



## SX42DU-3

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

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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

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- **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 3840x2160 @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.

## TECHNICAL SPECIFICATIONS

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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.