



D-Fend Solutions' EnforceAir2 Military Vehicle Kit

**PROTECTING MILITARY FORCES
ON THE MOVE FROM HOSTILE UAVs**

Military Mobility for C-UAS: A Moving Bubble of Protection

Commercial drones are increasingly used in asymmetrical warfare, as well as conventional military conflicts, including for explosive attacks, gathering intelligence on troop movements and formations, and disrupting aircraft flight patterns. Soldiers must be able to move freely, with protection against rogue drone attacks and surveillance.

D-Fend Solutions' EnforceAir2 **Military Vehicle Kit** offers uncompromised mobility and protection **ON THE MOVE** for all classes of military vehicles with non-jamming mitigation technology that does not interfere with the vehicle's GPS signals or communications systems.



Main Features & Benefits

Comprehensive Coverage

Omnidirectional antenna for 360° coverage, for wide area coverage and protection from all directions

Constant Power

Independent power source for 24-hour continuous operation

Autonomy

Optional autonomous mode, for staffing optimization, when appropriate, and allowing military teams to focus on navigation and mission at hand

Fast Setup

Rapid installation within minutes

Ease of use

Intuitive graphical user interface, easy-to-use tablet

Multi-Use

Seamless transition to tactical, stationary and portable deployments

Ruggedized and certified

Designed to withstand broad range of environmental conditions; MIL-STD-810H, MIL-STD-461, IP66 compliant

Interoperable with D-Fend's [Multi-Sensor Command & Control system](#).

D-Fend Solutions' Multi-Sensor Command & Control system (MSC2) empowers our customers to manage multiple different EnforceAir deployment kits simultaneously and remotely from a single server, so organizations can protect large tracts of land from unauthorized drones and scale up fast, regardless of the operational requirement.



Main Components

▶ Ground-Level Military Antenna

Ultra-wide-band antenna for ground deployments, with 360° azimuth coverage and 0-40° elevation coverage

▶ Cradle for the Military Antenna

Shock-absorbing cradle for ground-level antenna, designed for ad-hoc or permanent installation in a military vehicle

▶ Vehicle Cradle for SDR

Shock-absorbing cradle tailored for SDR unit, which can be rapidly removed from the vehicle for tactical deployment on tripod

Maintaining Military Mobility

Military and special forces operators 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 included in the EnforceAir2 **Tactical SOF Bundle**, which enables tactical teams to supersede **deployment challenges** and unleash **full operational flexibility** over tactical, vehicle, long-term tactical, and man-portable operations. The EnforceAir2 bundle allows for easy conversion between deployments, with the same core hardware elements in just minutes.




Technical Specifications	
Operating Frequency	400MHz-6GHz
Transmission Power	Up to 36 dBm
Operating Voltage	AC: 100-240V, 50/60Hz • DC: 20-36V Nom-24V
Power Consumption	150W/170W (Detection/Mitigation)
Weight & Dimensions	SDR: 12.8kg/28.2lb LxHxW: 39 x 52 x 12cm / 15.35 x 20.5 x 4.7 in Transport Case: 30kg/66lb LxHxW: 68 x 53 x 38 cm / 26.6 x 20.7 x 14.9 in (incl. SDR, power supply, management tablet, cables & accessories)
Environmental & Radio Compliance	MIL STD 810H, MIL STD 461, IP66
Operating Temperature	-30°C to +50°C



EnforceAir2 is available in white and desert sand colors.

Technical Specifications	
Frequency Range	420MHz to 6GHz
Radiation Pattern	Omnidirectional
Gain	0dBi
VSWR	≤3.0
Polarization	Nominally vertical
Nominal Impedance	50 Ω
Radiator	Radome protected
RF Connection	Female N-type for GPS, multi-pin RF connector
Operating Temperature	-30°C to +50°C
Dimensions	Antenna: Height: 244mm Diameter: 464mm
	Antenna Cradle: Height: 88.7mm Diameter: 464mm
	Portable Power System: Height: 287mm Width: 274mm Length: 325mm

 For more information, please visit: www.d-fendsolutions.com or contact us at: info@d-fendsolutions.com

© 2024 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, 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 or its affiliates.