SX42DU-3 is a secure 2x4 4K30 UHD DVI-I 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. SX42DU-3 provides the highest possible isolation between connected computers and is NIAP Common Criteria Protection Profile version 3.0 (PP3.0) certified.

<table>
<thead>
<tr>
<th>FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Highest Security by Design</strong> - NIAP Common Criteria Protection Profile version 3.0 (PP3.0) certification for peripheral Sharing Switch (PSS) devices</td>
</tr>
<tr>
<td><strong>4K30 UHD Resolution</strong> - Supports resolutions up to 3840×2160 @30Hz</td>
</tr>
<tr>
<td><strong>Independent Peripheral Switching</strong> - Supports independently switching video, audio, keyboard, mouse or USB devices between the primary and secondary computers</td>
</tr>
<tr>
<td><strong>Work Freely Without Compromising Security</strong> - 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</td>
</tr>
<tr>
<td><strong>Prevent Information Leaks</strong> - Block peripheral exploits, information leaks, eavesdropping, signal transmission, computer malware, hardware and firmware tampering</td>
</tr>
<tr>
<td><strong>Filter USB Peripherals</strong> - Allow or block specific USB devices based on VID/PID characteristics</td>
</tr>
<tr>
<td><strong>Smooth Switching Between Computers (Virtual Display Technology)</strong> - Automatically switch all peripheral control from one computer to another by dragging the cursor between each computer’s display border</td>
</tr>
<tr>
<td><strong>Biometric/Smart-Card Reader Support</strong> - Connect a smartcard/biometric reader to the secure port to support user authentication across multiple isolated computers</td>
</tr>
<tr>
<td><strong>Keyboard Lock Indication</strong> - Caps Lock, Num Lock, and Scroll Lock indication on front panel</td>
</tr>
</tbody>
</table>
## TECHNICAL SPECIFICATIONS

### CONSOLE PORTS:
- 2 x DVI-I (single-link/dual-link)
- 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 DVI-I (single-link/dual-link)
- 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 via DVI to HDMI cable; DVI dual-link: 2560X1600 @60Hz via DVI cable

### 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 14.20cm x 4.60cm (13.46” x 5.59” x 1.81”) W, D, H

### Product Weight
- 1.6kg (3.5lbs) approx

### Shipping Dimensions
- 41.00cm x 24.50cm x 7.50cm (16.14” x 9.65” x 2.95”) W, D, H

### Shipping Weight
- 2.3kg (5.1lbs) approx