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RKVM4HD-S

Rugged KVM switch 4 ports full-HD - Secure

Engineered for mission-critical vehicle environments, this ruggedized 4-port KVM switch delivers secure, reliable control where data isolation and hardware resilience are essential. Designed for operations where security cannot be compromised, it enables near-instant switching between up to four separate computers while maintaining strict system separation.

The RKVM4HD-S allows a single DVI-D display, keyboard, and mouse to be securely shared across four systems. Each computer port is designed as a data diode, ensuring complete isolation and preventing any data leakage between connected platforms.

Its compact half-19" rackmount form factor with 2U height makes it ideal for space-constrained vehicle installations, while offering a robust and future-ready solution for demanding operational requirements.

Core features:

- DVI-D support (up to WUXGA resolution, 1920x1200)
- Up to four computers connected
- MIL-STD 810, MIL-STD 461
- Half 19" rack mount, 2U
- Optionally remote controlled



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DATA DISTRIBUTION

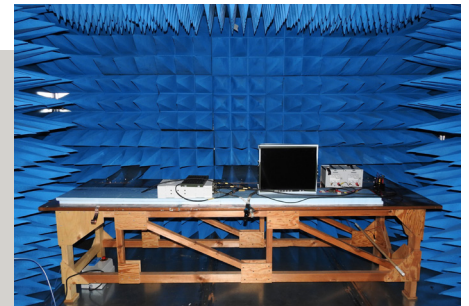
The ultimate solution for operators who need to manage multiple critical networks from a single workstation—securely, swiftly, and reliably.

Several data security design aspects considered such as isolated data channels by physically separated circuits for each data path on a KVM, one way communication and more. Contact us for more information concerning Common Criteria EAL accreditation.

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.

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.

Contact us to discuss your dedicated needs.

RKVM4-S Dimensions

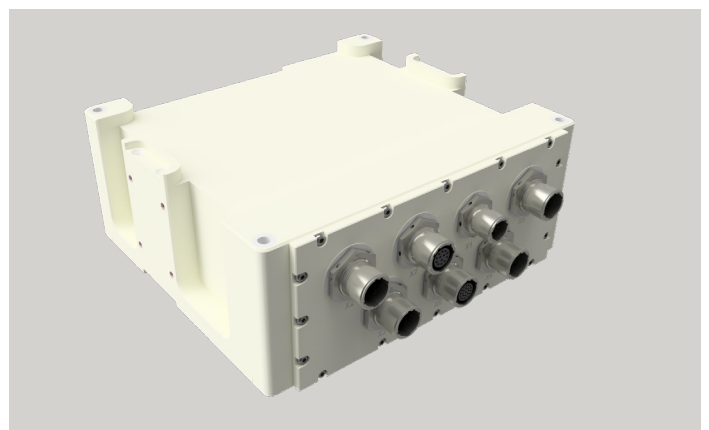
Height: 88 mm

Width: 220 mm

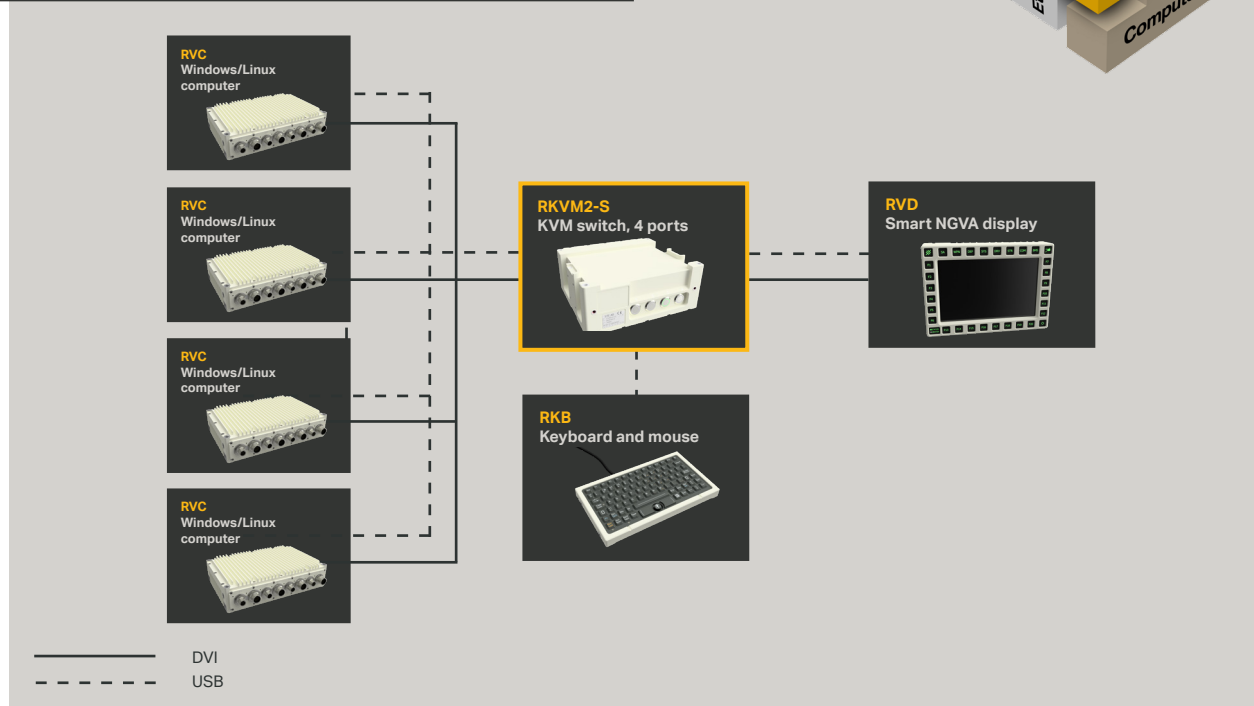
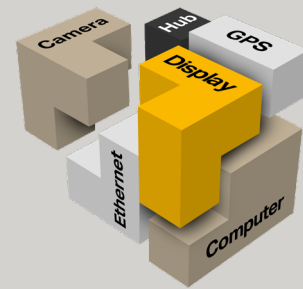
Depth: 217 mm (incl. connector)

Weight: 3 kg (approx.)

RKVM4-S - Rear view



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



Specifications – Rugged KVM Switch, 4 ports, Full-HD - Secure

4 integrated buttons with LED indicators for computer selection, optionally remote operated	Data diode design
DVI-D support (up to WUXGA resolution, 1920x1200)	X1: power input
Display power supply	X2-X5: computer 1-4
Operating temperature: -40°C to +60°C	X6: Display
Storage temperature: -46°C to +71°C	X7: 2xUSB2.0 / ext. switch for remote operation
Sealed housing, IP65	
Comply to MIL-STD-810 and MIL-STD-461	
Power supply according to MIL-STD-1275	
MIL-C-38999 series III connector, Electroless Nickel	
See also our 2 port version, RKVM2-S	

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