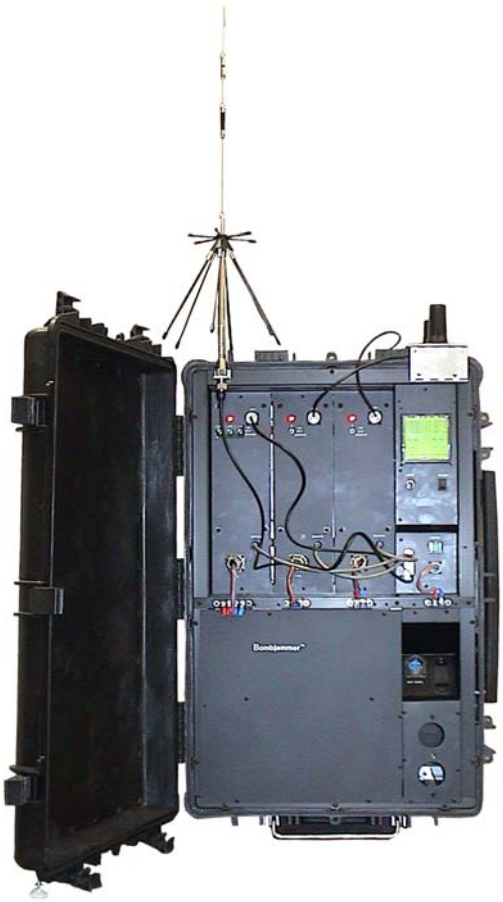
Drone CounterMeasure Solutions:
Drone Jammer Model 110 Series
Drone Jammer Model 320 Series

THE DRONE JAMMER™
Hunt & Jam Portable & Aerial Communications and Drones

DESIGNED TO PROTECT AGAINST SURVEILLANCE, ASSASSINATIONS, ROADSIDE, BORDER & CHECKPOINT BOMBINGS & OTHER TERRORIST ACTIVITIES where UAVs / SPY PLANES are used for reconnaissance or to trigger bomb attacks by remote RF detonators.

The Bombjammer™ series Drone Jammer is designed to block RF communication channels in order to interfere with a drone's radio operation.

The system can block video transmissions as well as prevent the explosion of radio-controlled improvised explosive devices that are flown in by aerial drones to be detonated by signals transmitted from wireless devices. Threats include remote controllers for a drone, cellular handsets, and other RF wireless radio instruments ; the system build will blanket an area with radio interference and neutralize radio controlled improvised explosive devices and inhibit the receptors of navigation commands, achieving a wide range of countermeasures to work against the threat of drones.



Each jammer module produces a barrage of jamming over known threat band(s) and radiates via its own separate high-efficiency antenna.

Every module contains its own Exciter(s), power amplifier with protection circuit and DC-to-DC converter which make up a system which covers the desired frequency spectrum per customer specification.

DRONE JAMMER TESTING

Prior to delivery, each Drone Jammer is subject to Acceptance Test Procedures (ATP) at our production facility and are given an operational test to comply with specific performance requirements.

Operational testing is conducted against simulated RCIED threats in order to verify that each module propagates its power output as specified, and are tested at various stages of assembly to ensure the parameters (RF output power and power spectral density of each module) conforms to HSS pass/fail limits.

*** Subject to local laws and regulations**

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HSS Development can also offer selective blocking options in all Drone Jammer countermeasure platforms.

This gives the operator the flexibility to determine which bands are to be kept open, and which bands are to be designated as threat frequency carriers and targeted for jamming.

For custom applications to block RF signals, for a demonstration, or for more information, contact HSS Development.

Technical Specification Options

Option 1.Portable Drone optimized jammer PDJ110		
Long Range UHF Remote Control	433 MHz ISM: 433.05-434.79 MHz	25W
WiFi 11, b, g	2400-2500MHz	25W
WiFi 11.a	5180-5825MHz	10W
GPS L1 & Glonass L1	1570-1620Mhz	25W
GPS L2 & Glonass L2	1220-1260MHz	25W
Total Power		110W
Power Supply	220VAC / 12VDC	
Power consumption		
Jamming Range	100-500M based on back ground signal strength<=-75dBm	
Dimension	72 x 45 x 32 cm	
Weight	30 Kg.	

Option 2. Portable High Power Drone optimized jammer PHODJ320		
Long Range UHF Remote Control	433 MHz ISM: 433.05-434.79 MHz	100W
WiFi 11, b, g	2400-2500MHz	100W
WiFi 11.a	5180-5825MHz	20W
GPS L1 & Glonass L1	1570-1620Mhz	50W
GPS L2 & Glonass L2	1220-1260MHz	50W
Total Power		320W
Power Supply	220VAC / 12VDC	
Power consumption		
Jamming Range	200-800M based on back ground signal strength<=-75dBm	
Dimension	70 x 55 x 60 cm	
Weight	60 Kg.	

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