



# DroneHunter®

The Premier AI-enabled, Autonomous Drone Interceptor in the World

## Providing Eyes in the Sky

Custom built for speed and agility, DroneHunter is the ultimate drone interceptor technology, effective day and night with over 4,000 real-world kills. DroneHunter's deep integration with onboard Fortem TrueView® radar makes autonomous detect, pursuit, and capture of rogue drones a reality. Built with safety at its core, DroneHunter captures and tows away these dangerous or malicious drones for forensic analysis.

DroneHunter is a valuable addition to the Fortem SkyDome® system that provides total airspace awareness, security and defense over venues, infrastructure, cities and regions. SkyDome can autonomously cue multiple DroneHunters simultaneously. It also provides manual intervention override options as needed to meet situational requirements. The DroneHunter system can be adapted to function on any drone platform and has a flexible, customizable uncarriage that adapts to different countermeasures.

## Why DroneHunter?

- Effective day or night, in all conditions including smoke, clouds, rain, snow and fog
- Countermeasures delivered to the threat's location
- Tracks, pursues, videos, and captures threats (including waypoint-directed, non-RF-emitting drones)
- Fully autonomous pursue and defeat operation with optional operator intervention/override
- Delivers rogue drones to a secured area for forensic analysis
- Stops threats at a safe distance from the protected location
- Force multiplier extends the reach of security personnel
- Keeps personnel safe while providing situational awareness in dangerous areas
- Extends and networks airborne radar and optics with the SkyDome system
- Customizable platform for different countermeasures
- Designed and manufactured in the USA



# Components of the DroneHunter System



## Integrated With Multiple Drone Platforms

High-strength, lightweight airframe with responsive motors and propellers
Brushless high torque motors
Weather-hardened construction
Fortem autonomous flight and targeting computer
Flight time: configurable
Mission range: configurable
Communications link options: Range 5km (3mi) or configurable to greater distances
Temperature: -10°C to 55°C (14°F to 131°F)
Non-COTS, DoD Compliant
Payload: customizable
Capture speed: varies by drone platform

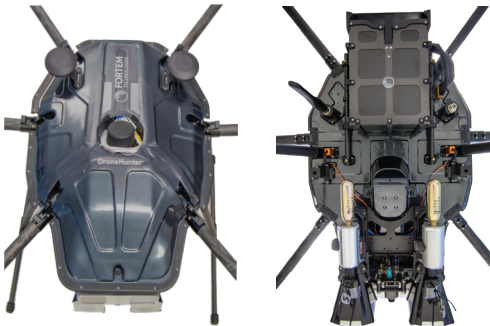
## Airborne TrueView Radar: Detects and Tracks in All Conditions

Long distance detection for small drones
±2° azimuth and elevation accuracy
Integrated INS/GPS for high accuracy
Scans and patrols airspace autonomously for rogue drones
Day and night operation
Onboard radar networks with ground radar



Top

Bottom



## Fortem NetGun™ and Other Countermeasures

Safely captures intruder drones with no collateral damage
AI-optimized for autonomous net launch timing and capture range
High capture rate with auto-reacquire/capture
Tether target tow-away and non-tether net options
Electronic tether release for secondary target acquire and drop zones
NetHeads and other countermeasures can be reloaded in seconds
AI algorithms adjust for wind, speed, altitude
Customizable countermeasures and payloads available

## SkyDome Sends Position Cues to DroneHunter and Other Sensors

Detects intruders miles from protected area and cues DroneHunter
Provides networked radar and optics for a hemisphere of 3D coverage in any terrain and environment
Manages fly/no-fly zones and associates rules, notifications and alerts
Launches and coordinates multiple DroneHunters at once



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