

► RHEINMETALL

18 September 2024

Rheinmetall Electronics UK's releases SB360 Wide Area Sensor

Rheinmetall Electronics UK are pleased to showcase their latest vision product which debuted at Eurosatory in June.

The new 360° staring array offers automated object tracking and identification, providing continuous passive threat detection and surveillance.

SB360 targets a diverse range of wide-area surveillance for detection of Unmanned Air Systems, Small Air Targets and traditional short-range air defence threats.

The SB360 passive sensor is designed to operate in all weathers, achieving persistent 360° horizontal and 20° vertical fields of view. The vertical field of view can be expanded with an optional near overhead threat detection module enabling up to 60° vertical fields of view, for additional top attack detection capability.

Flexible configurations are available in the dismounted role, mounted on vehicles or maritime platforms, or in support of fixed asset protection and as part of a wider air target surveillance and effector system.

SB360 is non-rotational, offering the highest reliability and reduced power consumption, with continuous view-on-target tracking and a standard 30Hz refresh rate for use 24/7, 365 days a year.



Rheinmetall Electronics UK's SB360 passive sensor staring array

Rheinmetall Electronics UK will show SB360 at DVD stand OR-15 from 18th – 19th September 2024.

Rheinmetall Electronics UK Managing Director, Richard Streeter said:

“We are delighted to launch this new sensor solution as a growing part of Rheinmetall’s innovative portfolio. This system leverages improvements and affordability of the latest IR sensor technologies and is focussed on enhancing security and enabling freedom of action for our global customers.”

► Key facts

- Rheinmetall Electronics UK will show their new passive 360° staring array at DVD Stand OR-15
- Skyblazer is designed to provide threat detection and surveillance
- The latest vision product in Rheinmetall Electronics UK's portfolio is designed to suit a wide range of applications including short-range air defence and civil applications.

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Rheinmetall Electronics UK Director of Business Development, Ross Haines said:

“The development of our latest vision system is a result of the broadening threat sets in increasingly complex operating environments, including emissions (EMCON) constrained. The SB360° Staring Array will help its users detect and track targets with its passive sensors and can be used independently or as part of a layered defence solution, in a wider counter air threat defence system.”

Notes to editors

Rheinmetall Electronics UK delivers high-performance embedded electronic solutions and operates from their headquarters based on the Isle of Wight in the south of England.

Rheinmetall Electronics UK provides Mission Systems to government, defence, security and communications customers. The offering includes Driver Vision and Situational Awareness systems for armoured vehicles, long-range surveillance video processors and products for Ground Based Air Defence, Simulation and Training, Electronic Warfare and Cyber applications.