



## SX42HU-3

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

| HDMI | C-KVM



SX42HU-3 is a secure 2x4 4K30 UHD HDMI 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. SX42HU-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 HDMI connectors, 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 HDMI 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)

**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 14.80cm x 4.20cm (13.46" x 5.83" x 1.65" ) W, D, H

**Product Weight** 1.6kg (3.5lbs) approx

**Shipping Dimensions** 42.00cm x 24.50cm x 8.50cm (16.54" x 9.65" x 3.35" ) W, D, H

**Shipping Weight** 2.2kg (4.9lbs) approx

