



# D-Fend Solutions' Military Vehicle Kit

## Dealing with Drones while Driving

Terrorist organizations frequently use drones in asymmetrical warfare against military and special forces, but soldiers and units must be able to move freely, without constantly fearing rogue drone attacks or surveillance of troop movements...

## Moving Bubble of Protection

D-Fend Solutions' **Military Vehicle Kit** is designed to work in conjunction with our software-defined radio (SDR) core component. They are sold separately. This optional, dual-use setup kit for mobile and static deployments offers a moving bubble of protection, so that forces can enjoy full mobility, without limitations imposed by the rogue drone threat. With hundreds of deployments and thousands of operational hours, this deployment kit has been tested and proven.

## Innovative Features & Benefits

### 360-Degree Coverage

Preserves continuity for forces and the surrounding environment.

### Maintain Mission Focus

Forces can focus on their operations while driving in dangerous areas, secure in the knowledge that **EnforceAir** – D-Fend Solutions' flagship counter-drone, radio frequency-based, cyber-takeover solution – can detect and mitigate drones automatically.

### Dual Use – Tactical & Mobile

When the mission requires a transition from mobile to tactical deployment in an area that is not accessible to vehicles (such as rooftops), military personnel can transfer the counter-drone solution onto a tripod within minutes. No tools are required.





### Continuous Communication and Navigation Capabilities

EnforceAir features non-jamming mitigation technology that will not interfere with the vehicle's GPS signals or communications systems.

### Rugged & Weather-Resistant

The system is **MIL-STD-810G** certified and proven to withstand exposure to high and low temperatures, precipitation, humidity, sand, etc.

### Maintaining Military Mobility

The high-performance, omni-directional antenna offers full 360-degree coverage, preserving continuity for forces and the surrounding environment.

The SDR performs all functions of the system, controlled and configured by an intuitive management tablet. Military and special forces can choose to set the system to protect their vehicle, their surroundings or a specific area, such as a military base or field of operation, while stationary or patrolling.

The Military Vehicle kit can be combined with D-Fend Solutions' [Ground-Level Tactical](#) kit to easily switch between deployment options during operations. The two kits can utilize the same SDR and military antenna radome for on-the-move and ad hoc stationary deployments (no tools required).

The Ground-Level Tactical kit provides complete support for ground forces.



## Main Components

### Ground-Level Military Antenna<sup>1</sup>

The ultra-wide-band antenna is designed for ground deployments, providing 360° azimuth coverage and 0-40° elevation coverage suitable for ground-level military deployments.

### Military Vehicle Cradle for the Military Antenna

D-Fend's shock-absorbing 810F military-standard (MIL) cradle for the ground-level MIL antenna is designed for ad hoc, or permanent installation in a military vehicle.

### Military Vehicle Cradle for SDR

The shock-absorbing, 810F MIL cradle is tailored for the SDR unit. The SDR can be rapidly removed from the vehicle for tactical deployment on a tripod.

## Rugged and Certified

Designed to withstand weather and dust, EnforceAir operates in extremely hot and cold environments – -30C/+50C/-22F/+122F. EnforceAir is **MIL-STD-810G certified**. This is a U.S. military standard that addresses a broad range of environmental conditions that include exposure to high and low temperatures, precipitation, humidity, sand and dust exposure, explosive atmospheres and gunfire vibration.

EnforceAir has also received the **Ingress Protection Rating 66 (IP66)**.

## Agile & Intuitive

EnforceAir's intuitive graphical user interface and rugged tablet are simple and easy to use. System operators do not require a technical background and can operate the system while wearing a pair of gloves.

<sup>1</sup> The antenna can be removed from the kit if it was previously purchased as part of other deployment kits.



For more information, visit: [www.d-fendsolutions.com](http://www.d-fendsolutions.com)  
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