



DRONE BLASTER™ Anti Drone Gun MKIII

Application

Protecting what matters most is DGS's mission. Unidentified commercial drones can pose a serious threat to public safety, government agencies and critical infrastructures – military and civilians – but DGS has a solution to these rapidly-evolving airborne threats.

The DRONE BLASTER™ MKIII is a non-kinetic C-UAS solution developed to protect airspace against micro-UAVs and commercial drones. With its fully integrated rifle style, the Drone Blaster MKIII Tactical Anti-Drone Gun is a hand-held tactical drone jammer which can disrupt multiple RF frequency bands simultaneously without compromising safety or risking collateral damage. DRONE BLASTER™ MKIII removes the need for sensor systems to track target drones and provides a cost-effective solution by giving the ability to security personnel to take down a drone at the first sight.

When the DRONE BLASTER™ MKIII Anti-Drone Gun is activated, it transmits multi-bands RF and GNSS (Europe's Galileo, USA's NAVSTAR GPS, Russia's GLONASS, and China's BeiDou Navigation Satellite System) jamming signals to disrupt commercial drones' control functions and causes no damage to drone hardware or surrounding environment. The intruding target drone will be forced to

1. Enter vertical safe-landing mode;
2. Return to the starting point or the drone operator which allows the drone operator to be tracked down.



Disclaimer:

All Jamming devices in part or whole may be regulated by the US Department of State in accordance with the guidelines of ITAR (International Traffic in Arms) title 22, Code of Federal Regulations (CFR), Parts 120-130. An export license may be required before proceeding. RF Jamming in some countries is regulated. DroneBlaster MKIII and other DGS's countermeasure products have not been authorized as required by the United States Federal Communications Commission ("FCC"). These devices are not, and may not be, offered for sale or lease, or sold or leased, in the United States, other than to the United States government, its agencies, and its properly delegated representatives, until such authorization is obtained. The use of these products in the United States by other persons or entities, including, in certain circumstances, state or local government agencies, is prohibited by federal law. Laws limiting the availability of these products to certain types of users may apply in other jurisdictions, and any sales will be conducted only in compliance with the applicable laws.

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Highlights

Battlefield Proven, Robust Rifle Style Design

- Provides the user with the highest ergonomics;
- Internal aluminum frame and rugged housing for strength and durability;
- MIL-STD 1913 Rails for mounting scope or red dot.

Lightweight, High Gain Directional Antennas

- Special high gain directional antenna design for operational effectiveness;
- Integrated military-grade electronic modules for compact application
- Built-in VSWR protection feature
- Built-in thermal management system

Highly Intuitive User Interface

- Ready for operation with a simple switch On/Off. No confusing “dial” setting.
- Separate switch for GNSS jamming. Switch designed to reduce accidental activation.
- Warning LED indicators for ‘Low Battery’ and ‘System Status’.
- LED indicators for each enabled individual frequency band.



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Features

- **Long-Range Drone Jamming Capability:** Allows for an up to 2km jamming distance
- **8 RF Frequency Bands:** defeat multiple RF frequency bands simultaneously (0.4GHz, 0.8GHz, 0.9GHz, 1.6GHz, 2.4GHz, 5.1GHz, 5.8GHz, 5.9GHz)
- **GNSS Jamming:** Optional GNSS jamming capability (GPS, Galileo, GLONASS, BeiDou)
- **Immediate Video Disruption:** Immediately disrupts video transmission back to the drone operator
- **Long Battery Life:** Supplied with external rechargeable batteries. Operating time > 2hours
- **Easy to Use:** Minimal technical training for deployment required, highly portable design
- **Supports Forensic Investigation:** Drone remains intact and available for forensic investigation
- **Protected:** Rugged design, compatible with MIL-STD-810 conditions (humidity, rain, dust, shock and vibration)

Technical Specifications

RF Frequency Bands	0.4GHz, 0.8GHz, 0.9GHz, 1.6GHz, 2.4GHz, 5.1GHz, 5.8GHz, 5.9GHz
GNSS Bands (Optional)	GPS, Galileo, GLONASS, BeiDou
Control Signal Method	FNSS & DSSS
Antenna Type	High Gain Directional Antenna
Effective Control Distance	1-2 km
Power Supply	External Battery 28VDC, 3500mAh
Rifle Weight	2kg (4lbs)
Operating Time	>2 hours (continuous transmission)
User Feedback	Visual + Optional Audio
Operating Temperature	-30°C; +50°C
Storage Temperature	-40°C; +60°C
Color	Black, Desert Tan
Dimensions	470mm × 92mm × 40mm (18.5" × 4" × 1.6")
Electric Field (SAR)	Compatible with ICNIRP standards (Human Safe)

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