

# Military Protection



In today's combat environment, the battle space is ever-changing, relying more on technological might than physical force.

## SpotterRF's Compact Surveillance Radar

24/7 ISR Wide Area Detection Sensor with Small Form Factor

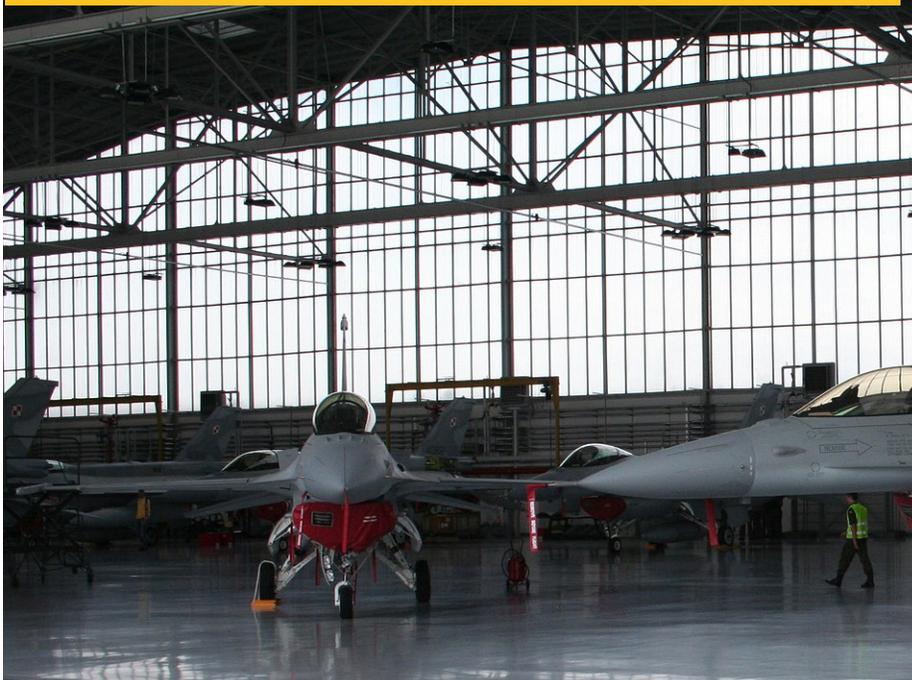
- **Light weight radar** : Backpack set up **portable** and **mounts** to either a vehicle, surveillance tower, or tripod
- **Airborne drone and ground target** detection vehicles and people walking or crawling **all weather conditions**
- **Easy to deploy & cost-effective**

FOR MORE INFORMATION, CONTACT:  
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Protection Beyond Fences

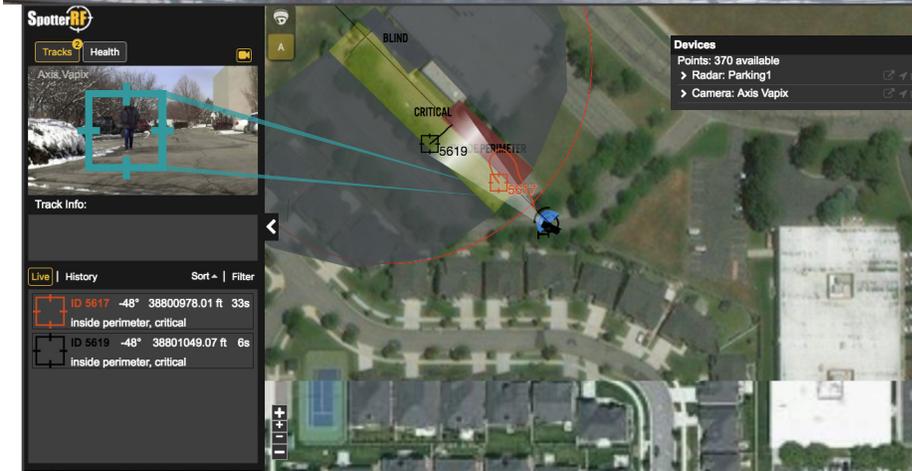


# Fixed Solutions



*"SpotterRF provides a unique radar motion detection ability in a small, cost effective package that will be of great benefit to the government, military, and industrial security markets."*

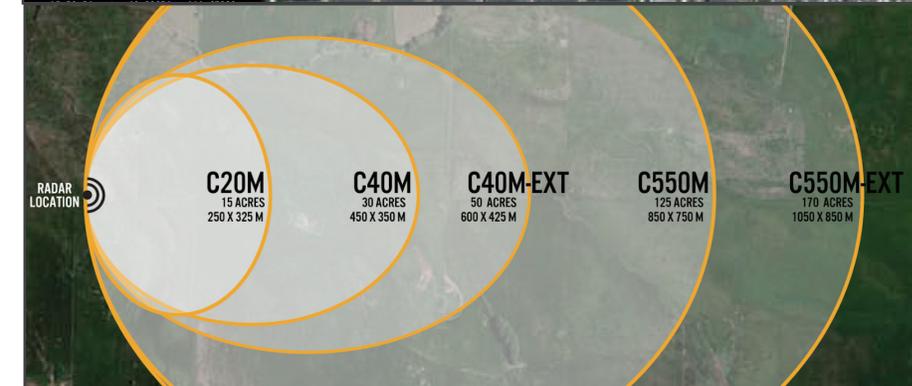
-William Strecker, CTO of IQT



## C Series Radars

Designed to be functional immediately upon setup in any fixed base solution.

