



FUTURE



RF-PATROL XK2

TECHNOLOGY

ADVANCED MULTI-MISSION DETECTION



Introduction

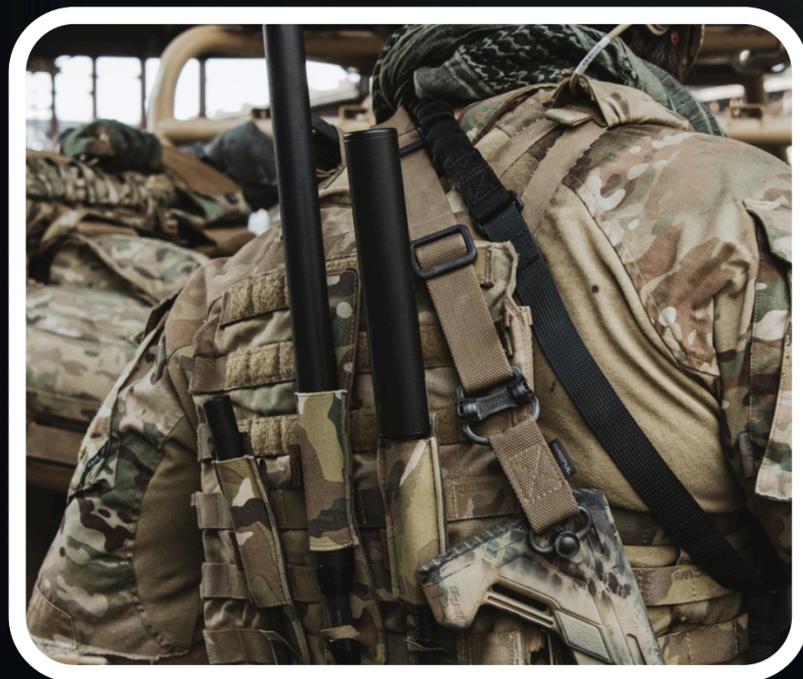
Rf-Patrol Xk2

RfPatrol Xk2 is a highly versatile, completely passive, non-emitting wearable UAS detection device. The device offers the user real-time situational awareness without distraction or complex operation. It has been designed to be highly effective for a variety of operators in a range of demanding environments. The RfPatrol device automatically detects the presence of nearby drones moving at any speed and in any direction.

The RfPatrol can be operated in 'Stealth' or 'Glimpse' mode, allowing the user to control how they receive alerts. The device is supported by easy-to-install, remote updates that provide the latest features and an up-to-date drone database for the changing threat environment.



Features



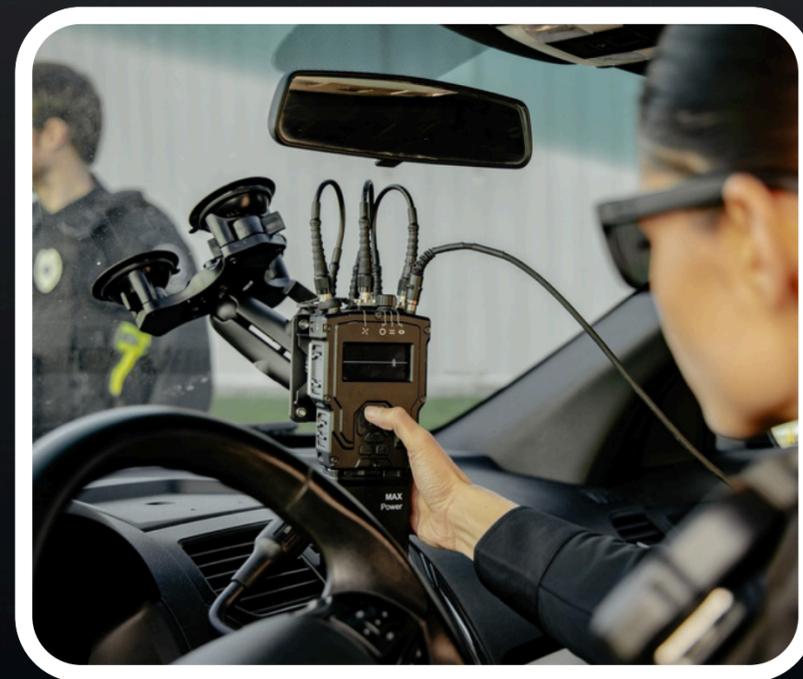
Wearable Detection

Integrated Software Defined Radio (SDR) capability gives a compact form factor which detects custom protocols and Wi-Fi RF links



