



- TRL 9 - Combat Proven ✓
- Radiation Safety Certified ✓
- Detects, Jams & Spoofs ✓
- Military Qualified & IP67-rated ✓
- Remotely Controlled ✓
- Drone Protocols ✓

The Dronebuster[®] FS (fixed-site) is a compact, lightweight, cost-effective CUAS tool that can detect and defeat commercial-off-the-shelf drone threats. It provides an effective, affordable Electronic Attack/PNT Attack capability for mobile and fixed-site C-UAS systems. With an IP67 rating, the system is designed to be mounted on a pan-n-tilt and remote-controlled as part of an integrated countermeasure system.

The Dronebuster product family comprises versatile electronic systems that can be handheld or mounted in various configurations, including fixed orientations, onto weapons stations, or customized setups. It distinguishes itself as one of the exclusive systems authorized by the U.S. Department of Defense.

Features

Benefits

Applications

Mission Flexibility	The Dronebuster-FS is a critical layer of a CUAS Mobile or Fixed-Site System and is easily networked into a perimeter security system. Customers can update firmware.
COTS Drone Communication Protocols	Defeats Commercial Off the Shelf (COTS) drones with ability for the user to select specific bands and bandwidth.
Integrated Radio Identification and Location	Integrated radio detection enables the operator to detect drones, aim the system, and determine the drone radio frequencies.
GNSS Disruption	The Dronebuster FS can jam commercial satellite navigation frequencies, across all four satellite constellations (GNSS). The Dronebuster FS can jam drone radio bands only; or simultaneously with the GNSS bands.
Lightweight and Certified with an IP67 Rating	55 cm long, under 3.1 kg, and requires an external power source. Simple bracket allows for easy mounting. Military connectors on cable provide secure, weather-proof connection to other integrated components.
Easy to install	Four bolts and 2 connectors (D38999) are all that's needed to install.
PNT Attack	The PNT Attack (GNSS Simulation) enables it to take over a target drone's flight navigation. PNT Attack (GNSS Simulation) forces the drone to fly in a user selected direction (default is away) for up to 4 km. Contact Flex Force for more information.
Effective Against Swarms	The Dronebuster jamming and navigation attacks are effective against all drones in the beamwidth of the antenna.

- ▶ Base Security
- ▶ Event Security
- ▶ Aviation Security
- ▶ Convoy Security
- ▶ Facility Security
- ▶ Maneuver Security
- ▶ Law Enforcement/First Responders
- ▶ Critical Infrastructure

For all non-Government entities: This device has not been authorized as required by the rules of the U.S. Federal Communications Commission. This device is not, and may not be, offered for sale or lease in the U.S. until authorization is obtained. Sale to non-US customers is subject to review and authorization under the ITAR.

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Dronebuster® FS (fixed-site)

Specifications

Size	21.6" L x 10.9" H x 4.5" W (55 cm L x 28 cm H x 11.4 cm)
Weight	6.9 lbs. (3.0 kg)
External Power	Requires external DC power for continuous operation
Serial Interface	High reliability RS 422 serial interface for easy integration into new or existing command and control systems
Fixed Site Mounting Points	Fixed site mounting holes on the bottom, left, and right sides. Contact Flex Force for mechanical and electrical
Command and Control Jamming Frequencies	Comprehensive COTS drone effectivity. Specific details available under non-disclosure agreement and export license. User has ability to select specific bands and bandwidths during engagements
GNSS Jamming Frequencies	Civilian navigation frequencies using directional emissions to minimize inadvertent GNSS disruption; optionally disabled in hardware for users without authorization to jam GNSS
GNSS Simulation	Factory installed option for the Dronebuster FS. Contact Flex Force for more information
Effectiveness	Line of sight
Environmental	MIL STD 810 tested and IP67 rated



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