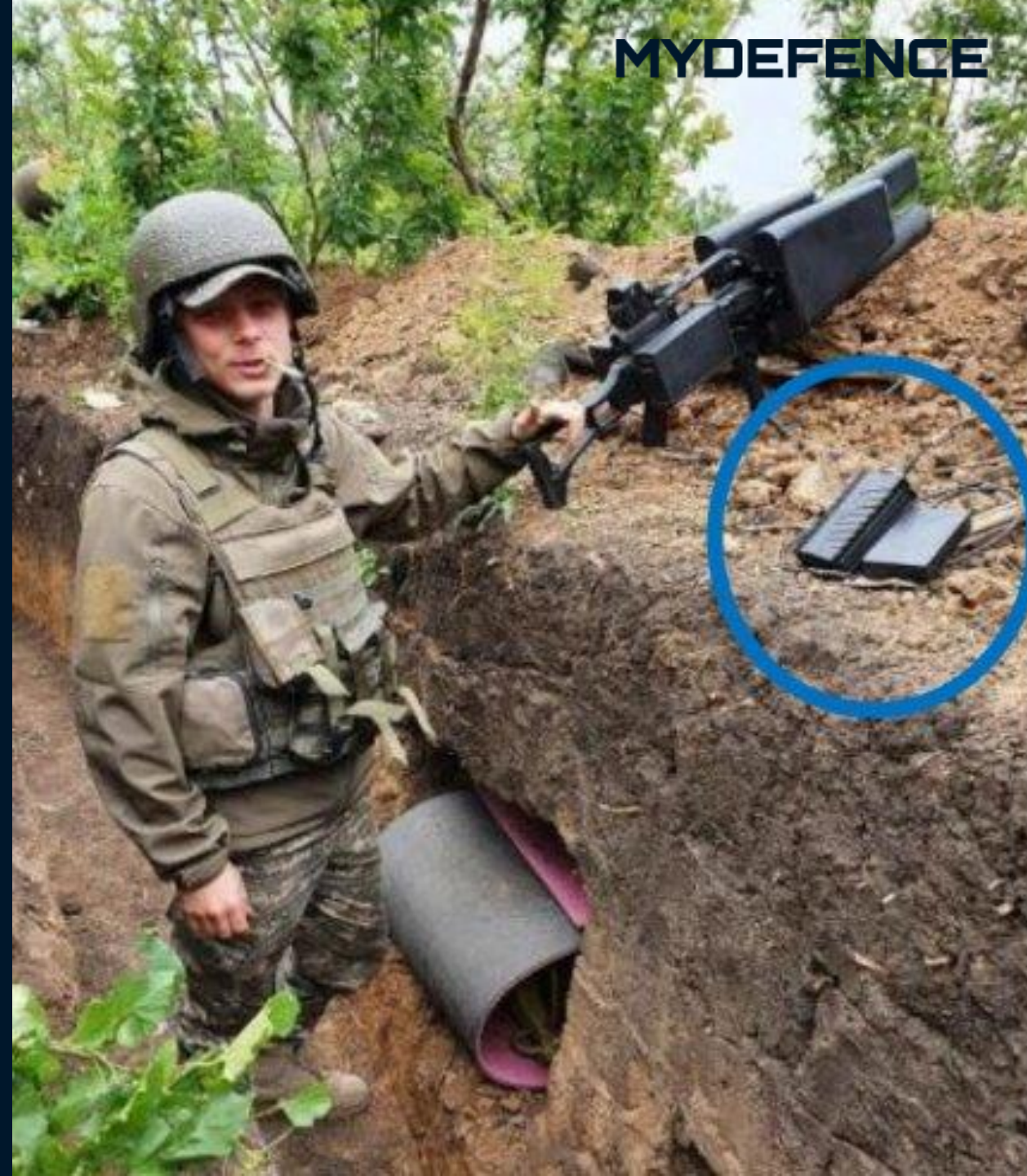




Lessons from the Frontline in Ukraine

Tactical Shifts & Adaptation

- ❏ Beyond reconnaissance and direct attacks, drones are reshaping psychological and tactical warfare.
- ❏ Adversaries exploit commercial drone networks to disrupt logistics, jam communications, and manipulate battlefield intelligence by intercepting and distorting real-time data transmissions, creating confusion and misinformation among forces.
- ❏ The battlefield is no longer just about firepower; it is about controlling the unseen spectrum of electronic warfare.
- ❏ Supply Chain Warfare: Drones are increasingly used to target logistics rather than frontline forces, disrupting supply routes and medical evacuations.
- ❏ The effectiveness of counter-drone methods is now measured by time-to-neutralization rather than just detection rates.





