OWL GroundAware GA4120 2D digital multibeamforming radar system combines advanced digital beamforming radar technology, classification intelligence, reconfigurability, and easy integration with other security systems to bring real-time, all-weather situational awareness for the physical security of perimeters and other sensitive areas of critical sites.

As the foundation for event-based layered security, GA4120 enables automated detection, tracking, deterrence, and response to intrusions within 4 km and 120° field of view (per panel) of critical sites – up to 2,000 acres with a single radar.
FEATURES

• Digital beamforming radar technology for highly reliable all-weather detection and tracking of all target types
• Seamless integration with cameras, VMS, success control, audible alarms, security lights, drones, and more
• Target classification to distinguish among humans, animals, vehicles, aircraft, and drones for alarming on targets of concern, avoiding nuisances
• Customizable alarm zones with automatic response triggers
• Wide-area coverage minimizes infrastructure costs
• Solid State system with no moving parts
• Backed by full warranty

APPLICATIONS

GA4120 is the ideal solution for mid-sized critical sites or areas of larger sites where focused surveillance is required. Real-world applications include:

• Airports
• Renewable energy sites
• Electric utility transmission substations
• Water reservoirs and treatment plants
• Natural gas transport, storage, and distribution sites
• Oil and gas sites
• Logistics facilities
• Correctional facilities
• Campuses

GA4120 can be mounted on the side of poles, buildings, or mobile platforms.