DRONEBUSTER®

FEATURES AND SPECIFICATIONS

DZYNE TECHNOLOGIES

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.

DRONEBUSTER® COMPARISON

FEATURES		DRONEBUSTER® 4	DRONEBUSTER® PNT
MISSION FLEXIBILITY	Critical system in a C-UAS layered defense • Superb point-defense tool • Essential gap filler when integrated into a perimeter security system	✓	✓
COTS DRONE COMMS PROTOCOLS	Defeats drones that use Commercial Off the Shelf (COTS) ISM frequencies	✓	✓
INTEGRATED RADIO FREQUENCY IDENTIFICATION AND LOCATION	Enables the operator to: • Detect drones • Aim the system • Determine the drone radio frequencies.	✓	✓
GNSS DISRUPTION	Jams all 4 major GNSS systems, GPS, BeiDou, Glonass, Galileo	✓	✓
PORTABLE	56 cm long, 5.6 lb w/o battery, or 6.28 lb w/battery or 2.8 kg w/ battery or 2.44 kg w/o battery, 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 (DB 4 AND PNT ONLY)	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 ~4km	✓	✓
EFFECTIVE AGAINST SWARMS	The Dronebuster jamming and PNT attacks are effective against all drones that fall into the ~60 degree cone of effect	✓	✓

DRONEBUSTER® COMPARISON

SPECIFICATIONS		DRONEBUSTER® 4	DRONEBUSTER® SNA
SIZE	21.6" L x 10.9" H x 4.5" W (55 cm L x 28 cm H x 11.4 cm)	✓	✓
WEIGHT	5.6lb w/o battery, or 6.28lb w/battery or 2.8kg w/battery or 2.44kg w/o battery	✓	✓
BATTERY TYPE AND ENDURANCE	NATO Mil-Spec Battery certified and approved for military and civilian transport. 60+ minutes jamming, 10+ hours of detection	✓	✓
EXTERNAL POWER	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 (DB 4 AND FS ONLY)	Optional factory upgrade from Dronebuster Block 4 to Dronebuster PNT. Contact Flex Force for more information	✓	✗
SPOOFING	Yes, available to interdict 'dark drones' flying exclusively on waypoint control	✗	✓
EFFECTIVENESS	Line of sight	✓	✓
ENVIRONMENTAL	MIL STD 810 tested and IP65 rated	✓	✓

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