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SK81PPU-3

HighSecLabs Secure 8-Port 4K30 UHD
DisplayPort KVM Switch with fUSB

| C-KVM



SK81PPU-3 is a secure 8-port, 4K30 UHD DisplayPort KVM switch. It enables users to share peripherals – keyboard, video, mouse, audio, and USB – between eight different security-level networks/computers while isolating all hosts and protecting against data leakage and malicious attacks through shared peripherals. It also enables assigning a USB port to a specific computer while switching other peripherals, such as when a USB smart card reader must remain mapped to a certain computer. SK81PPU-3 provides the highest possible isolation between connected computers and is NIAP Common Criteria Protection Profile version 3.0 (PP3.0) certified

FEATURES

Highest Security by Design - NIAP Common Criteria Protection Profile version 3.0 (PP3.0) certification for peripheral Sharing Switch (PSS) devices

4K30 UHD Resolution - Supports resolutions up to 3840×2160 @30Hz

Work Freely Without Compromising Security - Display and control classified and non-classified computers without compromising security

Prevent Information Leaks - Block peripheral exploits, information leaks, eavesdropping, signal transmission, computer malware, hardware and firmware tampering

Filter USB Peripherals - Allow or block specific USB devices based on VID/PID characteristics

Dual Display - Provides flexible presentation options with duplicate or extend view modes

Smooth Switching Between Computers (Virtual Display Technology) - Automatically switch all peripheral control from one computer to another by dragging the cursor between each computer's display border

Biometric/Smart-Card Reader Support - Connect a smartcard/biometric reader to the secure port to support user authentication across multiple isolated computers

Keyboard Lock Indication - Caps Lock, Num Lock, and Scroll Lock indication on front panel

Versatile and Flexible - Configurable as a KVM switch (default) for sharing a display, keyboard and mouse between connected computers, or KM switch for sharing keyboard and mouse and simultaneously working on multiple computers connected to separate displays



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TECHNICAL SPECIFICATIONS

CONSOLE PORTS:	1 DisplayPort connector, 2 USB-A connectors for keyboard and mouse, 1 USB-A connector for USB devices, 2 DIN-5 connectors for PS/2 keyboard and mouse, 1 3.5mm mini jack for unbalanced stereo audio, 1 RJ45 connector for control (RDC)
COMPUTER PORTS:	8 DisplayPort connectors, 8 USB-B connectors for keyboard and mouse, 8 USB-B connectors for USB devices, 8 3.5mm mini jacks for unbalanced stereo audio
MAX RESOLUTION:	4K30 UHD: 3840X2160 @30Hz via DVI to HDMI cable;DVI dual-link: 2560X1600 @60Hz via DVI cable
WARRANTY:	3 years
POWER REQUIREMENTS:	35W max
AC INPUT:	100 to 240V AC
POWER TYPE:	Internal
OPERATING TEMPERATURE:	32° to 104°F (0° to 40°C)
STORAGE TEMPERATURE:	-4° to 140°F (-20° to 60°C)
HUMIDITY:	0-80% RH, non-condensing
SUPPORTED OS:	Windows, Linux, Mac
SECURITY CERTIFICATION:	NIAP Common Criteria PP3.0 for Peripheral Sharing Switch (PSS) devices
PRODUCT CERTIFICATION:	CE, RCM, FCC class B, VCCI, TUV US, TUV Canada
PRODUCT LIFE-CYCLE:	10 years
Product Dimensions	44.00cm x 19.20cm x 4.80cm (17.32" x 7.56" x 1.89") W, D, H
Product Weight	2.6kg (5.7lbs) approx
Shipping Dimensions	52.50cm x 27.50cm x 11.00cm (20.67" x 10.83" x 4.33") W, D, H
Shipping Weight	3.3kg (7.3lbs) approx