- Their light weight 3.5 lbs and size smaller than a letter size paper. The radar can be deployed either a vehicle, surveillance tower, or tripod.
- The power consumption is low from 8w-24w depending which model.
- The C Series coverage range 15-170 acres, and using C550M model is 225 times more continuous coverage areas than infrared camera with similar range.



## Mobile Solutions

### SS-MOBILE-FLEX

Designed to be adaptable to almost any environment and small enough to fit in a backpack. Easily deploys where no power or LAN is available and provides rapid 180° perimeter protection. No tools required, sets up in minutes.



### SS-MOBILE-XL

Designed for mobile anti-drone applications and can be used in combination with ground radar to provide protection against air and surface threats. Can be equipped with a dual head camera for increased situational awareness up to 360°. Deployed in less than 10 minutes.



### LTATV MOUNTED

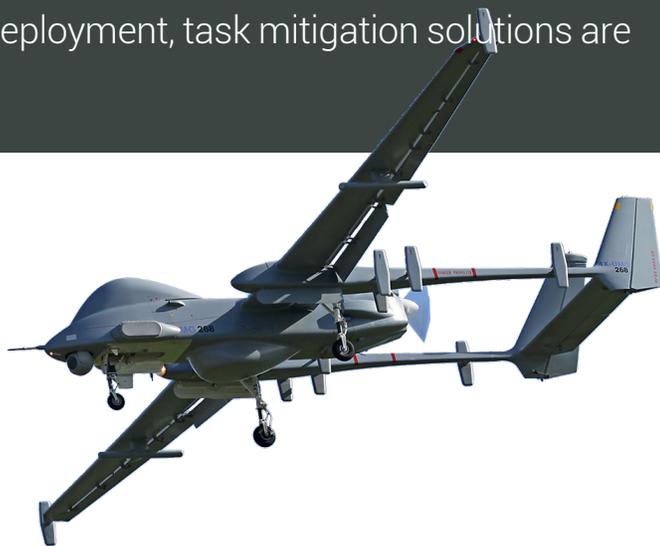
Designed to be functional immediately upon setup of campout or roadblock. The radar provides any vital information for the safety and efficiency of the squad and its objectives.



## 3D-500 Dome Counter UAS Solutions



Providing a full hemispherical detection area, this revolutionary radar's radius ranges from 250m to 500m. Using Advanced Detection and Classification algorithms and the same NIO interface and camera integration as all the other radars, the camera is automatically, yet expertly, cued to up to 30 drones. With such rapid deployment, task mitigation solutions are widely available.



Utilizes Smart Filters for automatic detection of sUAS (small drones) with 3D tracking and autonomous camera control to the target, in real time, for rapid threat assessment. Provides enhanced situational awareness and reduces manpower and cost to protect our forces from aerial threats. Also controls directional kinetic/RF mitigation solutions for denial/defeat without operator interaction. This solution creates a feasible autonomous security measure against undesired aerial presence.

# Counter UAS Solutions



Using Advanced Detection and Classification algorithms, detecting small drones ranges from 200m to 1,000m while immediately cueing cameras to the threat. Using Web based UI (NIO) and video analytics, tighter focus is achieved and false alarms are left almost non-existent.



## Saving Time, Money, and Resources

SpotterRF has been used for protecting critical sites and infrastructure. Our open design allows for seamless integration to all existing platforms and surveillance equipment allowing for armed forces to spend less time, money, and resources.



Quick setup time & install



Configuration on all platforms



24/7 Weather Surveillance



Low maintenance & cost



Offer turnkey solution



Classify targets

# Military Protection



*"Since we can make SpotterRF radar operational from pack to track in just a few minutes, we minimize the time our troops are at greatest risk. This ultimately saves lives."*

-Paul Diamond, Sgt. 1st Class, Camp Williams

## Existing SpotterRF Government/Military Applications

<b>ACCESS CONTROLLED SENSITIVE SITES</b>	Reduce the need for manpower and resources by automatically cueing the camera to an alert, enhancing effectivity of security personnel and giving them increased situational awareness.
<b>CBRN STORAGE SITES</b>	Enhance visual on suspicious activity both on the ground and in the air, in or outside the perimeter. Increased intelligence helps identify and treat impending intrusions by cueing the camera to targets inside zones of higher importance.
<b>AIRFIELD SURVEILLANCE</b>	Allow for detection ability to never takes breaks and always be more successful than a greater quantity of cameras. Generate immediate alerts and visual when animals, people, or other vehicles/aircraft are on the runway.
<b>EXPEDITIONARY UNITS AND FORCE PROTECTION OCONUS</b>	Provide 360 degrees of situational awareness for optimal ground and aerial coverage, giving advanced detection and visual on any potential threat. The quick setup and takedown of the radars and kits provide rapid mobility of the unit.
<b>C4ISR</b>	Provides maximum information and data on unknown targets delivering the situational expertise to help allow the optimal actions to take place and best decisions to be made.
<b>LTATV MOUNTED</b>	When camped out or as a roadblock, the radar provides vital information for the safety and efficiency of the squad and its objectives.
<b>COUNTER UAS</b>	Creates a virtual aerial fence or hemisphere around any needed perimeter or critical site. Using a jammer, the pilot of the drone can then be located and the threat resolved.

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