D-Fend Solutions'
EnforceAir2
Homeland Security & Law Enforcement Deployment Bundle

MULTIUSE DEPLOYMENT BUNDLES FOR RAPIDLY ACHIEVING SEAMLESS OPERATIONAL FLEXIBILITY (SOF)

Homeland security and law enforcement tactical teams operate in various settings depending on the nature of their mission and jurisdiction. These may include urban and sensitive environments, rural areas with challenging terrains, airport and transportation hubs, critical infrastructure, borders, and special events (e.g., political gatherings, sporting events, concerts, etc.)

The EnforceAir2 multiuse deployment kit bundle provides high-performance counter-UAS capabilities with seamless operational flexibility (SOF). It enables tactical teams to overcome deployment challenges with tactical, vehicle, stationary, and man-portable (backpack) configurations.
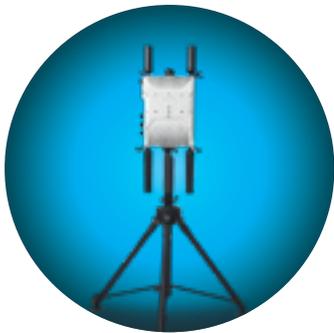
Main Features & Benefits

- **Stationary Deployment Options for Tactical Readiness:** Establish secure positions for varying periods, with versatile options for short to medium-term stationary deployments, enabling stability and tactical advantage.

- **Best-in-Class SWaP (size, weight, and power):** Designed to be portable and efficient, our bundle offers a compact, lightweight, small form factor without compromising powerful capabilities. EA2's smaller, rugged and lighter cases provide easy and protected transport. Designed with user-friendly features, the bundle can be quickly set up, with simple handling.

- **Purpose-built Cyber SDR Hardware:** Powerful real-time, processing, advanced RF technology, overcoming the limitations of traditional, commercial off-the-shelf (COTS) SDR platforms. With multiple receivers and transmitters, it delivers powerful real-time processing.

- **High-Performance Antennas:** Multiple input, multiple output, with compact footprint form-factor implementation, and improved radiation patterns.

- **Seamless transition** between deployments

- **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

- **Core Unit:** Purpose-built, C-UAS cyber-SDR hardware with powerful, real-time processing and advanced RF technology and tablet.
- **Tactical Kit:** Tripod-mounted at ground level, rooftops, or elevated terrains for maximum RF coverage, with +/-30° above and below the horizon to protect against drones flying at both low and high altitudes.
- **Vehicle Kit:** High-performance protection on-the-move for covert operations, with upright installation of the SDR unit inside the vehicle to save cargo space. It can be easily mounted and transferred between different vehicles within minutes without the need for tools or vehicle modifications.
- **Pole Mount Kit:** Pole mounting for 24/7 stationary and long-term missions designed to be either permanently and easily installed or quickly and easily disassembled and transported to another location for reinstallation, with full operational flexibility.
- **Backpack Kit:** The new covert backpack deployment option provides unique, on-the-move protection, with full detection and mitigation functionality and optimal size and performance balance for stealth operations under all weather conditions.

EnforceAir2 brings enhanced, expanded, and extended C-UAS capabilities, with even more power, performance, portability, and range, all in a compact footprint. D-Fend's cyber takeover capabilities provide end-to-end detection and mitigation for situational awareness and operational continuity.

OPERATIONAL FLEXIBILITY FOR THE MOST CHALLENGING ENVIRONMENTS

Addressing a diverse range of drone threats encountered in different missions, use cases and environments, D-Fend Solutions' EnforceAir2 offers a comprehensive solution with multiple deployment options. This next-gen, radio frequency (RF)-cyber takeover-based counter-drone system provides optimized coverage for a wide variety of scenarios, conditions, and terrains. With seamless operational flexibility, EnforceAir2 delivers enhanced, expanded, and extended C-UAS capabilities, with even more power, performance, portability, and long-range coverage, all in a compact footprint..

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 × 20.7 × 14.9 in (incl. SDR, power supply, management tablet, cables & accessories)
Environmental & Radio Compliance	MIL STD 810H, MIL STD 461, IP66
Operating Temperature	-30⁰C to +50⁰C

EnforceAir2 is available in white and desert sand colors.