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
TECHNICAL SPECIFICATIONS

CONSOLE PORTS: 2 HDMI 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)

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