Our Mission is to Save Lives

Since 2013, MyDefence has been a global leader in soldier-borne Counter-Unmanned Aerial Systems (C-UAS), driven by a soldier-first ethos and a focus on innovation.

Our mission began with the need to counter wireless-controlled threats like IEDs and UAS, inspiring us to develop advanced detection and jamming technologies. Our solutions are designed to enhance operational effectiveness and safety in military and high-security environments.

Through close collaboration with end-users, we deliver next-generation drone detection and jamming solutions, staying ahead of emerging threats to protect those who protect us.





Unique Strengths

❏ **Mission-Driven Innovation**

At MyDefence, we are dedicated to saving lives by developing tomorrow's, soldier-first Counter-UAS technologies that proactively address evolving threats and the soldier's needs.

❏ **Unmatched Expertise in Counter-UAS Solutions**

With over a decade of experience, we specialize in wearable, mobile, and fixed solutions designed for seamless integration and operational excellence.

❏ **Combat-Proven Reliability**

Our solutions have been deployed in over 5000 real-world scenarios, earning the trust of military and security professionals globally.

❏ **Global Footprint with Local Impact**

Operating from Denmark, Ukraine, and the U.S., MyDefence supports diverse operational needs in a variety of environments, from extreme climates to high-security zones.





Sectors Overview



Airports



Border Control



Corporate



Corrections



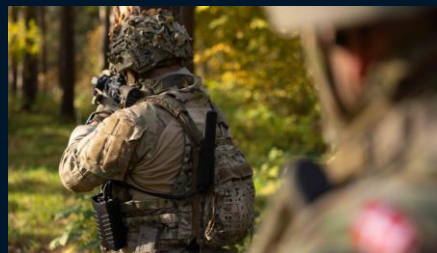
Government



Critical Infrastructure



Law Enforcement



Military



Public Safety



Solutions Overview



Wearable Solutions

Soldier Borne C-UAS Protection



Vehicle Solutions

Protect On-The-Move Missions



Perimeter Solutions

Secure Your Site with C-UAS Kits



The Soldier Kit

Our combat-proven wearable counter-UAS system equips soldiers with a complete set of tools needed to counter the evolving drone threat. Designed specifically for military and special operations forces, this comprehensive solution delivers exceptional detection and jamming capabilities tailored to the demands of the modern soldier.

- Quickly find and track radio frequency signals.
- The detector seamlessly coordinates with the jammer, automatically signaling when action is needed, allowing you to stay focused on the mission.
- Share sensor data and stay updated using ATAK for situational awareness.
- Packs high performance into two devices weighing just 2.5 kg (5.5 lbs) in total weight, keeping you mobile and agile.



Wingman
(Detector)



Pitbull
(Jammer)



ATAK



Wideband
Antenna



Cables



Drone Detection

Wingman is a compact, reliable drone detector that scans for control and video signals, detecting threats early. With autonomous operation and internal directional antennas, it offers robust detection. Alerts through sound, vibration, and LED ensure immediate awareness. Lightweight, rugged, and easy to use, it's ideal for soldiers and security personnel.

- Quickly find and track radio frequency signals.
- The detector seamlessly coordinates with the jammer, automatically signaling when action is needed, allowing you to stay focused on the mission.
- Share sensor data and stay updated using ATAK for situational awareness.
- Packs high performance into a device weighing just 0.84 kg (1.85 lbs), keeping you mobile and agile.



Wingman
(Detector)



ATAK



Wideband
Antenna



Cables



Drone Jamming

Pitbull is a compact and effective drone jammer designed to neutralize threats swiftly. It integrates seamlessly with the Wingman drone detector for autonomous or manual jamming. Lightweight and rugged, it can be easily carried on tactical gear or a vest. The jammer alerts operators to unauthorized drone activity and disrupts signals instantly. Continuous software updates keep Pitbull optimized for evolving threats.

- ❏ Auto jamming capability – allowing you to stay focused on the mission.
- ❏ Disrupt unauthorized drones from up to 1000 meters away.
- ❏ Packs high performance into a device weighing just 1.3 kg / 2.87 lbs, keeping you mobile and agile.



