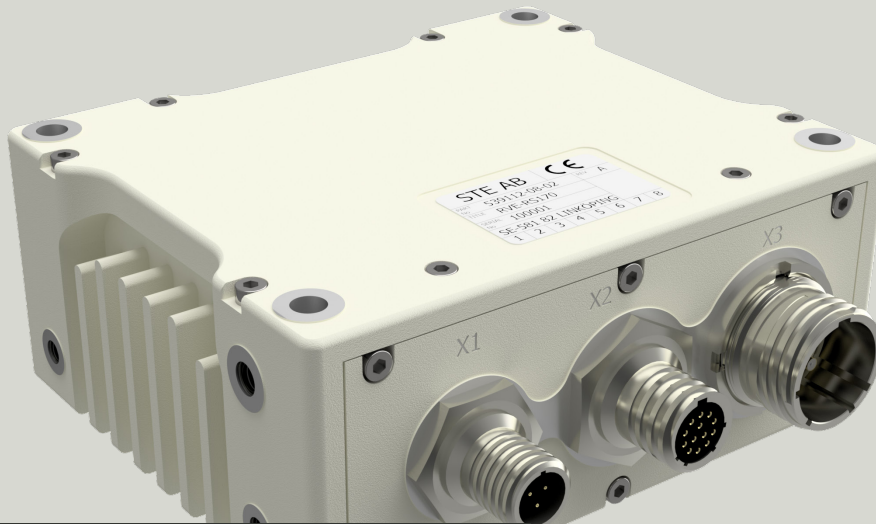




# SAAB



RVE-AN

## Rugged Video to Ethernet converter

The RVE is a fully ruggedized, compact gateway that bridges legacy analog video with modern NGVA architectures. It enables up to four analog video sources - including PAL, NTSC, and RS-170—to connect seamlessly to STANAG 4754-compatible networks. By simplifying integration and ensuring standards compliance, the RVE provides a reliable path from legacy video to network-enabled tactical systems.

Delivering video output in full compliance with Def Stan 00-82, the RVE features H.264 compression with extremely low added latency, ensuring high-quality, real-time performance.

Powered by Saab's DiVA digital signal-processing core, it also supports advanced imaging functions such as graphical overlays, rescaling, deinterlacing, and image correction—making it an efficient and future-ready solution for modern military vehicle systems.

### Core features:

- Up to four simultaneous inputs
- Support for PAL, NTSC, RS-170
- Def Stan 00-82 output with H.264 compression
- GVA/NGVA compliant pinout
- MIL-STD 810, MIL-STD 461



# SAAB



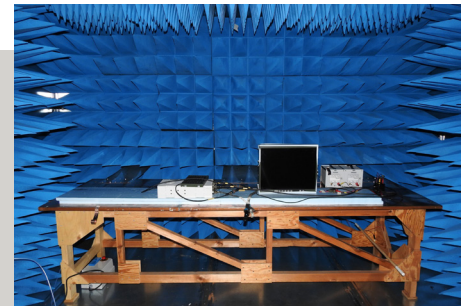
## INTEGRATION EQUIPMENT

In today's Generic Vehicle Architecture (GVA) environment, integrating high-definition video should be seamless—not a limitation. The RVE is a high-performance, fully ruggedized video gateway engineered to bridge legacy video sources with modern digital architectures.

## RELIABLE OPERATIONS

Our ruggedized product 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.

## RVE-AN Dimensions

Height: 58 mm

Width: 138 mm

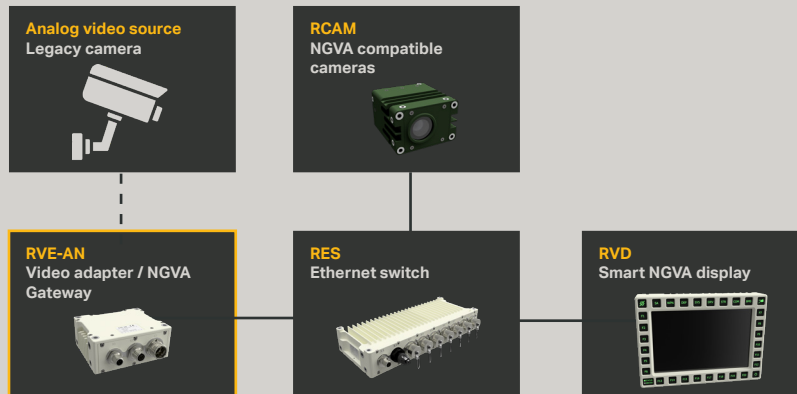
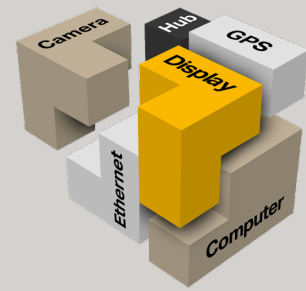
Depth: 114 mm (excl. connectors)

Weight: 1.1 kg (approx.)

## RVE-AN - Rear view



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



———— Ethernet  
 - - - - - PAL/NTSC/RS-170

## Specifications – Rugged Video to Ethernet converter, AN

Support for PAL, NTSC, RS-170, up to four simultaneous inputs

4 x Coaxial video input

Ethernet 100/1000Base-TX output interface

Video Def Stan 00-82 output with H.264 compression

GVA/NGVA compliant pinout

Near-zero latency

Operating temperature: -40°C to +60°C

Storage temperature: -46°C to +70°C

Sealed housing, IP65

Comply to MIL-STD-810 and MIL-STD-461

Power input according to MIL-STD-1275

MIL-C-38999 series III connector, Electroless Nickel

See also RVE NGVA gateway version for SDI video, RVE-SDI

Option alternatives:

Image processing (Gamma correction, video inversion, mirroring, overlay generation, digital scaling, deinterlacing and video and graphics mixing.)

BIT functionality

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

Saab Tactical Electronics AB, SE-581 82, Linköping, Sweden  
 info.ste@saabgroup.com | www.saab.com/ste



**SAAB**