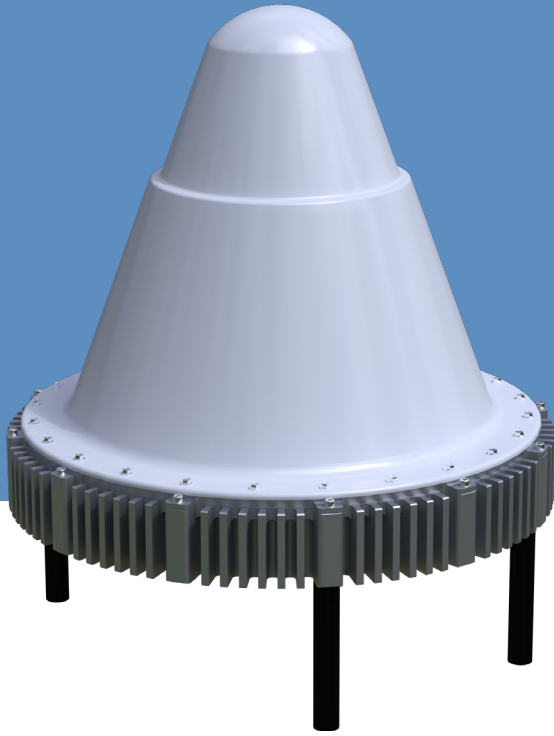


# GROUNDWARE®

## GA3360

# MID-RANGE DRONE DETECTION RADAR



**GroundAware® GA3360 radar** introduces a new caliber of mid-range 3D ground and drone surveillance capabilities that make GA3360 the optimal solution for detecting, tracking, and responding to threats on the ground and in low-altitude airspace simultaneously. GA3360 enables detecting, tracking, classifying, and responding to threats caused by humans, animals, ground vehicles, aircraft, and even Class 1 and Class 2 drones.

### DISTINGUISHING GROUND AND AIR TARGETS

GA3360 measures elevations of targets, which means the system can differentiate targets at height above ground level from targets on the ground. This enables the system to alarm only on targets of concern. This ability to measure elevation also means that GA3360 users can monitor low-altitude airspace for drones, then slew cameras to those real or potential threats for visual verification and other actions. And because GA3360 simultaneously tracks air and ground targets, the system can also track humans controlling drones in support of interdiction and investigation.

### Hemispheric coverage for:

- Airports
- Military Bases
- Prisons
- Utilities
- Ports
- Sporting Venues
- Entertainment Venues
- Manufacturing
- Transportation
- Data Centers

### OVERALL SPECIFICATIONS

- Architecture: simultaneous multi-beam
- Processing type: pulsed doppler
- Frequency band: S (3.156 to 3.25 GHz)
- Range resolution: 10 or 20 m (adjustable)
- Selectable frequency sub-bands: 10
- Weight: <40 lbs.
- Field of view: 360°
- Hemispheric: 100° elevation

### PERFORMANCE SPECIFICATIONS

- Instrumented range: 10 m to 5 km
- Walker detection range: 2 km
- Vehicle detection range: 3 km
- Drone detection range: 1.5 km
- Aircraft detection range: 3 km
- Minimum detectable velocity: 0.5 m/sec
- Power usage: <100 W
- Software-defined update rate: 4 Hz
- Coverage: 360°; 100° elevation
- Temperature: -20°C to +50°C / -4°F to +122°F
- Heating/cooling: passive

*Specifications above are preliminary and subject to change.*



OBSERVATION  
WITHOUT  
LIMITS

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