Pitbull
(Jammer)



Cables



Vehicle Solutions



Light Vehicle Kit Ridgeback

Our Light Vehicle System, Ridgeback, offers a cost-effective and adaptable counter-UAS solution for vehicles with light or no armor. It is designed for flexible integration on a variety of platforms, including LAVs, VIP vehicles, police cars, and civilian vehicles. By combining MyDefence's wearable RF detector Wingman with ATAK and AA101 Sharkfin antenna featuring magnetic mounts, the Ridgeback delivers reliable drone detection and enhanced situational awareness in dynamic environments.



- RF detection
- Fast to Deploy – Easy to Use
- Cost-Effective



Wingman
(Detector)



Sharkfin
Antenna



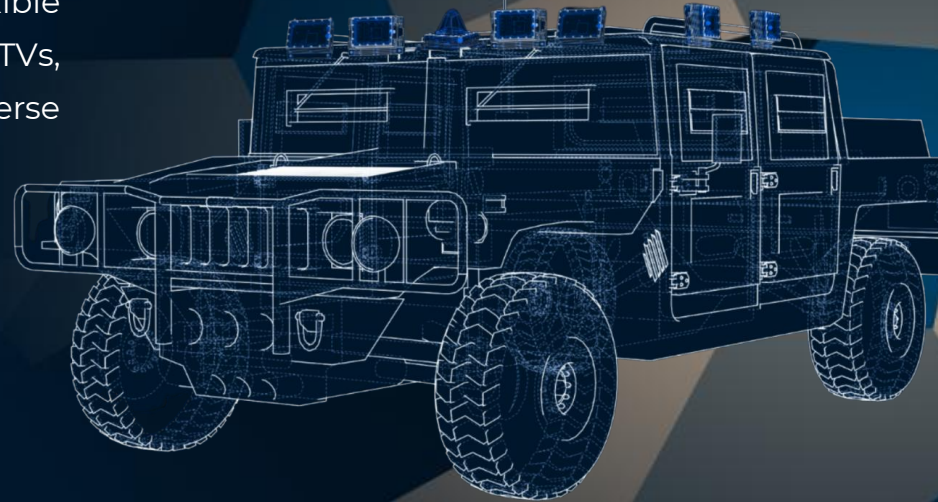
ATAK



Flexible Integration

The Quick-Mounted, Semi-Integrated system is a versatile vehicle-mounted counter-UAS solution, providing integrated RF detection and jamming capabilities to meet a wide range of operational requirements. It is designed for flexible integration on military vehicles, including APCs, IFVs, ATVs, and LAVs, ensuring reliable protection across diverse platforms.

- ❏ RF detection and jamming
- ❏ Integration with Battle Management Systems
- ❏ Integrated into the vehicle's chassis for optimal performance
- ❏ Integrated GPS and compass for independent localization. Option for using host vehicle's location data.



Watchdog
150/250



Dobermann
151



C2



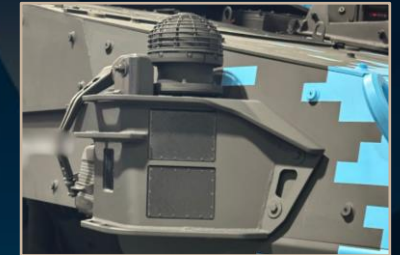
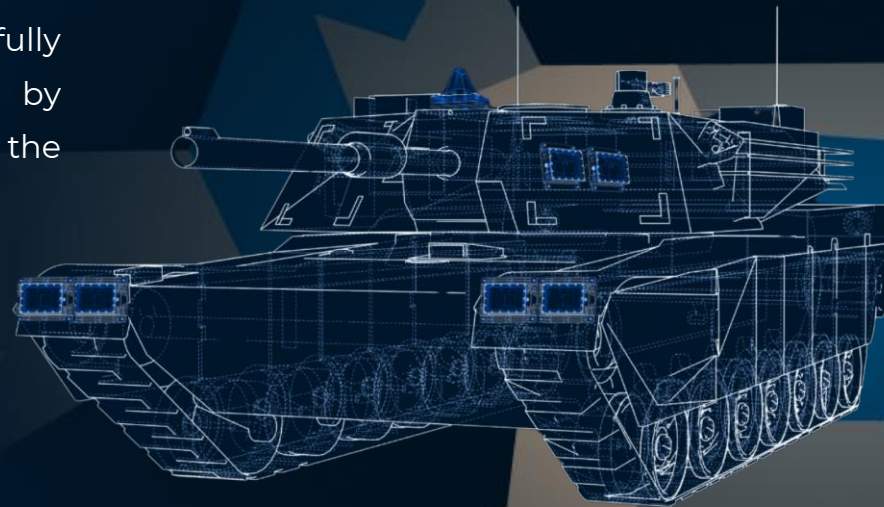
Cables



Fully Integrable

The Full Integration solution is our most advanced vehicle counter drone system, engineered for seamless incorporation into military vehicles during the production phase. This fully integrated anti-drone system offers RF-based protection by embedding drone detection and jamming capabilities into the vehicle's architecture, ensuring no threat goes undetected.

