

DroneShoot800

Drone/RF Gun

Datasheet



***Pictures for illustration only**

Update	Date	Authors	Status
Rev0.1	02/02/2021	YL	Draft
Rev1.0	03/02/2021	RI	Approved

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Phantom Technologies' DroneShoot800 is an RF drone jammer gun that Blocks all Drone's communications including GPS.

It transmits directional RF signals that interferes with the drone GPS & WIFI Communication's signal such as ISM, GPS-L1, GPS-L2, etc.

By blocking those signals, the Drone operation is neutralized.

Solution Description

The **DroneShoot800** was designed to safely neutralize the flight of Unauthorized Drones in a secured perimeter, of the VIP protection.

The unit can jam all the frequencies together for at least 6 operations of 10 minutes continuously based on one battery.

(60 minutes between charging)

Unit Features

- The **DroneShoot800** is manually operated
- Short learning time, no special skills are required
- Effective Jamming Range - Up to 1,200m (Line-of-Sight)
- Compact and Light Weight
- Complies with MIL-STD
- Operates under same weather conditions that allow Drones to fly
- Doesn't require any special maintenance
- Easy transportation in a Pelican Case

Additional Features

- The gun includes GPS and a compass in a visible location to the operator
- The gun includes a touch screen to provide easy configuration of the system
- The gun includes temperature and air pressure meters
- The gun includes a CCD Camera
- Manually configurable transmission bands
- Multi-Band transmission simultaneously

Technical Specifications

RF Characteristics	
Output Power	Up to 5 Watts per band
Internal Modulation	Analog and Digital
Antennas	High Gain Directional
Possible Jamming Frequency Bands and Power output	
Frequency Band	433-470MHz – 5 Watts 863-870MHz – 5 Watts 900-930MHz– 5 Watts 1575MHz & 1602 MHz – 1-2 Watts 2,400-2,500MHz – 5 Watts 5,700-5,900MHz – 5 Watts
Air Interface Standards	ISM, GNSS & Wi-Fi
Physical Data	
Dimensions	Approx. 100 cm
Weight	Approx. 8 Kg W/O Batteries 10 Kg. W. Batteries
Environment of Operation	
Operating Temp	-20°C - +55°C
Humidity	Up to 95%
Storage Temp.	-40°C - +70°C
Degree of protection	Antennas IP65, Unit - MIL-STD-810F
Power	
Batteries	Li-ion 28V/4.2 Ah