RfZero

Application

Rf**Zero** is an omni-directional drone detection installation that is ideal for maritime vessels. With a single Rf**Zero**, a vessel is alerted to drone activity in the immediate area. Rf**Zero** is a low impact, lightweight and cost effective solution. Ideal for temporary or permanent installation.

Rf**Zero** can integrate with the DroneShield**Complete (GUI)** providing the user with live vessel monitoring capabilities and effective drone identification. Drone detections are logged for evidence collection.

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

Features

Mounting: The RfZero suits a range of temporary and permanent installation methods, including mast and tripod mounting.

Self Contained: The device is self contained and only requires power to log detection information. Network connection allows the device to push data to the cloud or client network.

Durable Construction: Designed for installation in harsh environments, including sea spray.

Colour Options

Tan	White

Case Contents:
RfZero Device
15m Data Cable
15m Power Cable
Mounting Hardware
Power Supply
User Manual

DroneShieldComplete User Dashboard Interface

DroneShieldComplete User Analytics interface

DRONESHIELD

droneshield.com

RfZero

Specifications

Performance:
Range: >1km (0.62miles) Omni-directional in azimuth and elevation
Frequencies: Detects on multiple frequency bands
Non emitting (passive) device suitable for RF sensitive vessels
Regularly updated drone database

Output Options:
Integrates with DroneShieldComplete GUI
Can record logs with or without a network connection
Onboard GPS - device records its geographical position
RTC - onboard Real Time Clock for data logging

Power and Communication:
12VDC - 24VDC connection (15m)
Ethernet connection (15m)
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)

472mm (18.6")

TOP

401mm (15.8")

495mm (19.4")

FRONT

Mounting Pole Diameter

89mm (3.5")

50mm (2.0")

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