Robust Design

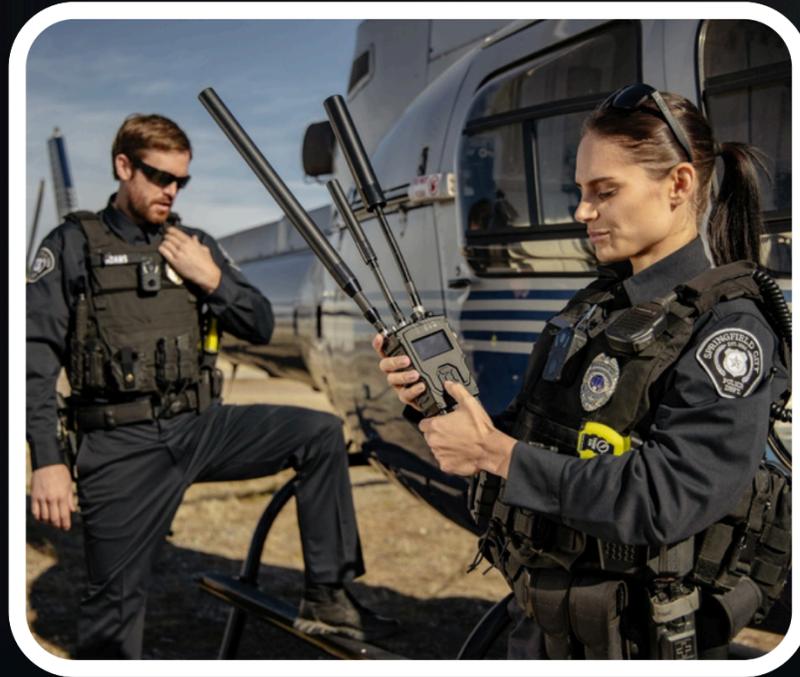
Housing constructed from aluminum for increased durability. Environmental protection allows extended use in harsh environments



Operationally Effective

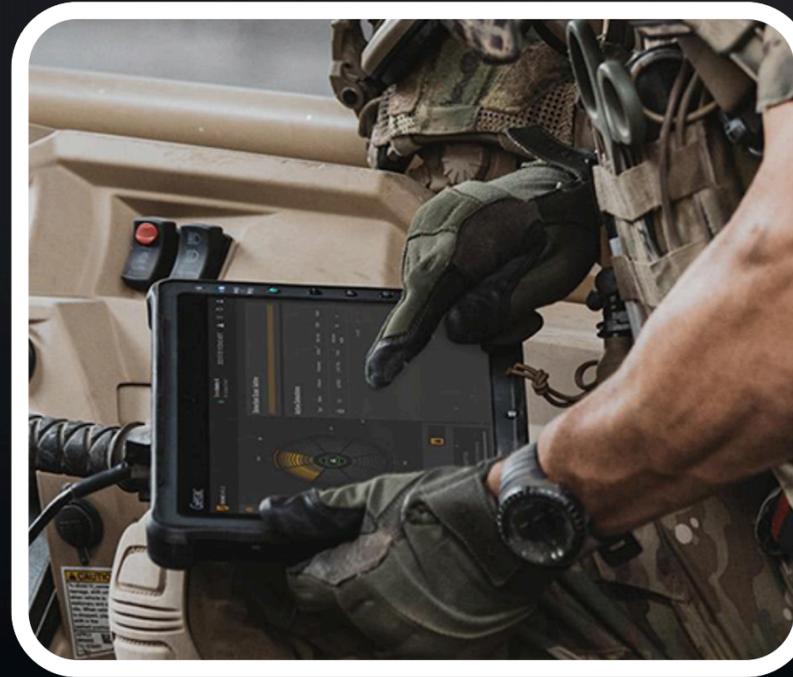
Optimized power consumption for extended operation. Quick-release and reload battery operation, NATO military-grade battery

Features



Modular Directional Antennas

Supplied with omni-directional antenna covering ISM bands and other commonly used control frequencies. Antenna selection allows for mission configuration and capability expansion kits



Device Manager UI

Device Manager software allows for remote monitoring, forensic logging, and easy updates to expand capabilities



Operationally Effective

Supports integration and existing management systems via API (available through JSON and gRPC), utilizing Nett Warrior-compliant hardware

