



2 August 2019

ASX RELEASE

DroneShield releases RfZero™ product

Sydney, Australia – 2 August 2019 – **DroneShield Ltd (ASX:DRO or DRO.AU)** (“DroneShield”) is pleased to release a breakthrough new product, RfZero™, following extensive development in response to end-user feedback. The product is available for purchase from today to qualified end-users.

RfZero™ is an omnidirectional drone detection device with a 1km range. It is designed to be a cost-effective fixed site alternative to DroneShield’s higher end product, RfOne™ (a 5km radiofrequency direction finder). As such, RfZero™ responds to the needs of users with more substantial budgetary constraints. As is the case with the rest of DroneShield’s fixed site product family, RfZero™ uses DroneShieldComplete™, DroneShield’s proprietary counterdrone software user interface. It is also able to integrate with the rest of the fixed site DroneShield product suite, such as DroneCannon™ for either automated or manual drone defeat, once RfZero™ detects the drone.

RfZero™ is completely non-emitting, thus allowing for a substantially larger customer universe. Given that the product thus lacks this regulatory constraint, and is marketed at a lower price point, the product is expected to be of a substantial appeal to a wide array of customers.

DroneShield’s CEO Oleg Vornik commented, “RfZero™ is expected to appeal to a wide range of users looking for a more cost effective fixed site solution, complementing our RfOne™ high performance product. Typical target customers for RfZero™ include prisons, VIPs, commercial sites, mining industry, events, and qualified corporate users, while airport and military customers generally find RfOne™ to be the more suitable offering. Following the recent releases of the pistol-shaped drone mitigation device DroneGun MKIII™ and the body-worn RfPatrol™ detection device, DroneShield is pleased to have the most extensive product offering on the market, developed based on the extensive customer feedback we received to date”.

Product overview is attached to this release.

Further Information

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About DroneShield Limited

Based in Sydney (Australia), Virginia and Washington DC (USA) and London (UK), DroneShield is a worldwide leader in drone security technology. The Company has developed pre-eminent drone security solutions that protect people, organisations and critical infrastructure from intrusion from drones. Its leadership brings world-class expertise in engineering and physics, combined with deep experience in defence, intelligence, and aerospace.

ENDS

For personal use only



RfZero

COST EFFECTIVE SECURITY

Application

RfZero is an omni-directional drone detection installation that is ideal for small to medium sized sites. With a single **RfZero**, a prison or government building is alerted to drone activity in the immediate area. **RfZero** is lightweight and cost effective with the option of either temporary or permanent installation.

RfZero can integrate with the DroneShield **Complete** GUI providing the user with live site monitoring capabilities and effective drone identification. Drone detections are securely logged for evidence collection.

The **RfZero** can integrate with on-site server or secure cloud based server for the purpose of updates and data logging. **RfZero** can also integrate with DroneShield countermeasures.



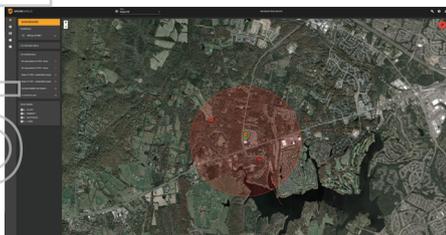
Features

Mast or tripod mountable, the **RfZero** is appropriate for temporary or permanent installation

Military grade connectors ensure uninterrupted operation

Designed to IP67, the **RfZero** is suitable for installation in harsh environments

Unit is self contained and only requires power and network connection



DroneShield Complete User Dashboard Interface



DroneShield Complete User Analytics Interface



Can integrate with on-site server or cloud sever



dronesshield.com



RfZero

COST EFFECTIVE
SECURITY

Specifications

Performance:

Range: >1km (0.62miles) Omni-directional in azimuth and elevation
Frequencies: Detects on multiple frequency bands
Non emitting device suitable for airports and RF sensitive sites
Regularly updated drone database
Multiple sensors can be networked together for greater area coverage

Output Options:

Integrates with DroneShieldComplete GUI
Can record logs with or without a network connection

Power and Communication:

12VDC - 24VDC connection (10m)
Ethernet connection (10m)
Can be powered from BB2590/BA5590 battery
Software updates can be performed remotely via secure cloud access or on-site connection

Environment and Installation:

Radome is mast/tripod mountable
Weight without packaging: 7.5kg (16.5lbs)
Designed to IP67
Operating temperature: -20°C +50°C (-4°F to +122°F)
Colours: Desert Tan, White

Maintenance:

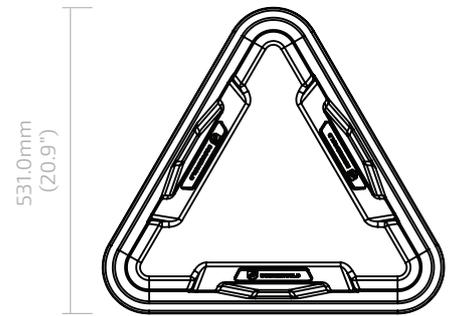
No moving parts, routine inspection only

Warranty:

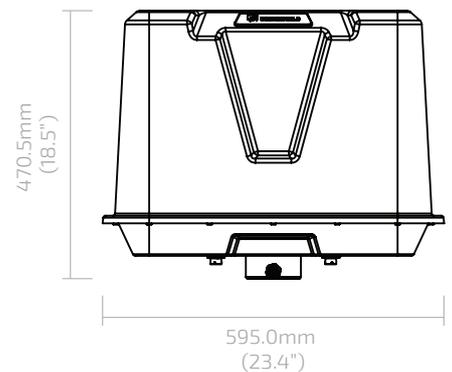
12 months from date of shipment

Shipping:

Ships in Rugged Carry Case (IP67)
HS Code: 85269130



TOP VIEW



SIDE VIEW

Carry Case Contents:

- RfZero
- Data cable
- Power cable
- Ethernet test cable
- Operation Manual