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DK42PU-3

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

| HDMI | C-KVM



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



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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

Product Dimensions 34.20cm x 15.80cm x 5.70cm (13.46" x 6.22" x 2.24") W, D, H

Product Weight 2.0kg (4.3lbs) approx

Shipping Dimensions 42.00cm x 25.00cm x 8.50cm (16.54" x 9.84" x 3.35") W, D, H

Shipping Weight 2.6kg (5.6lbs) approx

