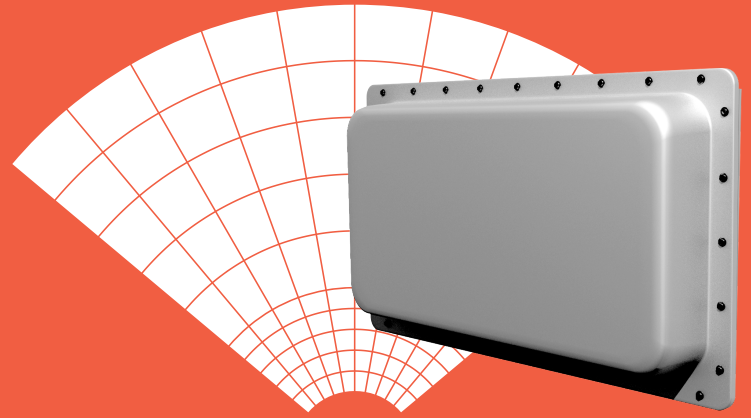# GROUNDAWARE®
GA4000 Series

OVERALL SPECIFICATIONS

- Architecture: simultaneous multiple beams

- Processing type: pulsed doppler

- Frequency band: S (3.156 to 3.25 GHz)

- Range resolution: 5 or 10 m (adjustable)

- Selectable frequency sub-bands: 10

- Weight: <50 lbs.

- Dimensions: 29.8" x 17.3" x 6.5"

- 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 3.75 km

- Walker detection range: 2 km

- Vehicle detection range: 3 km

- Drone detection range: 1 km

- Power: <70 W @ 48 Vdc

- Coverage: 120° per face / 20° azimuth

- Temperature: −50°C to +65°C / −58°F to +149°F

- Heating/cooling: passive

GroundAware® GA4000 Series of Surveillance Sensor Systems enables automated real-time monitoring of and response to physical security threats at critical sites. Out of the box, GA4000 systems offer:

New digital multi-beamforming radar system for detecting and tracking intrusions as they happen (not just after the fact) – without false alarms on an automated, all-weather, and 24/7 basis

120°, 240°, and 360° field of view and 4 km range for coverage of thousands of acres – saving cost and extending response times

Target classification indicating target is human, animal, ground vehicle, or aircraft (drones, too) for focus on real threats

Alarm zones customizable for focus on areas of concern and automatic triggering of deterrent and responsive actions

"Plug and play" integration with cameras and systems for video management, physical security management, access control, etc.

Fusion of radar, video, and other data into a single, easy-to-use web interface

Full one-year warranty with 72-hour replacement in continental U.S. and extended warranty options; no service fee

120°, 240°, and 360° coverage for:

- Substations
- Warehouses
- Farms
- Mines
- School or Corporate Campuses
- Data Centers

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