

Fortem DroneHunter™

Autonomous airborne counter-UAS system



MODERN AIR DEFENSE

Safe Drone Mitigation In All Environments

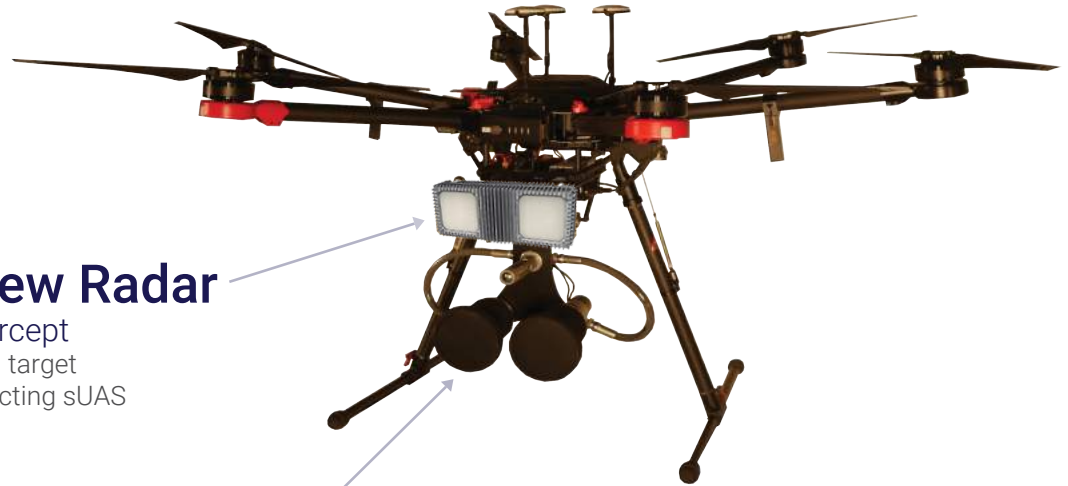
- Effective day & night, as well as in fog, smoke, and clouds
- Stops threats at a safe distance from the protected location
- Effective where electronic defense fails; cannot be compromised by encryption or inertial guidance
- Full autonomy with optional human approval and override capability

Fortem DroneHunter™ is a fully autonomous modern air defense solution. Equipped with TrueView radar, DroneHunter™ includes specialized guidance systems, and an open command and control system to autonomously pursue unwanted drones in the sky. The system detects, classifies, visually identifies via communication link, and safely captures the intruder drones at a safe distance from the protected area.

DroneHunter™ is the world's first counter-UAS system that uses an innovative radar system to protect an area day and night from nefarious air threats.

The DroneHunter™ solution notifies authorized personnel in real time of all potential airborne threats. The ground station allows for monitoring and intervention with multiple optional overrides and approvals as required by each deployment.

Components of the DroneHunter™ System



Fortem TrueView Radar

Detect, Classify, and Intercept

- Radar seeker for tracking target
- 500 meter range for detecting sUAS
- 120° x 40° FOV

Fortem Airborne Net Gun

Safely Captures Drone With No Collateral Damage

- High-powered net launcher at 80 mph
- Able to effectively hit a target up to 25 ft. away
- Net has 8 ft. radius for easy capture
- Delivers captures drone by tether or parachute
- Multi-shot net gun with optional human intervention and approvals and fail-safe trigger that can be activated autonomously or remotely

UAV

- Unmanned aircraft with onboard autopilot and navigation system, and optional 4K camera
- Multiple platforms available ranging in speed and endurance
- Small UAV weighs only 16 lbs. and is compact for easy transportation
- Various tow levels available depending on UAV platform



Fortem Ground Station

Command and Control Center

- Offers remote situational awareness of multiple threats in the air
- Enables optional operator intervention
- Integrated with ground-based radarm airborne radar, and other sensors with first person view from onboard selected DroneHunter™



Integrates with

Fortem Long-Range Radar

Various Ground-Based Radar Options

- Stationary or mobile
- Detects objects miles from protected area
- 360° hemisphere coverage / Elevation 120°
- Onboard communication link to ground station to cue DroneHunter™