Advantages

Effective Coverage

- 360° detection of a wide variety of UAS and remote controllers

Passive Device

- No unintentional RF transmission, ensuring quiet and safe wearable operation

Broad Spectrum Detection

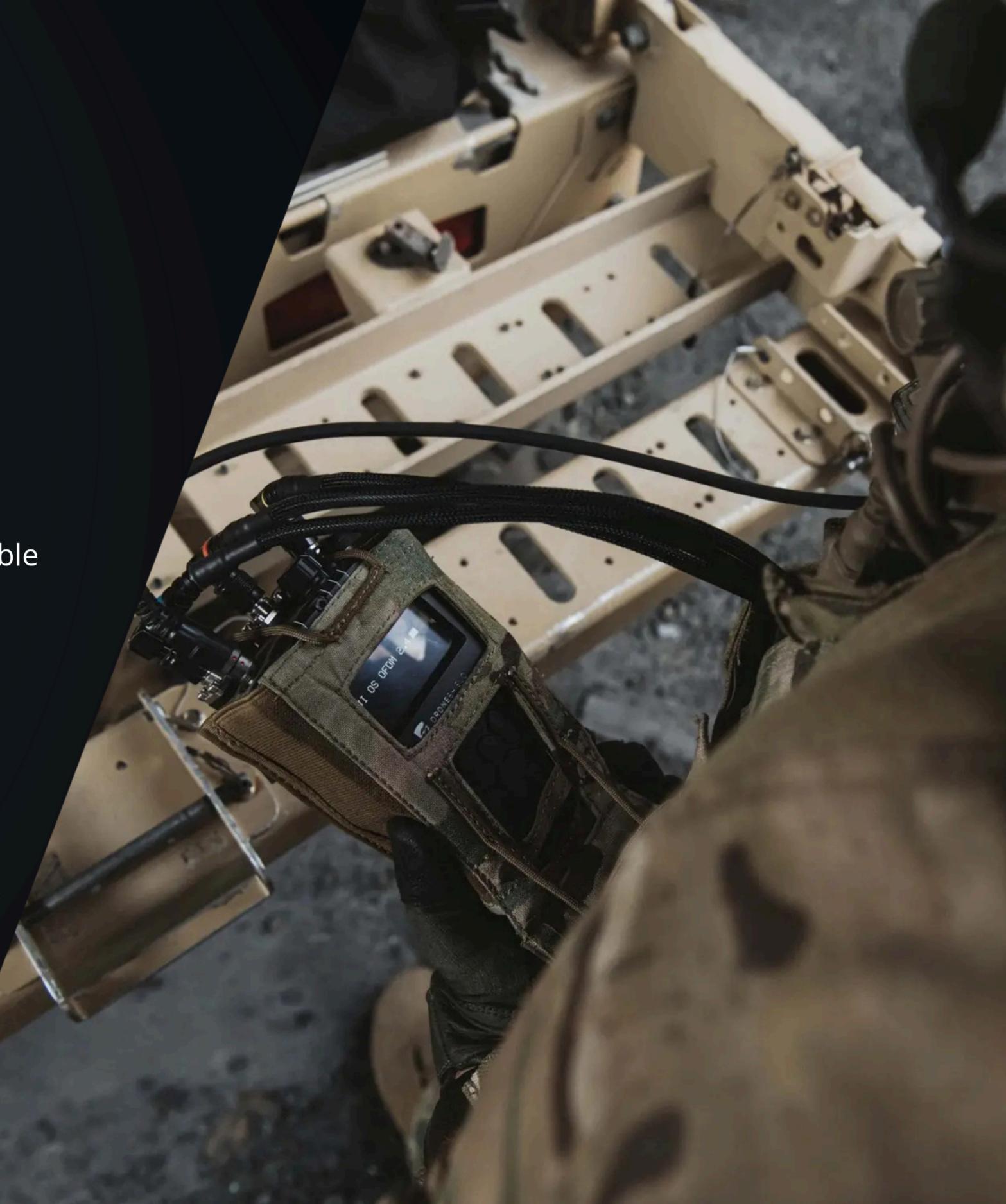
- Interchangeable antennas provide large blocks of continuous coverage across the Radio Frequency spectrum

DroneShield Advanced Technology

- Device powered by DroneShield's latest SDR scanning technology

Bigger Picture

- Data feed output to Battle Management System (custom as required)



Specifications



RfPatrol

Unit Weight

800g / 1.76lbs

User Feedback

Visual, haptic, audible

Dimensions

157 x 92 x 51mm / 6.2" x 3.6" x 2"

(excluding antennas & attachable battery)

Battery & Power

Features

Rechargeable lithium-ion battery, quick release and reload

Compliance

NATO-standard military grade 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

Up to 10 hrs (continuous operation)

Specifications



Environment

Operating Temperature

-32° to +60° C / -25.6°F to +140°F

Ingress Protection

Rated to IP67

Shipping

Packaging

Ships in a rugged carry case (IP67)

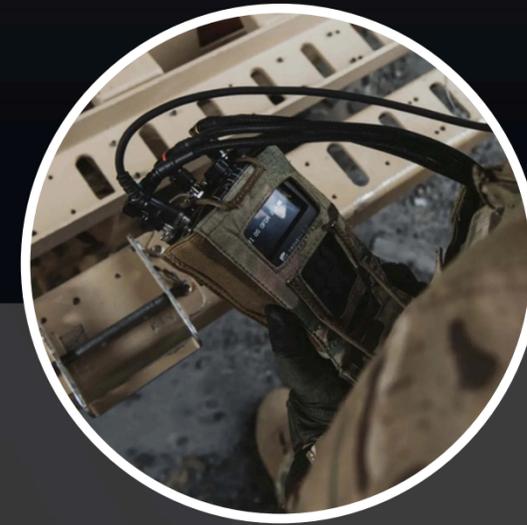
Carry Case Dimensions

590mm x 220mm x 380mm / 23.2" x 8.7" x 15"

Total Shipped Weight

12.0kg / 26.46lbs (including carry case)

Thank You



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