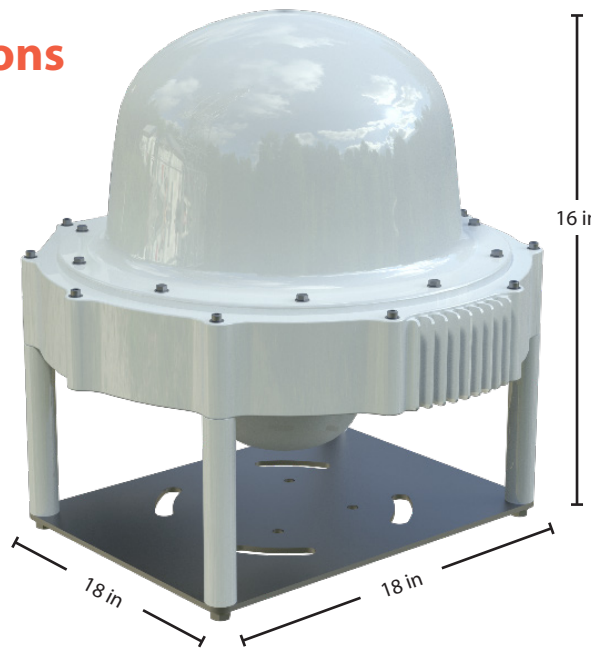




Product Specifications

GroundAware GA1360

is a ground surveillance sensor built around Dynetics Pulsed Doppler radar technology. GA1360 delivers a new level of 360° situation awareness for critical infrastructure security applications. This new product automates real-time detection, tracking, and response to intruders within 360° field of view, 1 km range, and 40° elevation. This results in coverage of more than 750 acres with a single sensor.



Applications

- GA1360 can be used in stationary and mobile applications, including:
- Perimeter intrusion detection
 - Border security
 - Remote area surveillance
 - Smart gates
 - Asset tracking

Overall specifications

- Architecture: simultaneous multiple beams
- Processing type: Pulsed Doppler
- Frequency band: S (3.156–3.25 GHz)
- Range resolution: 5 or 10 m (adjustable)
- Selectable frequency sub-bands: 10
- Web-based, iOS/Android-compatible
- Weight: <25 lbs.
- Dimensions: 18" x 18" x 16"
- Head to Server Bandwidth (maximum, sustained): 60 Mbps
- Server to End User Bandwidth (Peak): < 5 Mbps

Performance specifications

- Instrumented range: 10 m to 1 km
- Walker detection range: 500 m
- Vehicle detection range: 1 km
- Drone detection range: 250 m
- Power: <40W @ 48VDC
- Coverage: 360° per face / 40° azimuth
- Temperature: -55C to +65C / -67F to +149F
- Heating/cooling: passive