



# kramer

## SX42HU-M

HighSecLabs Matzov Secure SH Mini-Matrix  
KVM 4K 4x2 HDMI, w/fUSB

| HDMI | C-KVM



SX42HU-M 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-M provides the highest possible isolation between connected computers and is NIAP Common Criteria Protection Profile version 3.0 (PP3.0) certified

### FEATURES

**Optimize user experience when working with multiple computers** - View and control two out-of-four computers at the same time while securely sharing keyboard, video, mouse, audio and USB devices

**Independently switch the Video/USB/Audio/Keyboard & Mouse ports between computers** - Use the front-panel push buttons to independently switch the Video/USB/Audio/Keyboard & Mouse ports between the primary and secondary computers

**Useful for various scenarios, for instance** - When a USB smart card reader must remain mapped to a certain computer while the keyboard, video, mouse and audio are switched to another computer. When a user has to listen to audio originating from one computer while working on another computer

**Smoothly switch between computers (Virtual Display Technology)** - Automatically switch control from one computer to another by dragging the mouse cursor over the computer's display border. Peripherals switch to the next computer without having to press any buttons once the mouse is passing the display border

**View applications in Ultra High Definition (UHD) 4K video quality** - Never compromise on video quality. Run graphic-intensive, ultrahigh definition applications on all Mini-Matrix models

**Avoid typing mistakes** - Since two-way communication is blocked by the Mini-Matrix security, keyboard lock LEDs do not function. Help users avoid typing mistakes by visually indicating the status of keyboard locks (CAPS-LOCK | NUM LOCK | SCROLL LOCK) on the product's front facing panel

**Work simultaneously on two computers, view the screens of four computers** - Connect up to four computers and two displays to the Mini-Matrix. Select which computer to present on each of the two attached displays.

Displays can be positioned in various layouts (Horizontal / Vertical / Custom). Duplicate the screen of any computer by presenting it on both Mini-Matrix displays at the same time. Extend the screen of any computer to an additional 3rd and 4th external displays



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## 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

