



## D-Fend Solutions' Ground-Level Tactical Kit

**COUNTER-DRONE PROTECTION FOR  
GROUND FORCES AND LAW ENFORCEMENT**

### 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 for protection from all directions.

D-Fend Solutions' **Ground-Level Tactical Kit** provides complete support for ground forces and law enforcement personnel, with 360-degree azimuth coverage.

## Main Features & Benefits

- **Fast & Easy Set-up:** Rapid installation and operational flexibility
- **Ease of Use:** Controlled and configured by intuitive management tablet with EnforceAir's software-defined radio (SDR)
- **All-Direction Protection:** Ultra-wide-band antenna for 360° azimuth coverage and 0-40° elevation coverage
- **Ruggedized and Weather Resistant:** Designed to withstand hot and cold (30°C-+50°C/-22°F-+122°F), high dust, and precipitation environments
- **Proven Solution:** Tested and proven solution, with hundreds of deployments and thousands of operational hours
- **Certified:** Ingress Protection Rating 66 (IP66)-compliant and MIL-STD-810G-certified

## 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.

## Main Components

- **Ultra-Stable Tripod:** Ruggedized, sturdy tripod for quick assembly of the EnforceAir SDR unit, including quick installation brackets for the tripod, SDR unit, and antennas – without the need for additional tools
- **Ground-Level (Radome) Antenna:** Ultra-wide-band antenna for ground deployments, providing 360° azimuth coverage and 0-40° elevation coverage
- **Mechanical Brackets:** Quick installation brackets for tripod, EnforceAir SDR unit, and antenna, with no required tools for assembly
- **Modular Carrying Case:** Ruggedized, tactical case protection
- Compatible with separately purchased **Multiple Sensors Command & Control (MSC2)**, designed to control multiple EnforceAir sensors remotely, enabling system configuration, and drone mitigation capabilities from a single server incorporating a unified and aggregated view



# 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.

## Specifications

Electrical Specifications	
Frequency Range	420MHz to 6GHz
Radiation Pattern	Omni, radome protected
Gain	0dBi
VSWR	<3.0
Polarization	Nominally vertical
Nominal Impedance	50 $\Omega$
RF Connection	Female N-type for GPS, multi-pin RF connector
Operating Temperature	-30°C to +50°C

Mechanical Description	
Dimensions	Antenna: Height: 244mm Diameter: 464mm Tripod: Height: 239.80mm Diameter: 465 mm Maximum Height: 178cm/70in Minimum Height: 80.3cm/31.6in
Weight	11.5kg/25.4lb

 **D-FEND SOLUTIONS** For more information, contact us.

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