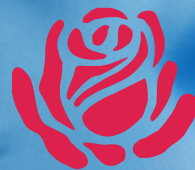# Secure KVM Switches

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WHY SECURE KVM

Traditional non-secure KVM switches offer centralized control of multiple computers, but offer no absolute isolation between them. This exposes systems to the possibility of malicious damage, disruption, and transfer of sensitive data from one computer to another.

IPGard's Secure KVM Switches are designed for use in secure defense and intelligence applications where sensitive data must be protected. The products are NIAP PP 3.0 certified and equipped with the highest security features that meet today's safe control standards. The switches prevent data leakage between computers that can run at different security levels and prevents any potential cyber threat.

All the products feature mechanical, electrical, and optical signal isolation to prevent hacking and data leakage in environments where security is paramount. Each port uses its own isolated data channel and each unit uses a non-reprogrammable ROM to secure and protect the switch's functions. The front panel has tactile buttons with LED indicators to indicate status, so securely switching between sources is always simple.

APPLICATIONS

- Government Operations
- Defense Applications
- Secure Control Rooms
- Corporate Communications
- Server Operations
- Educational Administrations
- Medical Facilities
- Banking Networks
- Insurance Data Centers
- Transit Management
- Industrial Operations
- Intelligence Communications

IPGARD KVM SWITCH FAMILY

IPGard's extensive family of single-user KVM switches is available in three flavors of video interface: DVI, DisplayPort, and HDMI. The DVI models use a DVI-I interface which supports single-link DVI, dual-link DVI, VGA, and HDMI. DVI connections use a standard male-to-male DVI cable. VGA and HDMI use passive adapters/cables available from Rose. DisplayPort models are available with either DisplayPort out or HDMI out. HDMI models use standard type A connectors. All models support 4K resolution and analog audio switching. DisplayPort and HDMI models pass through digital audio. Most models are available as multi-headed computers either dual or quad. Please see selection guide for availability. The product is also available without a video interface. This model is used when computers are directly connected to their video display for simultaneous viewing. The seamless mouse switching feature allows moving control from one computer to another by mouse movement only.

CAC SUPPORT

Most IPGard switches are available with or without a dedicated CAC USB port. This allows use of smart-card, biometric readers, or other security devices strengthening security when using the product. IPGard has very powerful and advanced CAC security features that permit users to assign specific peripheral devices to the CAC port. Once a peripheral device has been registered by an authenticated administrator, users can then switch the connection between that device and the PCs along with KVM switching. The data sent between the CAC port and the computer passes through the IPGard switch transparently through its USB interface and is never saved or stored.

KEYBOARD AND MOUSE EMULATION

The Secure KVM emulates (simulates) the presence of a keyboard and mouse for every attached computer through a USB cable. Both selected and non-selected computers maintain a constant connection with the unit's keyboard-mouse emulation controllers, allowing for ultra-fast switching and restricting discovery of newly connected peripherals during switching operations. Emulation of keyboard and mouse also prevents direct connection between the peripherals and the connected computers, shielding systems from potential vulnerabilities.

SECURE EDID LEARN AND VIDEO EMULATION

IPGard switches simulate a generic EDID as default, allowing it to operate with standard monitors. Both selected and non-selected computers maintain a constant connection with the unit's video emulation controllers, allowing for ultra-fast switching and restricting discovery of newly connected monitors during switching operations. Upon activating the KVM switch, the unit quickly and automatically learns new EDID codes for attached monitors. The unit then prevents unwanted and unsecure data from being transmitted through DDC lines by means of secure EDID learning and emulation.

ABOUT IPGARD

IPGARD is a BAA-compliant Nevada corporation specializing in the development and manufacturing of cyber-security solutions. Founded by veterans of the Air Force and KVM market, IPGARD is an American innovator of cutting-edge digital protection products. IPGARD offers solutions built to fit each of our clients' unique sets of needs, including KVM switches, extenders, and fiber optic technology products. From identifying vulnerabilities to securely isolating networks, IPGARD holds the promise of American-made digital protection for financial, military, and consumer markets.

ABOUT ROSE ELECTRONICS

Rose Electronics, based in Houston, Texas with offices in major cities around the world, is recognized as the pioneer of KVM switch technology, offering the industry's most comprehensive range of switching, extension, and video processing products such as KVM Switches, KVM Extenders, Video Walls, Multi Viewers, KVM Rack Drawers, Video Splitters, and Converters.

Rose Electronics products are known for their quality, scalability, ease of use, and innovative technology. Rose products are used in a wide variety of applications. Rose customers depend upon Rose products for their robust operation in solutions for broadcast, control room, conference room, data center, digital signage, educational, entertainment, financial, hospitality, industrial, medical, military, security, transportation, and other applications.

