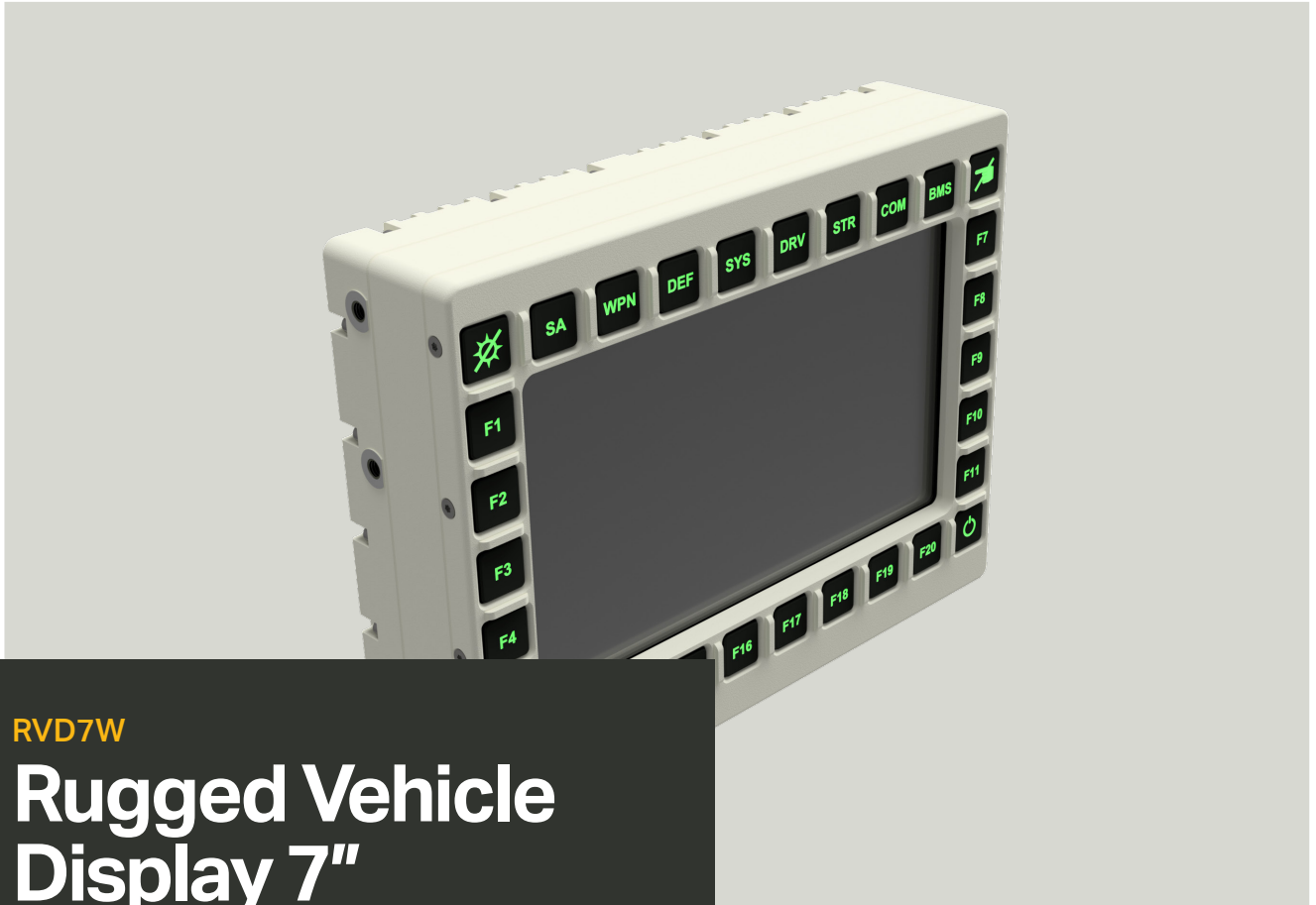




SAAB



RVD7W

Rugged Vehicle Display 7"

This compact, NGVA-compatible display is engineered for reliable operation in the harshest environments. Available as a high-performance DVI/HDMI computer display or as an advanced smart display, it delivers low-latency, Ethernet-based Full HD video for real-time situational awareness. Compact. Intelligent. Mission-Ready.

The smart display variant integrates a powerful FPGA platform for real-time H.264 video decompression, combined with a quad-core ARM Cortex-A53 processor, enabling advanced processing directly at the edge.

Fully compliant with Def Stan 23-009, the display supports DVI/HDMI as standard, with optional video interfaces configurable for Def Stan 00-82, H.264, HD-SDI, 3G-SDI, or analogue video sources. Internally generated HMI, multi-source video mixing, and the ability to host customer applications create highly efficient, flexible system architectures while reducing overall system complexity.

Core features:

- GVA Def Stan 23-009 compatible
- 7" @ 1920*1080 (full-HD)
- Resistive touch panel
- DVI-D (HDMI compatible)
- Integrated heater
- Internal supervisory



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MULTIPURPOSE DISPLAY

The Rugged Vehicle Display visualizes and controls mission-critical applications via an NGVA Def Stan 23-009 compliant interface. With an internally generated HMI, users can intuitively manage video sources and overlay graphical objects directly on the display, creating a clear, unified operational picture.