- RF detection and jamming
- Integration with Battle Management Systems
- Integrated into the vehicle's chassis for optimal performance
- Integrated GPS and compass for independent localization. Option for using host vehicle's location data.



Watchdog
150/250



Dobermann
151



C2



Antenna



Cables



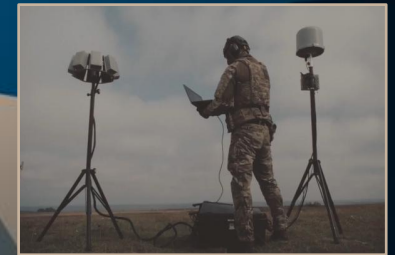
Perimeter Solutions



Multi Layered Site Kit

A Multi-Layered System combines various detection methods in one location to enhance coverage and reliability. These may include cameras, radars, acoustic sensors, and other technologies, layered together to address the limitations of any single method. This advanced system creates a powerful defense network capable of detecting and neutralizing drone threats at long ranges. Seamlessly integrating with our Situational Awareness System, you will have an intuitive map overlay that visually represents data and protected zones, ensuring precise GPS-based tracking of devices for enhanced situational control and adaptability.

- ❏ Real time alerts
- ❏ Identify and classify UAS threats
- ❏ Attended and/or un-attended mitigation of UAS threats





Stationary Site Kit

A Stationary Site Kit offers airspace security for critical infrastructure such as airports and correctional facilities. It includes the Wolfpack 210 (360° RF detector), Watchdog 202 (RF sensor), and Doberman 100/101 (jammer) for detecting drones and operators. Easy to install on a building, pole, or tripod, it connects via Power over Ethernet (PoE) for quick setup. The system provides early threat detection through RF monitoring and supports forensic data collection for legal action.

- ❏ Locate drones and drone operators
- ❏ Early detection based on radio frequency
- ❏ Capture and record forensic data for further legal actions





Portable Site Kit

Our Portable Site Kit is battle-proven, allowing for real-time detection and mitigation of drone threats. It enables the precise locating of both drones and their operators, ensuring authorities and personnel can act quickly and proceed with relevant security measures. Solutions like our Wolfpack (360° RF detector) and the Doberman 360 provide a robust defense mechanism, offering a reliable kit in various operational environments. This portable kit is designed for mobility and can be easily mounted on vehicles, sea vessels, and similar platforms, enabling versatile deployment in dynamic environments.

- ❏ Locate drones and drone operators
- ❏ Suitable and easy to use for military operations
- ❏ Respond and mitigate to drone threats in real-time





Wideband Antenna for Wingman

The Wideband Antenna is purpose-built to expose today's most evasive drone threats. When paired with Wingman, one of the smallest wearable drone detectors on the market, and integrated with ATAK, this compact antenna extends surveillance into previously undetectable low- and highband frequencies – transforming passive monitoring into actionable spectrum awareness. Designed with Electronic Warfare at Soldier Level in mind, it enhances situational awareness through a soldier-centric design, empowering frontline forces with superior communication capabilities and the tools to carry out effective Counter-UAS strategies.



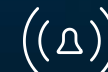
Soldier Level Awareness



Cross Device Communication



Updated Continuously



Alarms Provided



Extended Spectrum Coverage

Detects across 350–1300 MHz, 2.4 GHz (2400–2500 MHz), and 5 GHz (5000–6000 MHz) bands – now including full 5 GHz support.



ATAK-Powered Visualization

Spectrum activity streams directly into ATAK for real-time mapping, alerts, and jamming control via CoT.



Stealth Mode

Completely passive – zero signal emissions during operation.



Automated Defence Triggers

Profiles threats with instant alerts and fast operator response.



Spectrum Analyzer

Most RF tools analyse spectrum in labs - we bring it to the field. With Wingman's embedded RF Spectrum Analyzer, operators gain live insight into the invisible electromagnetic battlespace - no laptops, no delay.

Real-Time RF Monitoring

- ✦ Enables live spectrogram views of radio frequency activity across 350 MHz to 6 GHz.

