

# DRONEBUSTER® BLOCK PNT

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



*The Dronebuster® PNT is a 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. Even 'dark drones' are readily defeated using our state-of-the-art spoofing feature we call PNT. The Dronebuster is the only handheld electronic attack system authorized by the U.S. Department of Defense.*

## FEATURES

### MISSION FLEXIBILITY

## BENEFITS

The Dronebuster is a critical layer of a CUAS strategy and can be quickly field configured for handheld use or integration 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.

### GNSS SIMULATION

The Dronebuster PNT spoofs the target drone's flight computer. This position, navigation, and timing (PNT) attack forces the drone to fly directly away from the Dronebuster for 2 km. Contact Flex Force for additional PNT attack profiles.

### EFFECTIVE AGAINST SWARMS

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

### 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 five minutes.

## APPLICATIONS

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

## HIGHLIGHTS

- TRL 9 - Combat Proven
- Radiation Safety Certified
- Detects, Jams and Spoofs
- Military Qualified & IP-rated
- Remotely Controllable
- Drone protocols



# DRONEBUSTER® PNT

## SPECIFICATIONS

<b>SIZE</b>	21.6" L x 10.9" H x 4.5" W (55 cm L x 28 cm H x 11.4 cm)
<b>WEIGHT</b>	W/O Battery 5.10 lbs. (2.31 kg), W/Battery 5.85 lbs. (2.65kg)
<b>BATTERY TYPE</b>	NATO Mil-Spec Battery certified and approved for military and civilian transport
<b>BATTERY ENDURANCE</b>	60+ minutes jamming, 10+ hours of detection
<b>EXTERNAL POWER</b>	Supports external DC power for continuous operation
<b>SERIAL INTERFACE</b>	Optionally enabled high reliability RS 422 serial interface for easy integration into new or existing command and control systems
<b>FIXED-SITE MOUNTING POINTS</b>	Fixed-site mounting holes on right and left side. Contact Flex Force for mechanical and electrical ICDs)
<b>COMMAND AND CONTROL JAMMING FREQUENCIES</b>	Comprehensive COTS drone effectivity. Specific details available under non-disclosure agreement and export license
<b>GNSS JAMMING FREQUENCIES</b>	Navigation frequencies using directional emissions to minimize inadvertent GNSS disruption; optionally disabled in hardware for users without authorization to jam GNSS
<b>SPOOFING</b>	Yes, available to interdict 'dark drones' flying exclusively on waypoint control
<b>EFFECTIVENESS</b>	Line of sight
<b>ENVIRONMENTAL</b>	MIL STD 810 tested and IP65 rated



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