



SAAB



GIRAFFE 1X

Air superiority from the ground

In situations where every second counts, time is your most valuable asset. With time on your side, you can be prepared, in control, and gain the initiative. This is where Saab comes in. With our capable, leading-edge sensor systems you can create time to act and protect your assets with solutions built on actual real-time control.

When agility and rapid reactions are crucial, the Giraffe family of 3D radars provides high mobility, short deployment times, fast track initiation, and high target update rates – all enabling command and control in real time.

Giraffe 1X is a compact, lightweight, high performing 3D radar for fixed, mobile or deployable applications with a small footprint, easily integrated in any type of mobile platform, fixed structure, or command and control system.

The compact concept makes Giraffe 1X the perfect choice when continuous air surveillance is desired as part of short-range surveillance and ground based air defence. It provides swift understanding of the air situation, enabling immediate and effective response to changing threats, new tactics and shifting operational conditions. Giraffe 1X covers the entire search volume every second and will detect any air threat, including small, slow, high and low targets. By creating time to act, you protect your assets with solutions built on actual real-time control



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Drone detection and classification

The Giraffe drone tracker function is capable of coping with the challenges of the UAV threat. It detects and tracks even small/mini UAVs, with a false alarm rate reduced to an absolute minimum.

It can be used for a wide range of applications: monitoring airport flight zones, local protection of own forces while on the move, protection of sea operations, camp protection, and UAV surveillance of larger areas.

C-RAM sense

The RAM Sense function works in the full 360° volume while maintaining normal air surveillance. A large number of ballistic tracks, weapon locations and impact points can be handled simultaneously.



Search on the move

The Giraffe 1X is ready for Search On The Move in any configuration. Supported by an INS system the sensor is self-stabilized in real-time. This allows full operation while in transit or during redeployment. Any threat will remain tracked, or new tracks can be formed in the same way as when stationary. All the time with orientation fully stabilized.

In all this means deployment time no longer is a term to be used when the Giraffe 1X will present current air picture any time in any situation.

Key capabilities

Compact, lightweight, high performing 3D radar

- Fixed, mobile or deployable with small footprint
- Easily integrated in any type of platform
- Superior 360° detection
- Multi-mission with multipurpose
- Small target capability

