



## 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



# KRAMER

## 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