



## D-Fend Solutions' Vehicle Kit

**COVERT PROTECTION FOR ON-THE-MOVE  
COUNTER-DRONE OPERATIONS**

### **Mission-Critical C-UAS for Mobile Scenarios**

Security teams protecting VIPs on the move, mobile law enforcement operations, and other sectors responsible for ensuring safety while on the go require covert mobility and controlled protection against rogue drone threats.

D-Fend Solutions' **Vehicle Kit** offers a discreet deployment, delivering a **MOVING BUBBLE OF PROTECTION** with fast and accurate detection and controlled, safe mitigation technology that will not interfere with the vehicle's GPS reception or communications systems nor cause collateral damage.



## Main Features & Benefits

### Comprehensive Coverage

Set of 5 small-footprint, ultra-wide band antennas for installation on vehicle's roof

### Covert Protection

Maximum stealth without compromising performance; sturdy cradle for EnforceAir, along with magnetic, omnidirectional antennas

### Fast Set-Up

5-minute installation on any type of vehicle, with no permanent modifications or damage to the vehicle

### Ease of use

Intuitive graphical user interface, easy-to-use tablet

### Constant Power

Independent power source for 24-hour continuous operation

### Autonomy

Optional autonomous mode, freeing up the driver and team to focus on navigation and mission

### Dual-Use

Setup kit for mobile or static deployment, with simple transition from mobile to tactical or static deployment



- Separately sold **deployment kit extension** to core software-defined radio-based [EnforceAir](#) system
- Interoperable with D-Fend's [Multi-Sensor Command & Control](#) system
- **Tested and proven** with hundreds of deployments worldwide, and thousands of ongoing operational hours
- **IP65 compliant**

## Main Components

### Vehicle Cradle for SDR

Shock-absorbing cradle for the EnforceAir SDR Unit, designed for ad hoc or permanent installation in a vehicle, along with magnetic, omnidirectional antennas for covert operations

### Discreet Vehicle Antennas

A set of five, small-footprint, ultra-wide-band antennas for installation on the vehicle's roof

### Vehicle Tablet Mount

Dedicated mechanical and portable power kit inside the vehicle for the management tablet



| Technical Specifications |   |
|--------------------------|---|
| Frequency Range          | 420MHz to 6GHz  |
| Radiation Pattern        | Omnidirectional   |
| Gain                     | 0dBi  |
| VSWR                     | ≤3.0  |
| Polarization             | Nominally vertical  |
| Nominal Impedance        | 50 Ω  |
| Power Rating (CW)        | <ul style="list-style-type: none"> <li>420-2500 MHz: 200 W</li> <li>2500-4000 MHz: 160 W</li> <li>4000-6000 MHz: 130 W</li> </ul>   |
| Radiator                 | Radome protected  |
| RF Connection            | Female N-type   |
| Operating Temperature    | -30°C to +50°C  |
| Dimensions               | <p>Wideband Antenna:</p> <p>Footprint: Ø 88mm<br/> Height: 142mm<br/> Weight: 0.9kg<br/> Mounting: Ø 88mm magnet<br/> (vertical holding force typically 280 N<br/> when mounted on 0.8mm steel sheet)</p> <p>GPS WiFi Antenna:</p> <p>Height: 57.7mm<br/> Width: 113.6mm<br/> Length: 186mm</p> <p>Vehicle Cradle:</p> <p>Height: 89.7mm<br/> Width: 578mm<br/> Length: 540mm</p> <p>Portable Power System (<i>Optional</i>):</p> <p>Height: 287mm<br/> Width: 274mm<br/> Length: 325mm</p> |



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

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