

1 May 2019

ASX RELEASE

Release of RfPatrol, First Customer Order Placed

DroneShield Ltd (ASX:DRO) ("DroneShield" or the "Company") is pleased to announce the release of body-worn drone detection product, RfPatrol™. Weighing under 1kg, the product is expected to be of significant interest to a range of DroneShield's customer base globally, across military, law enforcement, security and VIP markets. Importantly, as RfPatrol™ is a completely passive (non-emitting) product, it substantially broadens the range of customers to whom the product is lawfully available. The product was developed in response to substantial customer interest.



Image: RfPatrol™

The product summary is attached to this release.

DroneShield is also pleased to announce an immediate customer purchase order for a small quantity of RfPatrol units by the Department of Defence of a Western country. While the revenue from the order is not material, the order is for evaluation towards a potential larger purchase order.

DroneShield's CEO Oleg Vornik commented, "We are excited to launch RfPatrol. Due to its miniturised/body-worn nature, substantially larger customer universe due to its non-emitting nature, and a relatively lower price point compared to fixed site products, we expect it to have substantial appeal. In addition to being able to be used as a stand-alone, it is a perfect companion to our DroneGun™ product".

Further Information

Oleg Vornik
CEO and Managing Director
Email: oleg.vornik@dronesield.com
Tel: +61 2 9995 7280

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

RfPatrol

WEARABLE DRONE DETECTOR



Application

RfPatrol is a highly versatile, wearable drone detection device. The device offers the user real situational awareness without distraction or complex operation. RfPatrol has been designed to be highly effective for a variety of operators in a range of demanding environments.

The detection device can be worn, deployed on the ground or in a vehicle. The RfPatrol can be operated in two modes, 'Stealth' and 'Glimpse', allowing the user to control how they receive alerts.

The device is supported by 'DroneShield Link' that allows operators to keep their devices database up to date with the changing threat environment.



RfPatrol



RfPatrol supplied in rugged carry case



dronesshield.com

RfPatrol

WEARABLE DRONE DETECTOR



Features

Compact, Wearable Design

- Aluminium frame and polymer housing construction for high durability
- Environmental protection for extended use in harsh environments
- Optimised power consumption for extended operation
- Detectable MOLLE lok supplied for wearable & deployable use case

DroneShield Advanced Technology

- Integrated Software Defined Radio capability for compact application
- Detects both custom protocol and WiFi RF links
- 'DroneShield Link' - software update tool allows for capability expansion
- Future proofed hardware and software for product longevity

Optimal User Interface

- Multiple modes of operation; Stealth & Glimpse
- Stealth* - Audible feed via text to speech, Vibration
- Glimpse* - LED Visual Indicator, OLED display
- Designed for ease of operation with minimal training required

Compact Integrated Directional Antennas

- Supplied with omni-directional ISM band antenna
- No intentional RF transmissions for quiet & safe wearable operation
- Additional antenna ports available for capability expansion

Universal Design for Diverse Operational Scenarios

- Data feed output to Battle Management System (custom as required)
- Multiple power supply options for versatile operation (SWaP focus)
- Quick release & reload battery operation, NATO military grade battery
- Option to power by soldier worn body power supply



dronesshield.com

RfPatrol

WEARABLE DRONE DETECTOR



Specifications

Detection Range: >1km (0.65 miles) Line-of-Sight, Omni Directional
Unit Weight: 710g (1.5lbs)
User Feedback: Visual, Haptic, Audible
Dimensions: 201mm x 98mm x 65mm (7.9" x 3.9" x 2.5")
(excluding antenna's & attachable battery)
Technology: Software Defined Radio
Detection Time: <5 secs (known frequency)
Detects: Drone Video & Control links
Colour: Matt Black/Desert

Environment

Operating temperature: 0° to + 50° C (32°F to +122°F)
Designed to IP67

Battery Specifications (AN/PRC 152)

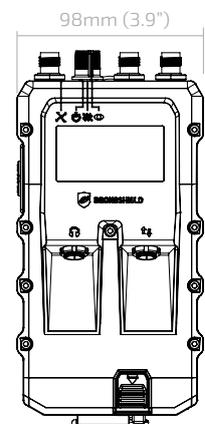
Rechargeable Lithium-Ion Battery, Quick release and reload battery
Common NATO-standard military grade battery
Battery Nominal Voltage: 10.8VDC
Battery Weight: 380g (0.83lbs)
Battery Dimensions: 71mm x 41mm x 86mm (2.8" x 1.6" x 3.4")
Operating Time: 10 hrs+ (continuous operation)
Pass through charger available for extended use
Operating temperature: -30°C to +60°C (-22°F to +140°F)

Warranty

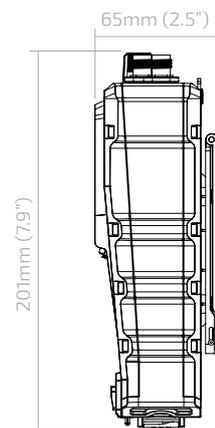
12 months from date of shipment

Shipping

Ships in a Rugged Carry Case (IP67)
Carry Case Dimensions: 525mm x 430mm x 215mm (20.6" x 16.9" x 8.4")
HS Code: 85269130



FRONT VIEW



SIDE VIEW

Carry Case Contents:

- RfPatrol Device
- 1 x BT-70716BG Battery
- Battery Charger (PT)
- ISM Band Omni Antenna
- Custom Carry Case
- Operation Manual
- MOLLE Loc System
- Update Cable (7 pin to RJ45)
- RJ45 to USB Converter



dronesield.com