



# kramer

## SK21H-3

HighSecLabs Secure 2-Port 4K30 UHD  
HDMI KVM Switch

| HDMI | C-KVM



SK21H-3 is a secure 2-port, small-form-factor 4K30 UHD HDMI KVM switch. It enables users to share peripherals – keyboard, mouse and monitor – between two different security-level networks/computers. It provides the highest possible isolation between two connected computers and is NIAP Common Criteria Protection Profile version 3.0 (PP3.0) certified

## FEATURES

**Small Form Factor** - Occupies minimum desktop space

**HDMI Video Support** - 4K UHD HDMI with resolutions up to 3840×2160; two computers connected to a single display

**AUX Channel Protection** - Patented AUX channel firewall technology prevents leakage, signaling attacks prevented by design, fully functional EDID

**Highest Security by Design** - NIAP Common Criteria PP3.0 for Peripheral Sharing Switch (PSS) devices

**Hardware-Based Peripheral Isolation** - No dependency on firmware or software, all firmware on ROM, no keyboard buffering or memory

**Unidirectional Optical Data Diodes** - Assures USB peripheral isolation, data flows from devices to host only

**Peripheral Security** - Full USB device filtering to assure support for keyboard and mouse only

**Active Anti Tampering System** - Always-on with 10 years battery, holographic tampering evident labels



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## TECHNICAL SPECIFICATIONS

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**CONSOLE PORTS:** 1 x HDMI connector, 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 HDMI connectors, 2 USB-B connectors for keyboard and mouse, 2 3.5mm mini jacks for unbalanced stereo audio

**MAX RESOLUTION:** 4K30 UHD with resolutions up to 3840x2160

**WARRANTY:** 3 years

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

**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

