



## DK42PU-3

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

| HDMI | Ethernet - RJ-45



DK42PU-3 is a secure dual head 4-port, 4K30 UHD DisplayPort KVM switch. It enables users to share peripherals – keyboard, video, mouse, audio, and USB – between four 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. DK42PU-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



# KRAMER

## TECHNICAL SPECIFICATIONS

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CONSOLE PORTS:	2 HDMI 1.4 connectors, 2 USB-A connectors for keyboard and mouse, 2 DIN-5 connectors for PS/2 keyboard and mouse, 1 USB-A connector for USB devices, 1 3.5mm mini jack for unbalanced stereo audio, 1 RJ45 connector for control (RDC)
COMPUTER PORTS:	8 DisplayPort 1.2 connectors, 4 USB-B connectors for keyboard and mouse, 4 USB-B connectors for USB devices, 4 3.5mm mini jacks for unbalanced stereo audio
MAX RESOLUTION:	4K30 UHD (3840X2160 @30Hz)
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