Argus is a fixed, rugged, integrated wide-area surveillance system. Combining a best-in-class radar and thermal camera with Command and Control software, Argus is designed to detect and track multiple threats both near and far in the most demanding weather conditions 24/7. When compared to other perimeter security solutions, Argus has the lowest initial cost per kilometer of secured space as well as the lowest lifetime cost.

Built to support airport security, military flight line security, port security, and border security, Argus provides 360° detection and tracking of more than 500 targets simultaneously 24/7. With only two connections—AC power and Ethernet—and installable in hours out of the box, it’s extremely simple to integrate. Laser designator, laser rangefinder, laser pointer, and illuminator provide other personnel, vehicles, and C2 systems with target bearing and geo-reference coordinates to identify precise location and direction of the target.

FEATURES

RADAR + THERMAL/VISIBLE CAMERAS
Optional payloads cover up to four spectral bands including visible, NIR, SWIR, and MWIR with slew-to-cue of cameras to radar.

INSTALLS IN HOURS, NOT DAYS
Designed for easy installation with minimal infrastructure requirements, Argus is preconfigured to virtually eliminate any integration risk.

TRACK MORE THAN 500 TARGETS SIMULTANEOUSLY
Laser designator, rangefinder, pointer and illuminator options plus Cameleon™ Tactical fusion of multiple sensors provide precise target bearing and location.

MULTIPLE POWER OPTIONS
Run Argus on 120/240 VAC, batteries, generator, wind or solar power.

CONTINUOUS PERIMETER SECURITY
Detect and track targets at a range up to 30 km over a full 360°, 24/7.

APPLICATIONS

AIRPORT SECURITY
MILITARY FLIGHT LINE SECURITY
PORT SECURITY
PETROCHEMICAL FACILITY PROTECTION
CRITICAL INFRASTRUCTURE PROTECTION
PIPELINE SECURITY
BORDER SECURITY
SPECIFICATIONS

Radar Options
FMCW and Doppler options, Ka and X band, ranging from 700 m to 60 km

Camera Options
Field of View (FOV) 0.5 degrees to 40 degrees
Focal Length 13 mm to 1200 mm

Camera Wavelength Options
High Definition Imaging High Definition (HD) Mid-Wave Infrared (MWIR)
HD Long-Wave Infrared (LWIR)
Short Wave Infrared (SWIR)
HD Color Zoom and Color Night Vision (CNV)

Payload Options
Lasers Laser Designator
Laser Rangefinder
Laser Pointer (NIR & SWIR wavelength)

Illuminators NIR & SWIR wavelength

Command & Control
Cameleon™ Tactical Track fusion of multiple sensors, slew-to-cue of camera to radar, mapping functionality, zone management, video archiving and distribution, and alarm notification and management

Simultaneously Tracking >500 Targets

Environmental
Power Options 120/240 VAC, batteries, generator, wind or solar power
Length 23 in. (58 cm)
Width 18 in. (46 cm)
Mast Height Options 1, 2 and 3m (3.2, 6.5 and 9.8 ft)

Standard Features
Surge Suppression
Temperature Monitoring
AC Power and communications monitoring
Fiber and Wire Ethernet Communications
Server
Tamper monitoring