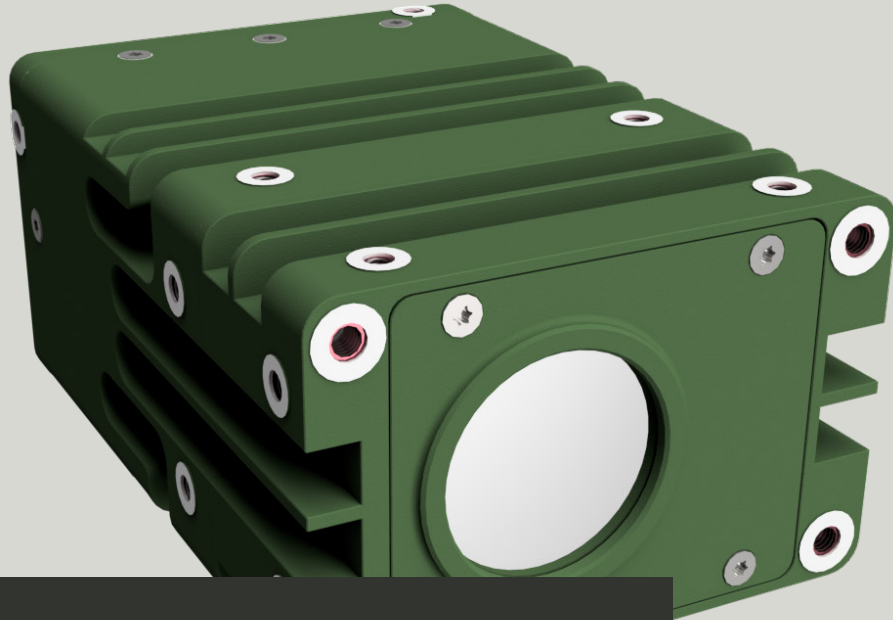




SAAB



RCAM-IR

Rugged Camera Module Thermal

Designed for demanding vehicle operations, this high-performance Thermal Light Camera — with an NGVA-compatible, low-latency LWIR sensor — delivers exceptional visibility and situational awareness. With true low-latency performance and outstanding capability in all light conditions, it provides drivers and crews with clear, reliable insight when it matters most.

In critical environments, split-second decisions depend on what you see. Our high-performance LWIR Thermal Camera provides unparalleled situational awareness for drivers and crews, penetrating total darkness where visible light sensors fail.

Designed towards NGVA STANAG 4754 and implementing the DEF STAN 00-82 protocol, including H.264 compression, it integrates seamlessly into modern vehicle platforms—reducing system complexity and helping future-proof your fleet.

Core features:

- 640x480 pixels, 17µm pixel size
- HFOV 69°deg (other options available)
- NUC shutter
- Spectral band; 8-12 µm
- Def Stan 00-82, h.264 compression
- MIL-STD-810 and MIL-STD-461
- Operating temp -40°C to +60°C



SAAB



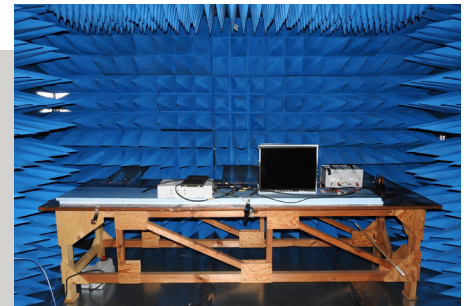
LSAS AND DRIVER SUPPORT

Our ultra-low-latency digital camera system transforms how operators perceive and interact with their environment. By delivering high-definition, real-time visual data directly to the driver's or operator's display, it effectively enables vision beyond physical barriers — providing a seamless, 360-degree view of the battlespace and enhancing situational awareness when every second counts.

RELIABLE OPERATIONS

Our ruggedized portfolio includes the most reliable solutions for your critical applications. Built to comply with Mil-STD-461 and MIL-STD-810 and beyond meanwhile delivering full performance.

All our products are ITAR-free. Together with our fully owned IPR and inhouse production we have control. To ensure supplies of today and tomorrow.



FLEXIBLE SOLUTIONS

Over the years we have developed a design concept that opens up for adaptations to meet our customers exact needs in terms of connector type or specific pinout, additional interfaces or outer casing surface treatment with a minimum of effort from our side.

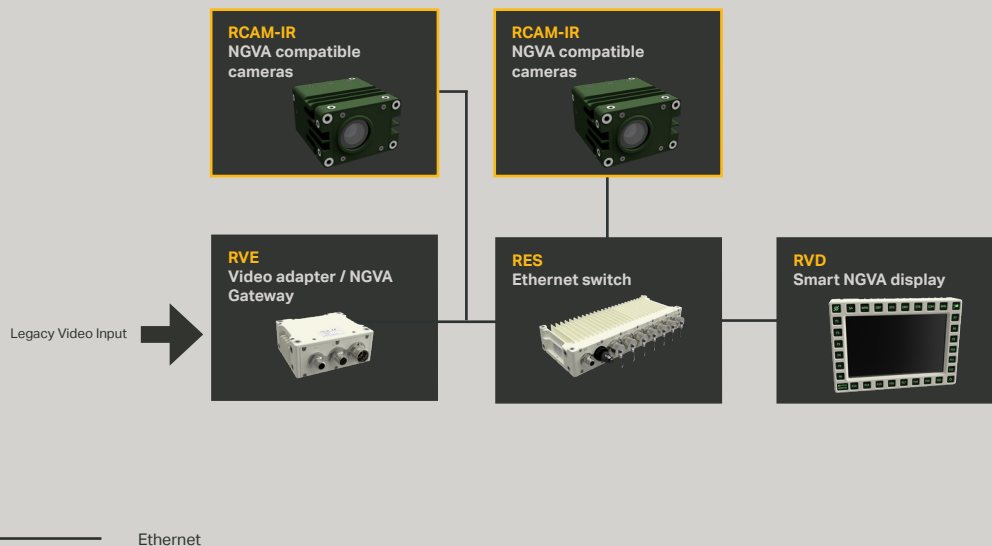
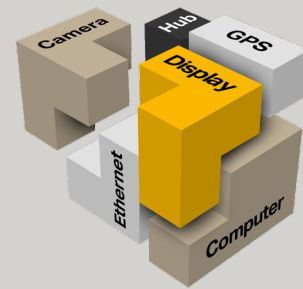
RCAM-IR Dimensions

Height: 60 mm
Width: 90 mm
Depth: 120 mm (incl. conn.)
Weight: 1 kg (approx.)

RCAM-IR - Rear view



Saab Tactical Electronics portfolio offers building blocks according to open standards to create your dedicated system.



Specifications – Rugged Camera Module Thermal (IR)

Resolution; 640 x 480 active picture elements, pixel pitch 17µm	Operating temperature: -40°C to +60°C
Spectral range 8-12µm	Storage temperature: -45°C to +70°C
NUC shutter	Sealed housing, IP65
HFOV 69° (optionally 90°)	Comply to MIL-STD-810 and MIL-STD-461
NETD <50mK @ 30Hz	MIL-C-38999 series III connector
Athermalized lens	Power input according to MIL-STD-1275
Output format, Def Stan 00-82 with h.264 compression	Power consumption: Nom. 10 W, Max. 20 W (defroster active)
Germanium front glass, hard/AR-coated	
Defroster	

Specifications subject to change without notice.
Company confidentiality: Company unclassified
Defence secrecy: Not classified