

ArgonFDS Rugged KVM Switch – KVM

4-Port EAL4 Certified KVM Switch for C4ISR Platforms



ArgonFDS offers a rugged 4-Port, EAL4 Certified KVM Switch for Command & Control applications. ArgonFDS' KVM provides reliable interfaces for USB keyboards and pointing devices, DVI video inputs, and audio in/out. Its EAL4 certification makes it suitable for red/black data separation. The KVM also provides both AC and DC power inputs providing versatility for many mission critical applications.

ArgonFDS' KVM product provides full-featured standard KVM functionality and supports a wide variety of customized control input devices.

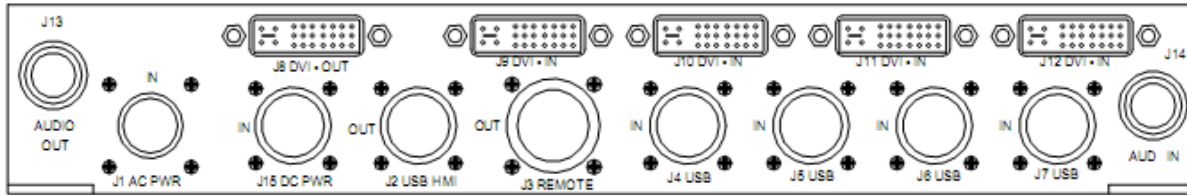
Main Features:

- 4-Port KVM Switch
- USB2.0, DVI (single link & dual link), and Stereo Audio Switching
- EAL4 Certification for Security
- AC & DC Power Inputs
- Military Connectors

Note: EAL4 Certification is no longer an accepted standard for current security protocol. Protection Profiles are the current standard. EAL4 remains valid for customers who have procured the unit in the past. If purchased for a new program as of the date of this document, the unit remains compliant with what was EAL4. Contact your security department to determine if this unit meets your requirements before placing into a new program.

ArgonFDS has over 31 years of experience designing, producing and supporting a variety of rugged computing and display solutions that serve land based, naval and airborne applications. These solutions are also suitable for adjacent applications where extreme, combat like environments are present, such as oil and gas exploration, and mining activities.

ArgonFDS has developed a standing reputation for working with customers to design custom solutions and reliable products. Add to this extensive industry knowledge and Argon is a partner you can trust.



Technical Specifications for 4CH KVM Switch

Functional	
Data Input Ports	4xUSB2.0 (Keyboard/Pointer Composited), 4xDVI, 4x Stereo Audio In
Data Output Ports	1xUSB2.0 (Keyboard/Pointer Composited), 1xDVI, 1xStereo Audio Out
Max Resolution	2560x1600 @ 60Hz
Control Port	1xUSB2.0 (Switch Control)
Security Certification	EAL4 (no longer recognized standard)
Overall Unit	
Dimensions (Typical)	10.40" x 1.65" x 8.55"
Weight	2.75 lbs
Power Input	9 to 36VDC or 110/220Vac 50/60HZ Input
Power Consumption	7W Typical
Connectors	MIL Circular, DVI Commercial Type
Enclosure	Aluminum, Enclosed
Environmental	
Meets, but not Limited to, the Following Specifications	
Operating Temp	0°C to +60°C
Storage Temp	-20°C to +70°C
Shock	MIL-STD-901D, Grade A
Vibration	MIL-STD-167-1, 33Hz
EMI/EMC	Designed to MIL-STD-461E
Altitude	20k ft Operating, 40k ft Non-Operating
Humidity	Operating & Storage: 95%, 25°C Condensing