

DroneNode

COVERT COUNTER-DRONE DEFENCE



Application

Fast Response: Instant activation. Immediately interrupts FPV transmissions back to the controller.

Non-lethal Countermeasure: Drones are forced into fail safe mode and either ground at the point of disruption or return-to-home (back to the controllers pre-designated position).

GNSS Disruption: Option to interrupt the drone's navigation capability, normally forcing it to ground in a controlled descent and landing.

Simultaneous Disruption: Ability to disrupt GNSS, 2.4GHz and 5.8GHz ISM bands.

Inconspicuous: Unassuming design ensures undue attention is not drawn to DroneNode.

Portable: Rugged carry case form factor makes DroneNode highly portable and durable. DroneNode requires minimal training.

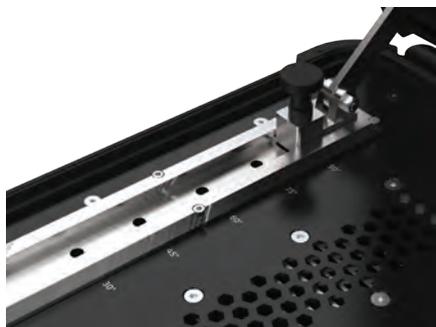
Stop the Swarm: Effective countermeasure to drone swarm attacks from multiple positions.

Disclaimer:

DroneNode has not been authorized as required by the United States Federal Communications Commission ("FCC"). This device is 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 DroneNode 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 DroneNode to certain types of users may apply in other jurisdictions, and any sales will be conducted only in compliance with the applicable laws.



Simple control panel for frequency selection, standby and activation.



Adjustment mechanism allows for the setting of antenna angle

Jammer affects only frequencies at 2.4GHz, 5.8GHz and GPS/Glonass (optionally). Emergency broadcasts, cellphone communication and other dedicated channels will not be affected.

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Specifications

Performance

Max distance: Up to 1km (0.62 mile)
Beam elevation/azimuth: 65°/65°
Effective frequencies:
2.4GHz ISM
5.8GHz ISM
GNSS L2 & L1 toggle

Power

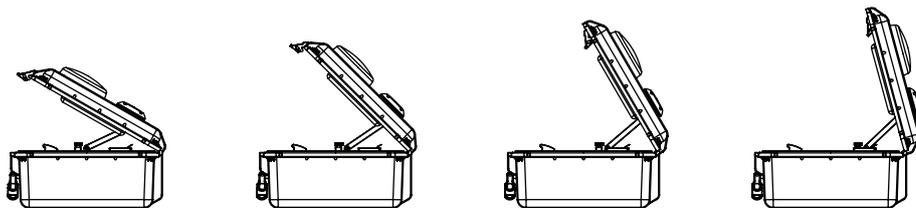
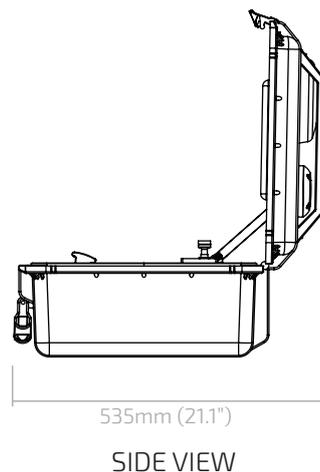
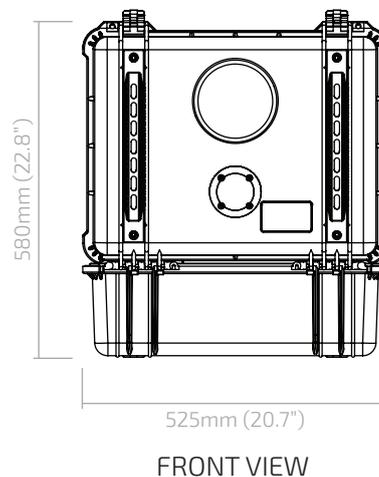
28VDC
Activation time: 2 hours (continuous)
Standby time: 48 hours
Battery: NATO Approved Rechargeable Lithium-Ion Battery

Environment and Installation

Weight: 15.7 kg (34.6 lbs) (including battery)
Designed to IP66 when closed
Operating temperature: -20°C to +60°C (-4°F to +140°F)
Security: Steel padlock eyelets
Colour: Black, Tan
Safety: Switch covers prevent accidental activation

Warranty and Shipping

12 months from date of shipment
HS Code: 8543.70.9090



5 angles of deployment



dronesshield.com