Field-Ready Intelligence

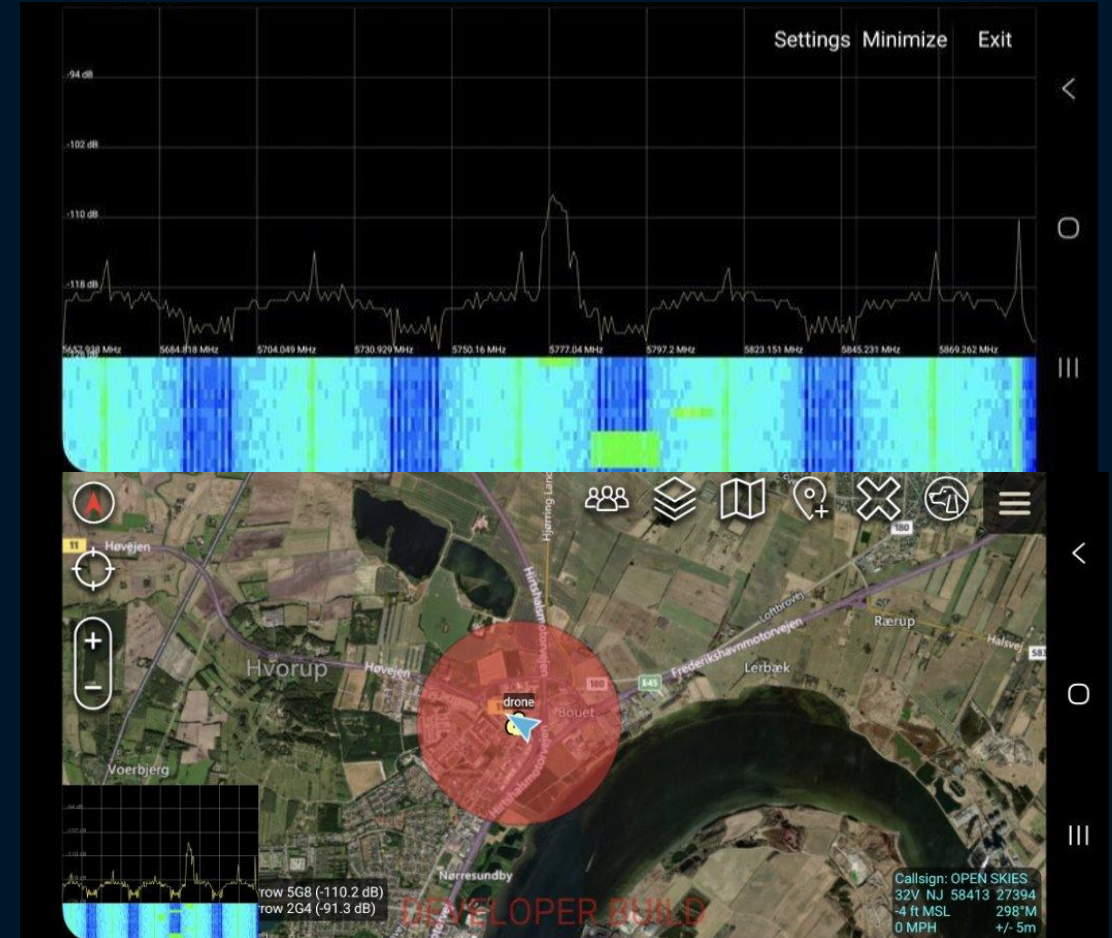
- ✦ Embedded in the End User Device - no laptop required, making it ideal for mobile operations.

Find threats outside the ISM-bands

- ✦ Allows the Wingman to detect signals even from modified protocols – essential when encountering FPV-drones.

Detection beyond drone protocols

- ✦ Any RF-signal emitted is detectable, adding a more general SIGINT capability to the Wingman.





Custom Drone Library

Purpose: Enables customers to create drone detectors without sharing sensitive data.

☐ Use Cases:

- ☐ Customer has recordings they can't/won't share.
- ☐ Need for rapid deployment of detectors for undetected protocols.

☐ Workflow:

- ☐ Record with Watchdog/Wolfpack
- ☐ Analyze and identify Signal of Interest (SOI)
- ☐ Build and test detector
- ☐ Upload to devices

☐ UI & Tools:

- ☐ Intuitive interface for managing recordings, filters, labels, and detectors
- ☐ Device manager for uploading and managing detector collections

☐ Detection Framework:

- ☐ Supports both controller and video signal patterns
- ☐ Uses hop time and channel mapping for signal correlation





MYDEFENCE

Counter Drone Technology



MYDEFENCE