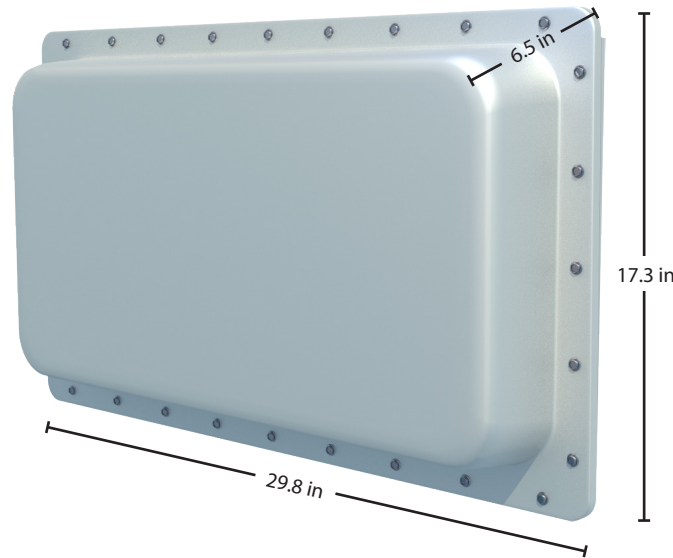




## Product Specifications

### GroundAware GA4120

is a ground surveillance sensor built around Dynetics Pulsed Doppler radar technology. GA4120 delivers a new level of 120° situation awareness for critical infrastructure security applications. This new product automates real-time detection, tracking, and response to intruders within 120° field of view, 4 km range, and 20° elevation. This results in coverage of more than 2,000 acres with a single sensor.



### Applications

GA4120 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: <50 lbs.
- Dimensions: 29.8" x 17.3" x 6.5"

### 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: <70W @ 48VDC
- Coverage: 120° per face / 20° azimuth
- Temperature: -50C to +65C / -58F to +149F
- Heating/cooling: passive