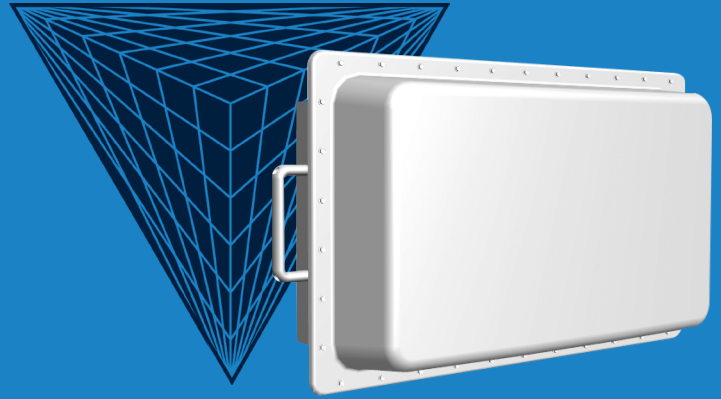


GROUNDWARE® GA9000



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: <100 lbs. per face
- Dimensions: 36" x 22" x 9"
- Field of view/elevation: 360° / 20°
- ADDED FEATURES: email/SMS text alerts; user-defined alarm and ignore zones; web, iOS/Android-compatible interface; wired or wireless data connectivity

PERFORMANCE SPECIFICATIONS

- Instrumented range: 100 m to 15 km
- Walker detection range: 8 km
- Vehicle detection range: 13 km
- Drone detection range: 5 km
- Aircraft detection range: 15 km
- Minimum detectable velocity: 0.5 m/sec
- Power usage: <500 W per face @ 90-250 Vac
- Software-defined update rate: 4 Hz
- Coverage: 120° per face / 20° azimuth
- Temperature: -20°C to +50°C / -4°F to +122°F
- Heating/cooling: passive

NEW CALIBER OF GROUND & LOW-ALTITUDE SURVEILLANCE

The GroundAware® GA9000 Series of Surveillance Sensor and Information System introduces a new caliber of 3D ground surveillance capabilities that make GA9000 the optimal solution for detecting, tracking, and responding to threats on the ground and in low-altitude airspace.

GA9000 offers long-range power for detecting, tracking, classifying, and responding to threats caused by humans, animals, ground vehicles, aircraft, and even Class 1 and Class 2 drones. The result is that GA9000 users gain as much notice and response time as possible.

DISTINGUISHING GROUND AND AIR TARGETS

Going beyond most current ground surveillance radar systems, GA9000 also measures the elevations of 2D tracks of targets, which means the system can differentiate targets at height above ground level from targets on the ground to enable the system to alarm only on targets of concern. This ability to measure elevation also means that GA9000 can direct accurate, long-range camera-pointing to enhance situational awareness. With GA9000, users can monitor their low-altitude airspace for drones, then slew cameras to those real or potential threats for visual verification and other responsive actions. And because GA9000 simultaneously tracks air and ground targets, the system can also track humans controlling drones in support of interdiction and investigation of such events.

KNOW & RESPOND IN REAL-TIME.

GA9000 offers a comprehensive, event-based security approach that monitors critical areas 24/7, in real-time, and in all-weather. GroundAware's customizable surveillance sensor and information platform allows users to detect and track intrusion events as they occur. Users are then given instantaneous next steps for verification, deterrence, and interdiction of intruders.

MAXIMUM COVERAGE. MINIMAL INVESTMENT.

GA9000 allows users to cover 120°, 240°, and 360° fields of view — detecting, tracking, and responding to intruders out to 15 km, including Class 1 and Class drones at 5 km range. The system also operates over users' own wireless networks, which is an economical choice not offered by most surveillance solutions.

OUT-OF-THE-BOX RESULTS.

GA9000 comes ready to deliver full capability for detection, tracking, classification of targets, geofencing, automatic notifications, and integration with cameras and various security information management systems.



OBSERVATION
WITHOUT
LIMITS

888.297.9559

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