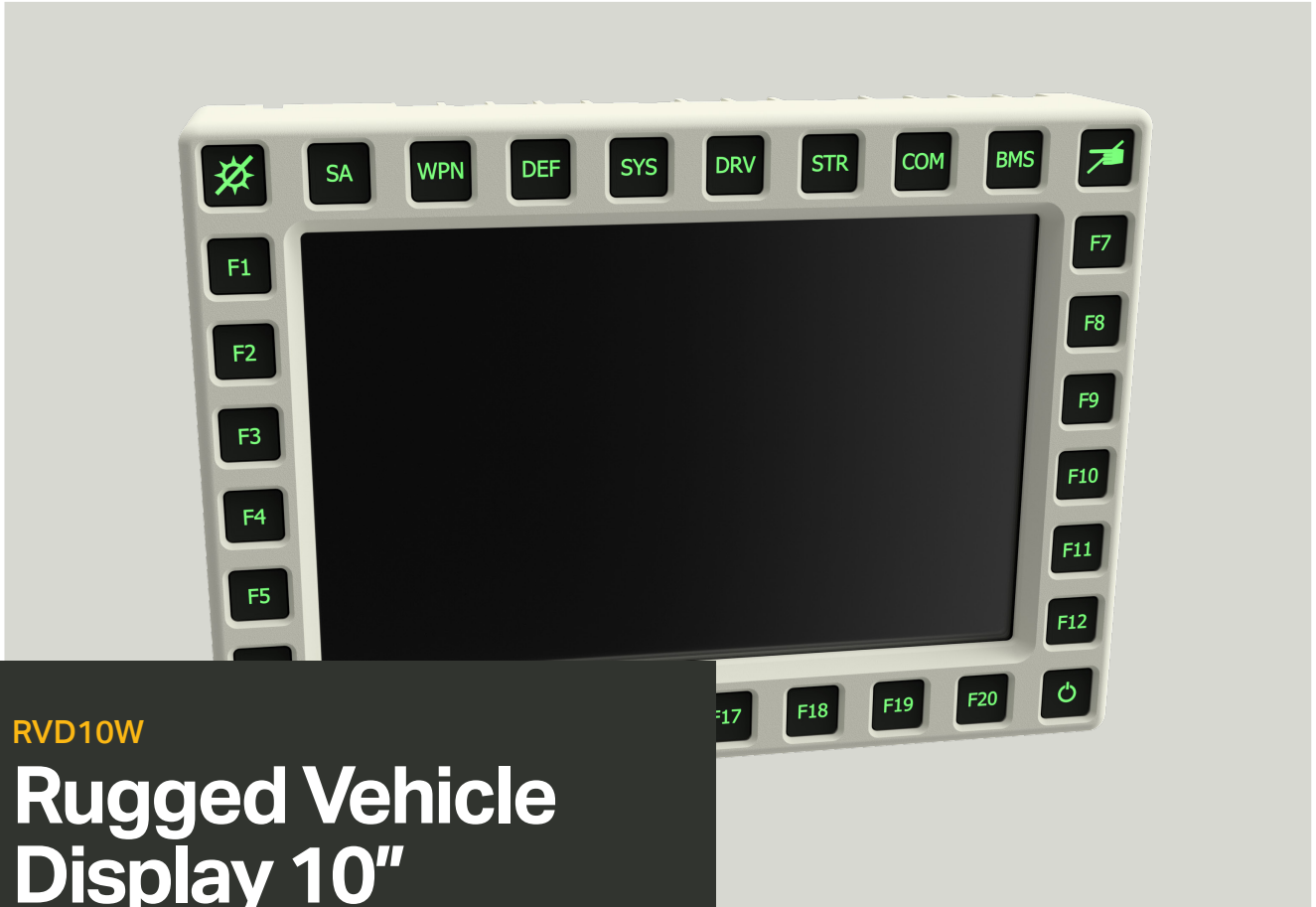




# SAAB



RVD10W

## Rugged Vehicle Display 10"

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
- 10.1 " @ 1920\*1200 pixels
- Resistive multitouch panel
- DVI-D (HDMI compatible)
- Integrated heater
- Internal supervisory



