


TRL 9 - Combat Proven

Radiation Safety Certified

NATO Standard Battery and Power

Military Qualified & IP-rated

Remotely Controllable

Drone Protocols


The Dronebuster® Block 4 is our 4th generation compact, lightweight, cost-effective CUAS tool that can detect and defeat commercial drone threats. The man portable jammer used by dismounted troops, security teams, and first responders can be instantly made ready to use during fluid, ambiguous, fast-paced encounters. This state-of-the-art system represents the best hand-held jammer in the world today. The Dronebuster is the only handheld electronic attack system authorized by the U.S. Department of Defense.

Features

Mission Flexibility

The Dronebuster Block 4 is a critical layer of a CUAS strategy, a superb point-defense tool or an essential gap filler when integrated into a perimeter security system.

COTS Drone Communication Protocols

Defeats Commercial Off the Shelf (COTS) drones.

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 can jam commercial satellite navigation frequencies, across all four satellite constellations (GNSS). The Block 4 can jam drone radio bands only; or in simultaneous to GNSS bands.

Portable

56 cm long, under 2.65 kg, and does not require any external power source or auxiliary equipment (e.g. no backpack).

Easy to use

Operators can be trained in basic operation in less than 5 minutes.

GNSS Simulation

The Dronebuster Block 4 can be upgraded with GNSS spoofing, enabling it to take over a target drone's flight computer. The spoofing (PNT attack) forces the drone to fly directly away from the Dronebuster for up to 2 km.

Effective Against Swarms

The Dronebuster jamming and PNT attacks are effective against all drones in the area of effect.

Applications

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

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.

The ONLY handheld electronic attack defeat solution authorized for the U.S. Department of Defense and all federal agencies



Dronebuster® Block 4

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	W/O Battery 5.10 lbs. (2.31 kg), W/Battery 5.85 lbs. (2.65 kg)
Battery Type	NATO Mil-Spec Battery certified and approved for military and civilian transport
Battery Endurance	60+ minutes jamming, 10+ hours of detection
External Power	Supports external DC power for continuous operation
Serial Interface	Optionally enabled 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 right and left side. Contact Flex Force for mechanical and electrical ICDs
Command and Control Jamming Frequencies	Comprehensive COTS drone effectivity. Specific details available under non-disclosure agreement and export license
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	Optional factory upgrade from Dronebuster Block 4 to Dronebuster SNA. Contact Flex Force for more information
Effectiveness	Line of sight
Environmental	MIL STD 810 tested and IP65 rated



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