Supports Def Stan 00-82 H.264 video and on-board applications, reducing hardware, simplifying systems, speeding response, and saving SWaP - without compromising performance.

RELIABLE OPERATIONS

Our ruggedized display 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.

Fully ITAR-free and built with our own IP and in-house production, we ensure total control over quality, innovation, and supply - 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.

Contact us to discuss your dedicated needs.

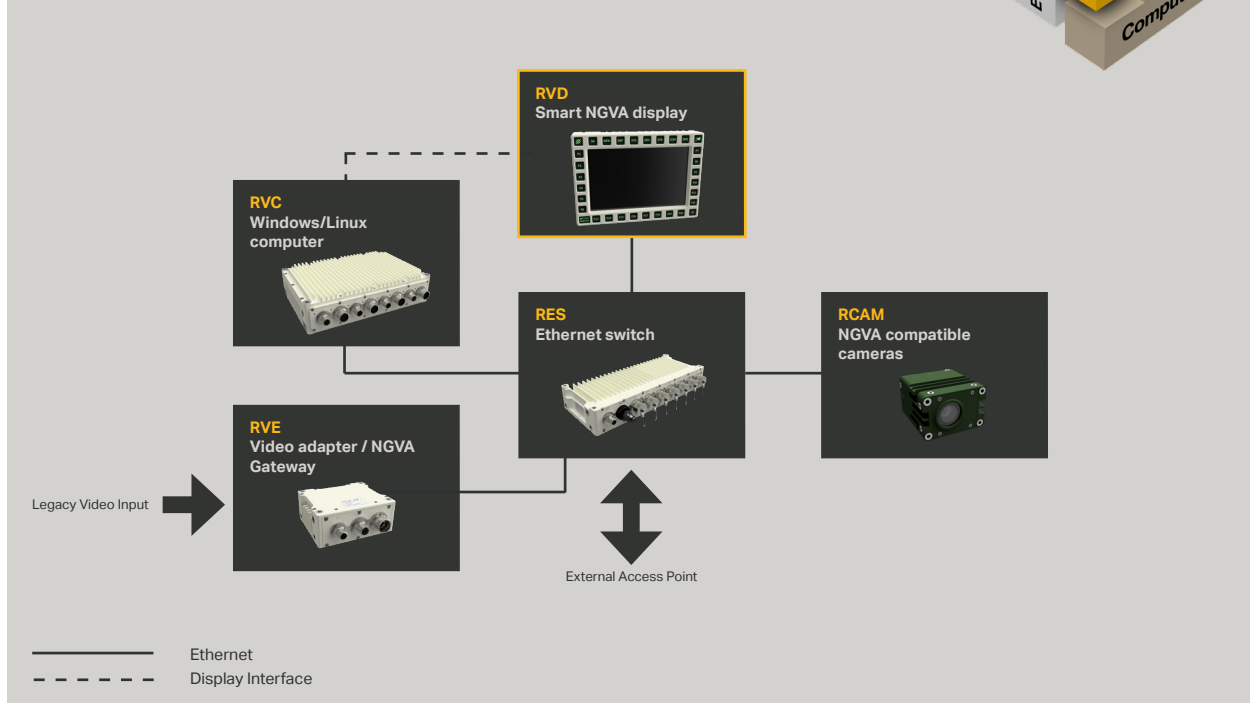
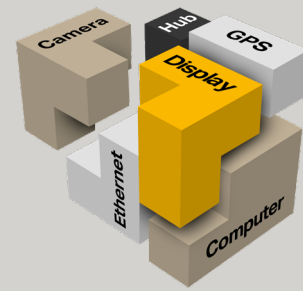
RVD7W Dimensions

- Height: 150 mm
- Width: 200 mm
- Depth: 47 mm
- Weight: 3 kg (approx.)

RVD7W - Rear view



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



Specifications – Rugged Vehicle Display 7"

PC-compatible with DVI-D (HDMI compatible) and USB interface (frontkey control)	Operating temperature: -40°C to +60°C
7" 16:9 display; 1920*1080 pixels	Storage temperature: -46°C to +71°C
LED-backlight, eight bit/color	Sealed housing, IP65
Luminance, dimmable >650cd/m2	Comply to MIL-STD-810 and MIL-STD-461
Resistive touch panel (supports operation with gloves and in rain)	Power input according to MIL-STD-1275
Dimming range; 256:1	MIL-C-38999 series III connector, Electroless Nickel
Display heater	
Internal status supervisory and log	
GVA / NGVA compatible according to STANAG4754 and Def Stan 23-009	
FPGA w quad-core ARM Cortex-A53 processor (option)	
Configurable video interfaces (option): Def Stan 00-82 h.264 / HD-SDI / 3G-SDI / PAL / NTSC / RS170	
CAN / RS232/422/485 (option)	

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

