



SECURE **MIL-STD TEMPEST**

4/8-PORT HDMI KVM SWITCHES

HSL's DP/HDMI rugged and secure KVM Switches, provide military users with superior security under the most challenging of environmental conditions.

These are the only KVM switches and combiners in the world that are both NIAP PP 4.0 compliant, MIL-SPEC-810G compliant and TEMPEST Level A compliant. They are designed to be installed on military vehicles, marine vessels and airborne platforms.

REMOTE

For easier mounting and better situational awareness, the rugged KVMs are optionally equipped with a remote control that can be mounted on the operator dashboard.

> Transmitter & Receiver Rugged Extender

CONTROLS

RUGGED EXTENDERS

Facilitates installations where users and hosts are distant from each other. Works over both copper and fiber. Compatible with remote control for complete functionality.



RUGGED SECURE 4/8/16 PORTS

KVM COMBINER SWITCHES SPECIFICATIONS

	MODEL	SC42PHU-4TR	SC82PHU-4TR**	SC162PHU-4TR**		
	No. of Sources	4	8	16		
MAIN FEATURES	Console Output Ports	$2\times \text{DP/HDMI},$ Mouse, KB, CAC reader and optional remote control via a single male D38999/24WD35SN				
	Computer Input Ports	$2\times \text{DP/HDMI},\text{HID}$ and CAC interfaces based on a single female D38999/24WD35PN.				
MAIN FE	Channel Switching	 IP 67 compliant green LED illuminated front panel push buttons NVG and dimming options available Remote control connected via console port 				
	Video Modes Supported	• DisplayPort/HDMI supported up to 4K@30Hz or 3440x1440@60Hz				
PWR	DC Input	Nominal Power Input 28VDC (18V-36V)				
	Power Requirements	Max Power Consumption 40W				
PHYC	Dimensions	433.8 x 215 x 65.85 mm / 17 x 8.5 x 2.6 in				
CERT	Security Certification	Compliant with NIAP PP4 for PSD (Peripheral Sharing Device) TEMPEST Level A Compliant *				
	Product Certification	UL/cUL60950,EN60 950, FCC Class B, CE Mark, EN55022B, VCCI, CE102, CS101, CS114, CS115, CS116, RE102, RE103, CE101				
AB	Standards	MIL-STD-810G, MIL-STD-1275E Compliant				
RELIAB	мтвғ	65,000 hours of operation at 40 degrees				

DESIGNED TO BE TEMPEST Level A

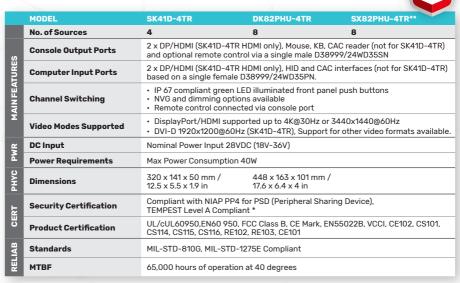
COMPLIANT

DESIGNED TO BE TEMPEST Level A

COMPLIANT

RUGGED SECURE 4/8 PORTS

KVM AND MINI-MATRIX SWITCHES SPECIFICATIONS



^{*} Contact us for further information regarding TEMPEST capabilities. ** Coming Soon.

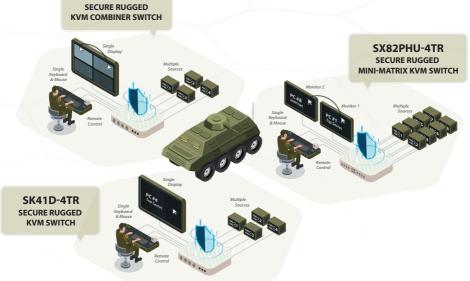
^{**} Coming Soon.

SC42PHU-4TR Front & Rear View



RUGGED SYSTEM DIAGRAMS





RUGGED KVM

HIGHLIGHTS

Rugged Construction

The rugged KVM is designed to meet MIL-STD harsh environmental requirements. It features a robust sealed aluminum enclosure, all metallic MIL-STD-38999 connectors, and sealed front panel illuminated push buttons.

NIAP PP4.0 for PSD Compliant -All of HSL's rugged KVM switches are compliant with or certified to NIAP PP version 4.0 for PSD.

Rugged KVM Multi-Viewers

View and interact with up to 16 hosts and one or two displays. A streaming H.264 output can be used as one of the display outputs. Easily switch between multiple sources and scale images to create custom views that can be saved as presets.

HSL's Unique Mini-Matrix Option

Allows a single user to control two of the connected hosts simultaneously.

Protected Power Input

Input power from 12-28VDC that is fully compliant with MIL-STD-1275E. Optional High Radiation Nuclear events protection is available.

· Easy Mounting

All products include side-toside mounting holes for easy mounting while maintaining the chassis seal.

Extensive BIT (Built-In-Test) Functionality

Receive status and diagnostics via RS232 regarding the unit's operational readiness. BIT results are reported upon startup, on demand and continuously every 5 minutes.

· TEMPEST Compliant

Compliant with the latest TEMPEST Level A standard.

SK41D-4TR IS BOTH NIAP PP4 FOR PSD COMPLIANT AND MIL SPEC 810G COMPLIANT.





SECURE KVM RUGGED MODELS

MODEL	SK41D-4TR	SC42PHU-4TR/ SC82PHU-4TR/ SC162PHU-4TR	DK82PHU-4TR	SX82PHU-4TR	
MAIN FEATURES					
Description	Secure 4-Ports Rugged KVM Switch	Secure 4/8/16-Ports Rugged KVM Combiner Switch	Secure Dual-Head 8-Ports Rugged KVM Switch	Secure 8-Ports Rugged Mini-Matrix KVM Switch	
No. of Sources	4	4/8/16	8	8	
Displays	1 x HDMI	2 x DP/HDMI	2 x DP/HDMI	2 x DP/HDMI	
DPP Support	No	Yes	Yes	Yes	

MADE IN THE USA,

BAA AND TAA COMPLIANT.

HIGH SEC LABS (HSL)

DEVELOPS HIGH-QUALITY
CYBER-DEFENCE SOLUTIONS FOR
PROTECTING NATIONAL ASSETS AND
INFRASTRUCTURE IN THE FIELD OF
NETWORK AND PERIPHERAL ISOLATION.



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