



# WIDE AREA **SENSOR**

## SKYBLAZER

C-UAS & GROUND BASED AIR THREAT DETECTION

TAKING RESPONSIBILITY IN A CHANGING WORLD

 **RHEINMETALL**

Skyblazer provides continuous, passive wide area surveillance in the Long-Wave Infrared and Visible bands with high performance threat detection and tracking. Skyblazer addresses a multitude of Short-Range Air Defence applications including Counter Unmanned Air Systems and Counter Small Air Targets suitable for a wide range of installations including vehicles, fixed infrastructure, mast mounted and dismounted.

KEY FEATURES

- Configurable frame rate up to 60Hz
- Excellent detection performance
- Automated object detection, tracking, identification and range estimation
- Versatile and modular size, weight and power configurations to suit mission requirements
- Overhead threat detection with 3–9 sensors
- Comprehensive GUI and HMI
- Designed for integration with networks of C-UAS and air defence systems
- GVA Integration: DEFSTAN 23-009, 00-082
- SAPIENT Interface
- C2 Integration
- Modular approach with viewing angles ranging from 90 to 360 degrees



PRODUCT SPECIFICATION

PROPERTY	VALUE
Sensor technology	CMOS (high-horizon); LWIR (horizon); LWIR (top attack)
Simultaneous tracked threats	200
Track update rate	10 Hz
Power requirement sensor array	Up to 65 W including overhead module
Power requirement processing	200–750 W depending on sensor count
Environmental and qualification	MIL-STD-810G, MIL-STD-883G, Temperature –40°C to +70°C Def Stan 00-035, Def Stan 59-411, MIL-STD-461G
Weight	10–20 kg depending on configuration
Cleaning system	Solid state screen clearing technology

APPLICATIONS

Available as a modular non-rotating sensor system, users can select their field of detection supporting a wide range of land mounted and dismounted, sea and unmanned applications.

- Mounted and dismounted applications for Counter Unmanned Air Systems (CUAS)
- Short and Medium Air Defence (SHORAD) – can be integrated with other Active Sensors and GBAD C2 systems
- Mounted, dismounted, mast mounted perimeter defence, border and infrastructure surveillance



DETECTION RANGE AND INDICATION



*\*Simulated outcome.*  
*NOTE: REUK reserves the right to change product parameters without notice.*



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