# SAAB



## 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.

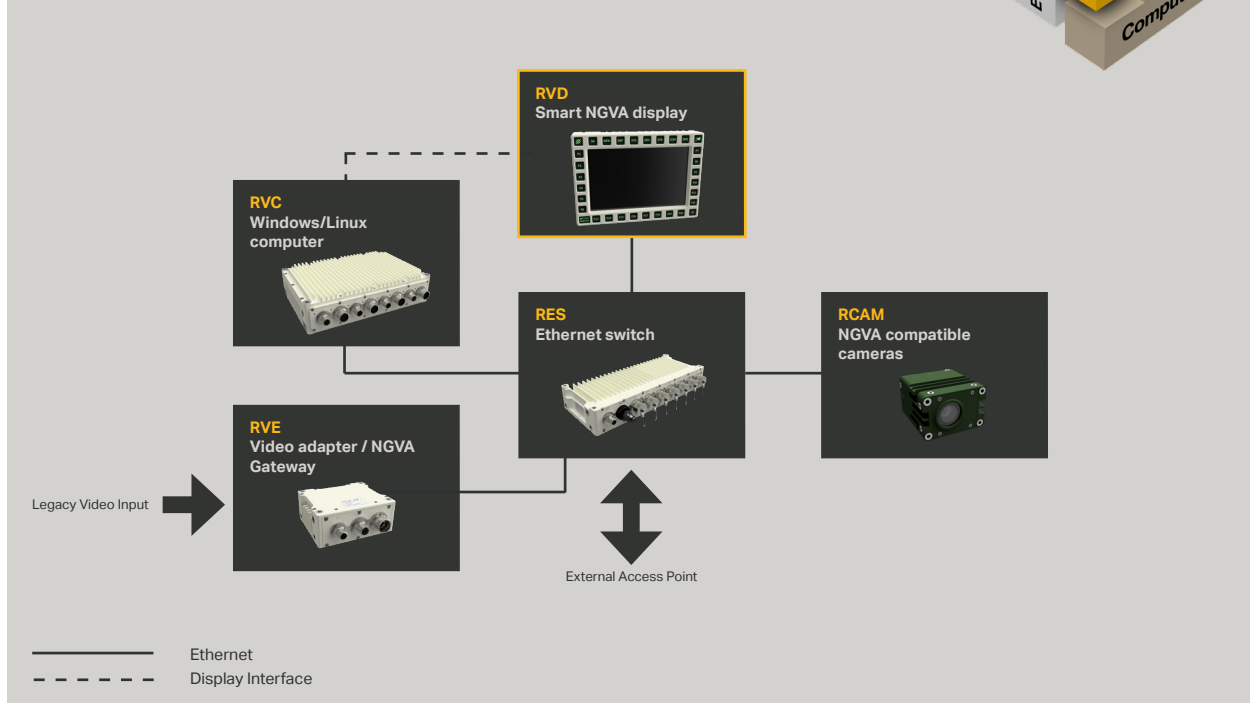
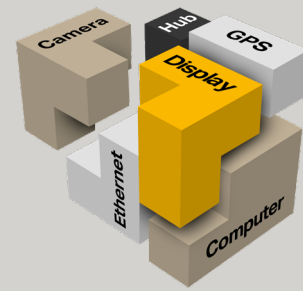
### RVD10W Dimensions

- Height: 201 mm
- Width: 283 mm
- Depth: 56 mm (excl. connect)
- Weight: 3.4 kg (approx.)

### RVD10W - Rear view



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



## Specifications – Rugged Vehicle Display 10"

PC-compatible with DVI-D (HDMI compatible) and USB interface (frontkey control)	Operating temperature: -40°C to +60°C
10.1" 16:10 display; 1920*1200 pixels	Storage temperature: -46°C to +71°C
LED-backlight, eight bit/color	Sealed housing, IP65
Luminance, dimmable >500cd/m2	Comply to MIL-STD-810 and MIL-STD-461
Resistive multi-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