



# kramer

## SX22PH-3

HighSecLabs Secure SH Mini-Matrix KVM  
Switch 2-Port DP/HDMI to DP/HDMI video  
4K, PP 3.0

| HDMI | C-KVM

SX22PH-3 is a secure 2x2 4K30 UHD DP/HDMI mini-matrix KVM switch. It enables viewing and controlling two computers with different security classifications simultaneously while securely sharing peripherals – keyboard, video, mouse, and audio devices. SX22PH-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, or mouse between the primary and secondary computers

**Work Freely Without Compromising Security** - Display and control classified and non-classified computers without compromising security

**Work Simultaneously on Two Computers** - 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

**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

**Keyboard Lock Indication** - Caps Lock, Num Lock, and Scroll Lock indication on front panel



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## TECHNICAL SPECIFICATIONS

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**CONSOLE PORTS:** 2 DP/HDMI connectors, 2 USB-A connectors for keyboard and mouse, 1 3.5mm mini jack for unbalanced stereo audio, 1 3.5mm mini jack connector for control (RDC)

**COMPUTER PORTS:** 2 DP/HDMI connectors, 2 USB-B connectors for keyboard and mouse, 2 3.5mm mini jacks for unbalanced stereo audio

**MAX RESOLUTION:** 4K30 UHD (3840X2160 @30Hz)

**WARRANTY:** 3 years

**POWER REQUIREMENTS:** 12V DC, 1.5A

**AC INPUT:** 100 to 240V AC

**POWER TYPE:** External

**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** 17.70cm x 8.20cm x 3.50cm (6.97" x 3.23" x 1.38" ) W, D, H

**Product Weight** 0.5kg (1.1lbs) approx

**Shipping Dimensions** 24.50cm x 20.50cm x 8.50cm (9.65" x 8.07" x 3.35" ) W, D, H

**Shipping Weight** 0.8kg (1.8lbs) approx

