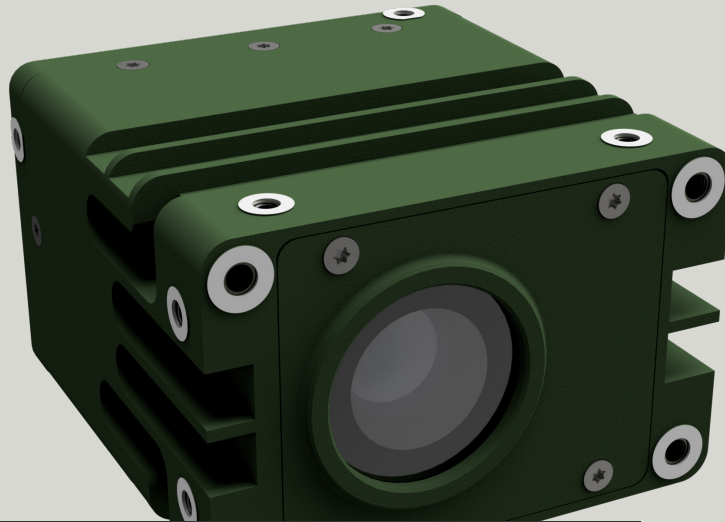




SAAB



RCAM-DL

Rugged Camera Module Daylight

Designed for demanding vehicle operations, this rugged Visible Light Camera module delivers reliable performance in harsh and complex environments. Built for NGVA-compatibility, ultra-low-latency with an electro-optical CMOS sensor, it combines high-definition image quality with excellent low-light capability, giving drivers and crews the clarity they need to understand their surroundings and operate with confidence - even in challenging operational environments.

In critical environments, split-second decisions depend on what you see. Delivering real-time visual information with minimal delay, the camera enhances situational awareness and supports safer, faster decision-making for drivers and operators, while being optimized for LSAS and driver support solutions across day- and night-time operations.

Designed towards NGVA STANAG 4754, the camera integrates seamlessly into modern vehicle architectures, enabling interoperability across platforms. By implementing the DEF STAN 00-82 protocol, including H.264 compression, it ensures efficient, reliable video transmission and helps future-proof vehicle fleets against evolving operational and technological requirements.

Core features:

- 3MP color sensor
- HFOV 45-90deg (configurable)
- Global shutter
- Sensitivity <1,0 Lux
- Def Stan 00-82, h.264 compression
- MIL-STD-810 and MIL-STD-461
- Operating temp -40°C to +60°C



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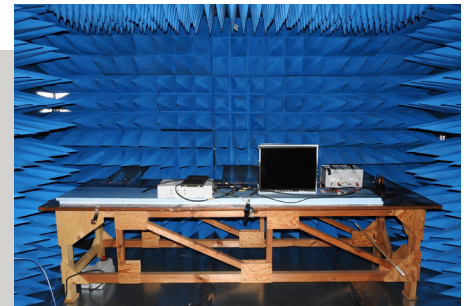
LSAS AND DRIVER SUPPORT

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.



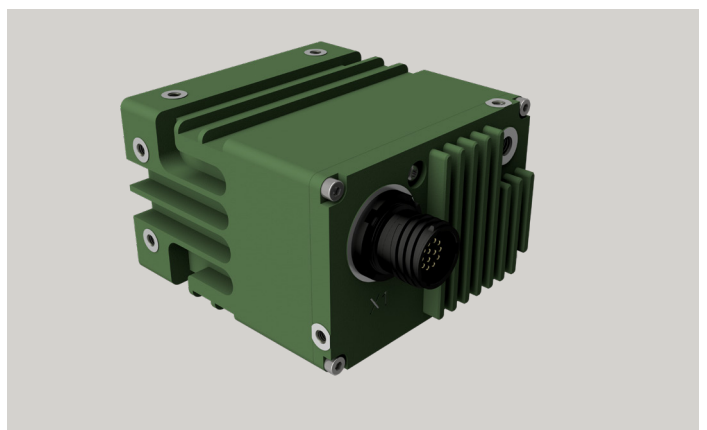
FLEXIBLE SOLUTIONS

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.

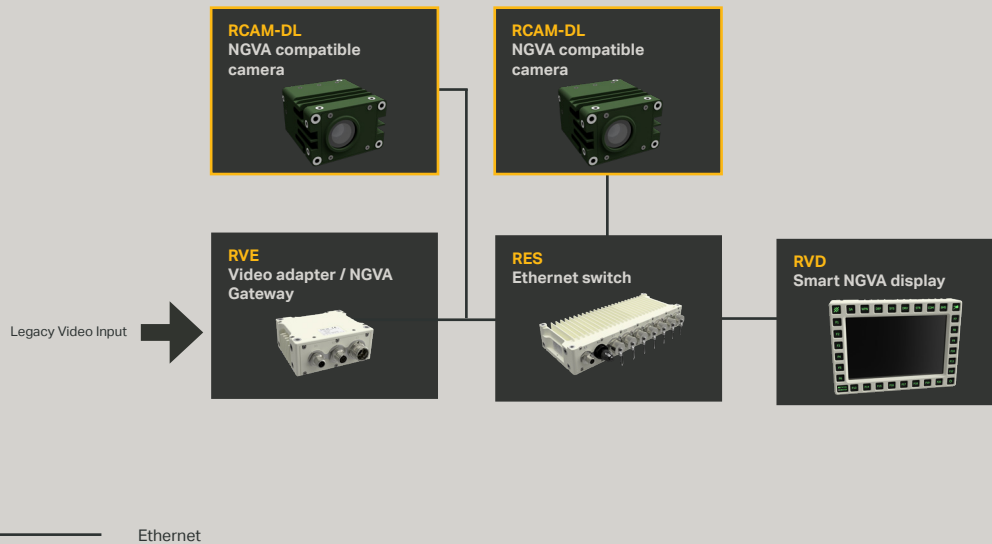
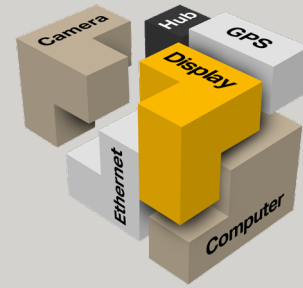
RCAM-DL Dimensions

Height: 60 mm
Width: 90 mm
Depth: 120 mm (incl. conn.)
Weight: 0.8 kg (approx.)

RCAM-DL - Rear view



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



Specifications – Rugged Camera Module Daylight

CMOS 3MP color camera sensor, horizontal orientation	Operating temperature: -40°C to +60°C
Global shutter	Storage temperature: -45°C to +70°C
HFOV 47° (standard config, optionally 45-90°)	Sealed housing, IP65
Sensitivity: < 1 Lux	Comply to MIL-STD-810 and MIL-STD-461
Video output 1280x800 @ 30Hz	MIL-C-38999 series III connector
Output format, Def Stan 00-82 with h.264 compression	Power input according to MIL-STD-1275
Sapphire front glass, AR-coated	Defroster
Power consumption: Nom. 10 W, Max. 20 W (defroster active)	

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