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SX42PHU-3

HighSecLabs Secure SH Mini-Matrix KVM
4-Port DP/HDMI to DP/HDMI video, w/fUSB,
PP 3.0

| C-KVM



SX42PHU-3 is a secure 2x4 4K30 UHD DP/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. SX42PHU-3 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 passes 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

CONSOLE PORTS: 2 x DisplayPort 1.2; 1 Mouse and Keyboard – USB Type A; PS/2, Audio – 3.5 mm Jack; fUSB – USB Type A

COMPUTER PORTS: 4 x DisplayPort 1.2; 1 Mouse and Keyboard – USB Type B; Audio – 3.5 mm Jack, fUSB – USB Type B

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)

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

WARRANTY: 3 years

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