



# D-Fend Solutions' High-Altitude Stationary Kit

## COUNTER-DRONE SECURITY ABOVE & BELOW THE HORIZON

### Security Above & Below the Horizon?

The challenges of safeguarding large, permanent installations and sites, such as [stadiums](#) or [government buildings](#), to give just two examples, are especially difficult, as these venues are often located in complex and dense urban settings. Rogue drones can easily take off from ground level, very close to the protected area, or they can fly in from over the horizon.

### A Dual-Purpose Counter-Drone Deployment Option

D-Fend Solutions' **High-Altitude Stationary Kit** is a dual-purpose setup kit with **enhanced vertical aperture** to detect and mitigate drones that take off from short distances as well as from the horizon.

### Main Features & Benefits

- **Wide Area Coverage:** Enhanced vertical aperture, with 360°- horizontal coverage and +40°/-40° vertical coverage to address various types of threats and conditions
- **Enhanced Efficiency:** Single-antenna solution per area with full range coverage
- **Proven Durability & Weather Resistant:** Stationary, low-maintenance deployment kit designed to withstand extreme weather (-30°C/+50°C/-22°F/+122°F), including rain and snow
- **Field-Proven:** Certified, tested and proven, with hundreds of deployments and thousands of operational hours
- **Certified:** IP55 Compliant
- **Add-On Option** for EnforceAir, sold separately

## Main Components

EnforceAir's High-Altitude Tactical Kit is comprised of:



### Ultra-Wide-Band Antenna

Designed to be easily deployed on a pole, providing 360° azimuth coverage and +40°/-40° vertical coverage



### Pole Mounting Brackets

To host EnforceAir's software-defined radio (SDR) when installed on a pole



### Intuitive Graphical User Interface and Tablet

Simple and easy to use, with no need for technical background and with ability to operate the system while wearing gloves

### Multiple Sensors Command & Control (MSC2)


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. 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	400MHz to 6GHz
Gain	-4dBi – 0dBi @ 433MHz - 6GHz
VSWR	<2.0:1
Vertical Beam Width (-3dB)	±40°
Polarization	Omni vertical
Nominal Impedance	50 Ω
Input Power/Power Rating	10W

 **For more information, contact us.**

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