Secure KVM Switch selection guide

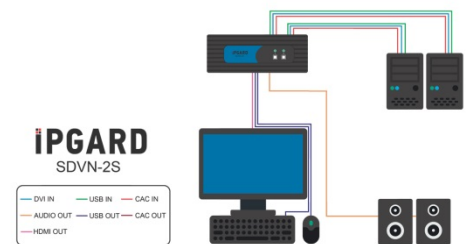| Part number	Video in	Video out	Ports	Head	4K	VGA	CAC	Audio	Page
SDVN-2S	Dual-link DVI-I	Dual-link DVI-I	2	Single	✓	✓		✓	1
SDVN-2S-P	Dual-link DVI-I	Dual-link DVI-I	2	Single	✓	✓	✓	✓	1
SDVN-2D	Dual-link DVI-I	Dual-link DVI-I	2	Dual	✓	✓		✓	2
SDVN-2D-P	Dual-link DVI-I	Dual-link DVI-I	2	Dual	✓	✓	✓	✓	2
SDVN-4S	Dual-link DVI-I	Dual-link DVI-I	4	Single	✓	✓		✓	3
SDVN-4S-P	Dual-link DVI-I	Dual-link DVI-I	4	Single	✓	✓	✓	✓	3
SDVN-4D	Dual-link DVI-I	Dual-link DVI-I	4	Dual	✓	✓		✓	4
SDVN-4D-P	Dual-link DVI-I	Dual-link DVI-I	4	Dual	✓	✓	✓	✓	4
SDVN-8S	Dual-link DVI-I	Dual-link DVI-I	8	Single		✓		✓	5
SDVN-8S-P	Dual-link DVI-I	Dual-link DVI-I	8	Single		✓	✓	✓	5
SDVN-8D	Dual-link DVI-I	Dual-link DVI-I	8	Dual		✓		✓	6
SDVN-8D-P	Dual-link DVI-I	Dual-link DVI-I	8	Dual		✓	✓	✓	6
SDVN-16S	Dual-link DVI-I	Dual-link DVI-I	16	Single		✓		✓	7
SDVN-16S-P	Dual-link DVI-I	Dual-link DVI-I	16	Single		✓	✓	✓	7
SDVN-4Q-P	Dual-link DVI-I	Dual-link DVI-I	4	Quad	✓	✓	✓	✓	8
SDPN-2S	DisplayPort	DisplayPort	2	Single	✓			✓	9
SDPN-2S-P	DisplayPort	DisplayPort	2	Single	✓		✓	✓	9
SDPN-2D	DisplayPort	DisplayPort	2	Dual	✓			✓	10
SDPN-2D-P	DisplayPort	DisplayPort	2	Dual	✓		✓	✓	10
SDPN-4S	DisplayPort	DisplayPort	4	Single	✓			✓	11
SDPN-4S-P	DisplayPort	DisplayPort	4	Single	✓		✓	✓	11
SDPN-4D	DisplayPort	DisplayPort	4	Dual	✓			✓	12
SDPN-4D-P	DisplayPort	DisplayPort	4	Dual	✓		✓	✓	12
SDPN-4Q-P	DisplayPort	DisplayPort	4	Quad	✓		✓	✓	13
SDHN-2S-P	DisplayPort	HDMI	2	Single	✓		✓	✓	14
SDHN-4S-P	DisplayPort	HDMI	4	Single	✓		✓	✓	14
SDHN-2D-P	DisplayPort	HDMI	2	Dual	✓		✓	✓	15
SDHN-4D-P	DisplayPort	HDMI	4	Dual	✓		✓	✓	15
SDHN-4Q-P	DisplayPort	HDMI	4	Quad	✓		✓	✓	16
SKMN-4S	No video	No video	4	No video	No video			✓	17
SKMN-4S-P	No video	No video	4	No video	No video		✓	✓	17
SKMN-8S	No video	No video	8	No video	No video			✓	18
SKMN-8S-P	No video	No video	8	No video	No video		✓	✓	18

SDVN-2S   Secure 2-port, single-head DVI-I KVM switch

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- 4K Ultra-HD resolution – up to 3840×2160 @ 30Hz via HDMI adapter
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
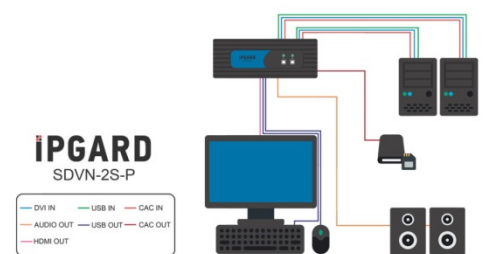 Protection Profile for Peripheral Sharing Switch Version 3.0

1

SDVN-2S-P   Secure 2-port, single-head DVI-I KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- 4K Ultra-HD resolution – up to 3840×2160 @ 30Hz via HDMI adapter
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
  Protection Profile for Peripheral Sharing Switch Version 3.0

