



HENSOLDT SPEXER® 600

Ground based surveillance radar

SPEXER 600 draws upon the excellent pedigree of a range of established HENSOLDT products and technologies. Based on the well-established and proven SharpEye™ radar processing technology.

Main Applications and Capabilities

- Perimeter protection
- Pipeline protection
- Critical infrastructure protection
- Counter drone applications

General Information

- Based on proven SharpEye™ and SPEXER technology
- Automatic detection, tracking and classification of ground, sea and air targets
- Exportable: Dual Use classification, ITAR free

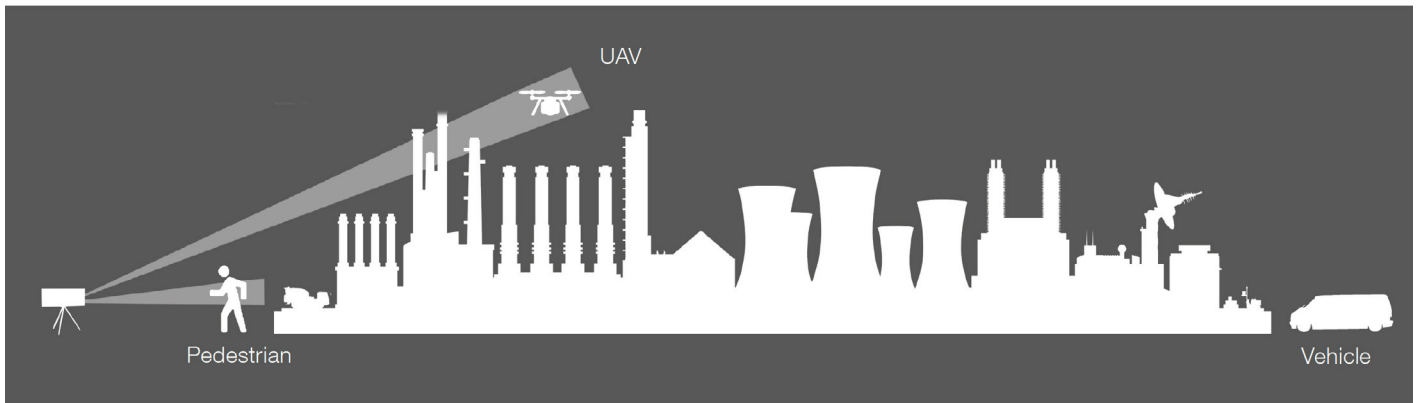
Features

- Lightweight
- Industry standard interface to operate with existing C2 Systems
- Cost effective solution to protect high value infrastructure assets

SPEXER 600®

Ground based surveillance radar

SPEXER 600 complements the wider SPEXER family of Active Electronically Scanned Array (AESA) products offering a cost effective land based X-Band Radar system. It can be deployed as a single sensor or networked into an array of sensors offering wider radar coverage. The low weight of the unit allows it to be installed on buildings or masts with no requirement for specialist mounting arrangements or access. Integrated into a C2 solution with other types of sensor it offers exceptional situational awareness.



Detection Ranges	
Micro UAV	3.6 km
UAV	9 km
Walking Man	8.2 km
Small Vehicle	14.5 km
Truck	17.1 km

SPEXER 600	
Radar Technology	Solid State Gallium Nitride, Pulse Doppler Radar
Frequency Range	X-band 9.0 to 9.6 GHz.
Azimuth Coverage	± 60°
Elevation Coverage	40°
Track While Scan	≥500 tracks simultaneously
Input Voltage	+12-33V DC
Size/Weight (Radar only)	W 1200mm / H 575mm / D 130mm <25kgs

All parameters are nominal and indicative based on a typical radar configuration.

