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SX42DU-3

HighSecLabs Secure 2x4 4K30 UHD DVI-I
Mini-Matrix KVM Switch with fUSB

| DVI | C-KVM



SX42DU-3 is a secure 2x4 4K30 UHD DVI-I mini matrix KVM switch. It enables viewing and controlling four computers with different security classifications simultaneously while securely sharing peripherals – keyboard, video, mouse, audio, and USB devices. 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. SX42DU-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

Independent Peripheral Switching - Supports independently switching video, audio, keyboard, mouse or USB devices between the primary and secondary computers

Work Freely Without Compromising Security - Present the display of any connected computer on both mini-matrix displays at the same time or extend the displays to additional 3rd and 4th external displays

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

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



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TECHNICAL SPECIFICATIONS

CONSOLE PORTS:	2 x DVI-I (single-link/dual-link), 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:	4 DVI-I (single-link/dual-link) 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 via DVI to HDMI cable;DVI dual-link: 2560X1600 @60Hz via DVI cable
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)
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
WARRANTY:	3 years
HUMIDITY:	0-80% RH, non-condensing
Product Dimensions	34.20cm x 14.20cm x 4.60cm (13.46" x 5.59" x 1.81") W, D, H
Product Weight	1.6kg (3.5lbs) approx
Shipping Dimensions	41.00cm x 24.50cm x 7.50cm (16.14" x 9.65" x 2.95") W, D, H
Shipping Weight	2.3kg (5.1lbs) approx