

AeroDefense Announces Remote ID Integration for Existing Drone Detection Systems and Low-Cost Remote ID Receiver

AeroDefense's Full Suite of AirWarden Fixed and Mobile Solutions Address Varying Threat Levels

OCEANPORT, NEW JERSEY, UNITED STATES, April 20, 2023

[/EINPresswire.com/](#) -- [AeroDefense](#) today announced Remote ID integration for its existing AirWarden™ drone and pilot detection system as well as a new product - the [AirWarden Remote ID Receiver](#): a low-cost, low-profile Remote ID broadcast receiver.

The Federal Aviation Administration's Remote ID rule requires drones in flight to broadcast identification and location information that can be received by anyone. All newly manufactured drones must broadcast now, and existing drones must broadcast by September 2023.

AeroDefense, a member of the Smart Airport and Aviation Partnership's (SAAP) first flightPlan Aviation Accelerator cohort, developed the AirWarden Remote ID Receiver in part from a research grant awarded by the SAAP with the Atlantic County Economic Alliance. "AeroDefense embraced the collaboration and innovation opportunities that SAAP offers, and we hope to see many more cohort graduates achieve the same success." said Carole Mattesich, Program Director.

The entry-level AirWarden Remote ID Receiver receives Remote ID broadcasts and the AirWarden Command Console notifies the end user when a Remote ID compliant drone has breached their airspace. The most critical information like drone type, speed, and drone/pilot location is provided in real time while all other Remote ID information captured during detection can be reviewed on-demand.



AirWarden Remote ID Receiver

Organizations with multiple sites to protect can monitor all their locations from a single screen and receive visual alerts when a location experiences a drone incident in their specific area of interest.

“The innovative AirWarden Remote ID Receiver not only receives Remote ID broadcasts but also detects WiFi drones publicly transmitting,” said Linda Ziembra, AeroDefense Founder and CEO. “The affordable receiver makes drone detection realistic for critical locations such as our nation's schools that are unbelievably vulnerable to violence. Security operations centers can monitor multiple locations and dispatch emergency response vehicles equipped with more powerful AirWarden sensors to detect and track drones that are not transmitting and can connect to AirWarden Remote ID Receivers when needed.”

Nefarious actors may spoof the Remote ID signature, disable the broadcast module, or fly a homemade device. Organizations with a high drone threat level and low risk tolerance require a solution that receives Remote ID broadcasts and also detects non-broadcasting drones regardless of their make/model.

AeroDefense's AirWarden [full suite](#) of fixed and mobile drone detection solutions for varying threat and risk levels includes:

AirWarden Remote ID Receiver

- Receives Remote ID drone broadcasts and detects WiFi drone public broadcasts
- Can be used alone or with AirWarden Sensors when detection of non-broadcasting drones is needed

AirWarden Sensor (Fixed or Mobile)

- Receives Remote ID drone broadcasts and detects non-broadcasting drones by spectrum sensing without reliance on a product library
- Can be used alone or as part of a network for wider geographic coverage and for those who want location information for non-broadcasting drones

AirWarden Direction Finder Module

- Enhances single sensor deployments to locate non-broadcasting drone and pilot signals
- Enhances location accuracy for select network deployments

The AirWarden Direction Finder Module will enter the beta testing phase in Q3 2023. To participate in beta testing or to inquire about AeroDefense's suite of fixed and mobile products, please email sales@aerodefense.tech or call 732-284-3853.

About AeroDefense: AeroDefense offers fixed and mobile drone detection solutions for stadiums, airports, correctional facilities, military forces, and other critical infrastructure. AeroDefense's patented Radio Frequency (RF)-based drone detection system, AirWarden™, detects, classifies, locates, and tracks both drone and pilot simultaneously, providing actionable

intelligence to respond effectively (and safely) to drone threats. Because AirWarden passively detects drone signals via RF spectrum sensing, it recognizes devices it has not seen before, unlike systems reliant on signature databases, and does not violate federal criminal surveillance laws. Based in Oceanport, NJ, AeroDefense is a privately held company with all engineering, manufacturing, and support based in the US. To learn more about AeroDefense and AirWarden, please visit www.AeroDefense.tech.

Lexi Rinaudo

AeroDefense

+1 225-270-1347

lexi.rinaudo@aerodefense.tech

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

[YouTube](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/629038050>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.