



**SAAB**

## **Sirius Compact L24R**

Where you want it. When you want it.

Compact passive surveillance for strategic applications.

**Sirius Compact L24R** - optimised for fixed & mobile strategic deployments. A small form factor, modular Radar-Electronic Support Measures (R-ESM) sensor for rapid deployment and connection in a network to support strategic operations. Persistent autonomous operation enables assimilation and compilation of intelligence information without storing sensitive data in the sensor. Sirius Compact enables Electronic Warfare across all operational levels, adding a higher level of confidence to situational awareness for decision support.

## Features

- Panels for surveillance sectors
- Add-on for existing infrastructure where mast top is unavailable
- Very high precision Direction Finding (DF)
- Wide-scale distributed sensor networks
- Offline ELINT recording analysis
- Standard interfaces (SAPIENT, CESMO)
- No external cooling required
- Single cable interface

## Technical Data

- Frequency coverage: 1-18 GHz
- IBW: 500 MHz
- Azimuth coverage: 120°
- DF accuracy: <1° RMS (typical)
- Interfaces: Ethernet, 14-32 VDC
- Low Size, Weight & Power (SWaP):
  - 450 x 170 x 170 mm
  - 8 kg
  - 65 W (typical)

Sirius Compact R-ESM is a family of modular and scalable passive Electronic Warfare (EW) sensors, providing a true force-multiplier by enhancing situational awareness through silent detection, classification and prioritisation of radar emissions.

Specifications subject to change without notice

