



# D-Fend Solutions' Ground-Level Tactical Kit

## Gaining the Tactical Advantage

People operating in extreme environmental conditions – such as military and special forces, homeland security, law enforcement and border patrols – have long understood the gravity of the drone threat.

Ground forces and law enforcement personnel require a deployment option that is lightweight, portable and easy to assemble, yet also rugged and robust. The system and hardware must be capable of enduring the full spectrum of weather conditions, such as extreme heat or cold, dust and precipitation. The elevation coverage should be specifically tailored for ground-level deployments, with 360-degree coverage to offer protection from all directions.

Attempted attacks via drone are unfortunately becoming relatively frequent, but there are additional concerns. Unmanned aerial systems (UASs) are also used as an “eye in the sky” to collect intelligence on force movements and formations, and even bases. Drones can also threaten the flight patterns of helicopters and planes.

The ideal solution must be field-proven, as counter-drone protection can literally be a matter of life and death.

## Innovative Features & Benefits

- **Rugged**, certified hardware designed to withstand extreme weather and dust
- **360-degree coverage** to offer protection from all directions
- **Rapid and easy set-up** in less than two minutes, for operational flexibility
- **Proven solution** with hundreds of deployments and thousands of operational hours

## Complete Support for Ground Forces and Law Enforcement

EnforceAir, D-Fend Solution's flagship counter-drone solution, features the world's premier radio frequency (RF)-based, cyber-takeover technology. It empowers system operators to distinguish between authorized and unauthorized drones, permitting the former to continue operating.

D-Fend Solutions' **Ground-Level Tactical** kit provides complete support for **ground forces and law enforcement** personnel, with **360-degree azimuth coverage**. With hundreds of deployments and thousands of operational hours, this deployment kit has been tested and proven.

It combines a ground-level antenna, mechanical brackets and modular carrying cases. EnforceAir's software-defined radio (SDR) sensor performs all functions of the system, controlled and configured by an intuitive management tablet.

### Ground-Level Antenna

Ultra-wide-band antenna designed for ground deployments and MIL-STD certified (see below), providing 360° azimuth coverage and 0-40° elevation coverage suitable for ground-level deployments.

### Rugged and Weather Resistant

Designed to withstand weather and dust, EnforceAir operates in extremely hot and cold environments – -30C+50C/-22F+122F. EnforceAir has received the **Ingress Protection Rating 66 (IP66)**, meaning it has a rugged design and construction for outdoor use. The highest level of dust protection is provided, with no ingress from precipitation.

EnforceAir is also **MIL-STD-810G certified**. This is a U.S. military standard that addresses a broad range of environmental conditions that include altitude testing, exposure to high and low temperatures, precipitation, humidity, sand and dust exposure, explosive atmospheres and gunfire vibration.

### Operational Flexibility for The Most Challenging Environments

Drone threats vary by mission, use case and environment, so D-Fend Solutions offers multiple deployment options, providing optimized coverage for a wide variety of scenarios, conditions and terrain types, with rapid and easy set-up in less than two minutes. Our EnforceAir flagship system can be affixed to vehicles or ships, covertly if necessary, or set up as stationary deployments on low or high ground. The hardware is lightweight and compact, and can be rapidly taken apart, moved and reassembled in minutes.



For more information, please visit: [www.d-fendsolutions.com](http://www.d-fendsolutions.com)  
or contact us at: [sales@d-fendsolutions.com](mailto:sales@d-fendsolutions.com)

© 2021 D-Fend Solutions AD Ltd., its logo, brand, EnforceAir product, service, and process names appearing in this document are the trademarks or service marks of D-Fend Solutions AD Ltd., or its affiliated companies. All information in this document is for general information only, and it may be changed without notice. This document contains proprietary information of D-Fend Solutions AD Ltd. or its affiliates.

