

Anti-Drone Flashlight

MODEL: VBE-3F15

Introductions:

The Anti-Drone Flashlight designed for blocking commercial drone signals.

Jamming radius of this device depends on several conditions such as transmitter frequency and output power, distance to receiver, and obstacles between, etc.

Because of the variety of jamming targets and a wide range of uncertainties, we have adopted the more advanced and effective jamming signal modulation method, which will increase the jamming efficiency in each band.

The Flashlight with 1000lumen strong lighting.



Features:

Advanced Jamming technology for high efficiency;

Slow start up design of circuit to make the device work stably;

Perfect Self Protection: Over Heat protection, Over current protection, High input Voltage and low Voltage protection, VSWR protection

Hidden Design

Easy Operation

Strong lighting Flashlight function

Applications:

Any Sensitive locations where the commercial drones not allowed to fly, like police stations, prisons, airports, scientific research centers, detention houses, courthouses, labor camp, military bases, etc.



Device Overview:



1. **R key:** to turn on/off the 2.4G&5.8G drone control jamming
2. **G key:** ON/OFF the GPS Jamming of the drone
3. **Power key:** Press to turn on the power supply.
4. **Lighting key:** Press to turn on the flashlight
5. **Lighting:** Lighting part.
6. **Antenna:** built-in directional antenna
7. **Battery:** Removable for charging or replacement of spare batteries.

Technical Specifications:

RF Characteristics:

Total Output Power: Up to 15W

Jamming distance: up to 300 meters depending on the several conditions such as transmitter frequency and output power, distance to receiver, and obstacles between, etc.

Internal Modulation: FM Hopping Frequency and Sweeping

Power Supply: 220VAC/12VDC

Power consumption: 45W

Jamming target: commercial drones

Power Amplifier Protectors:

A. Over- Heat protection – Thermal protector

B. Over current protection

C. High input Voltage and low Voltage protection

D. VSWR protection: against antenna miss-match including open and short circuit

Cooling: Heat sink natural cooling

Physical Data:

Net Weight of Jammer Host: approx 1kg

Dimension: 66*66*280mm

Proof Level: IP65

Environment of operation:

Operating Temperature: -20°C - +50°C

Humidity: up to 95%

Battery:

Battery type: Lithium Battery

Battery quantity: 1pcs

Battery working time: >=30 min

Low battery warning: available

Battery fast change: available

Spare Battery: optional

Flashlight with strong lighting:

Output Power: 10w

Lumens: 1000LM



Jamming Power Division:

Module / Channel		Frequency Band	RF Power	Jamming target
Module 1	Channel 1	1550-1620MHz	5W	GPS, BDS, GLONASS, etc
Module 2	Channel 2	2400-2500MHz	5W	Drone Control, Video Transmission
Module 3	Channel 3	5725-5850MHz	5W	Drone Control, Video Transmission
TOTAL			15W	



Antennas:

Antenna type: Built-in Directional Antenna

Antenna quantity: 3pcs

Antenna Features:

Good VSWR features with High efficiency;

Antenna Technical Parameters:

Item	INDEX
Input Impedance	50Ω
VSWR	≤1.5
Gain	3dBi
Beam Width	H:45; V:15
Maximum Power Rating	50W
Polarization	Vertical Polarization
PIM	<-107dBm
Operating Temperature	-20 to +60 Celsius Degrees
Wind Velocity	60(m/s)