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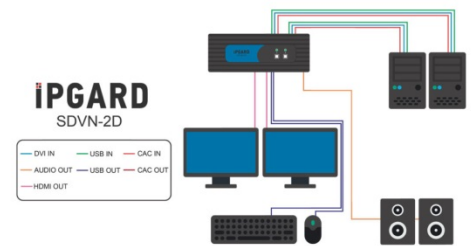# Secure KVM Switches DVI-I Dual-Link

SDVN-2D   Secure 2-port, dual-head DVI-I KVM switch

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- 4K Ultra-HD resolution – up to 3840×2160 @ 30Hz via HDMI adapter
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
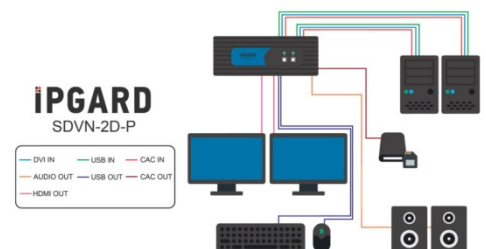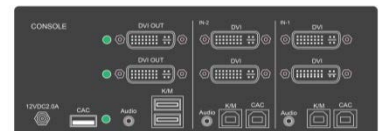 Protection Profile for Peripheral Sharing Switch Version 3.0

SDVN-2D-P   Secure 2-port, dual-head DVI-I KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- 4K Ultra-HD resolution – up to 3840×2160 @ 30Hz via HDMI adapter
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
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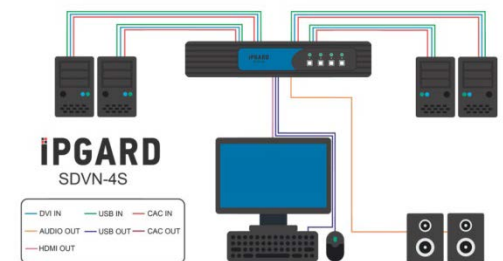**WWW.ROSE.COM**

Secure KVM Switches DVI-I Dual-Link

SDVN-4S   Secure 4-port, single-head DVI-I KVM switch

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- 4K Ultra-HD resolution – up to 3840×2160 @ 30Hz via HDMI adapter
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
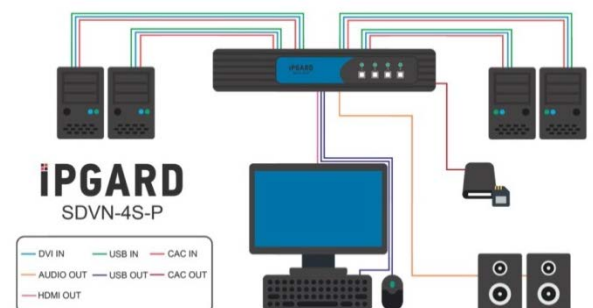 Protection Profile for Peripheral Sharing Switch Version 3.0

3

SDVN-4S-P   Secure 4-port, single-head DVI-I KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- 4K Ultra-HD resolution – up to 3840×2160 @ 30Hz via HDMI adapter
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
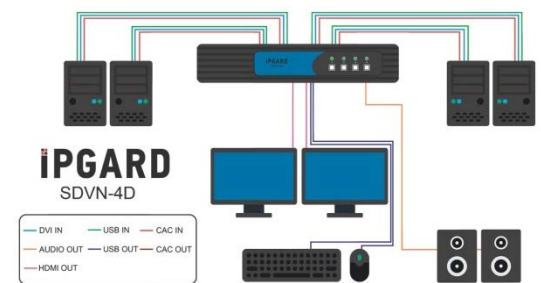 Protection Profile for Peripheral Sharing Switch Version 3.0

SDVN-4D   Secure 4-port, dual-head DVI-I KVM switch

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- 4K Ultra-HD resolution – up to 3840×2160 @ 30Hz via HDMI adapter
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
  Protection Profile for Peripheral Sharing Switch Version 3.0
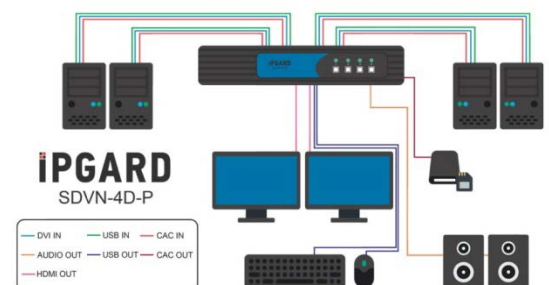

4

SDVN-4D-P   Secure 4-port, dual-head DVI-I KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- 4K Ultra-HD resolution – up to 3840×2160 @ 30Hz via HDMI adapter
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
  Protection Profile for Peripheral Sharing Switch Version 3.0

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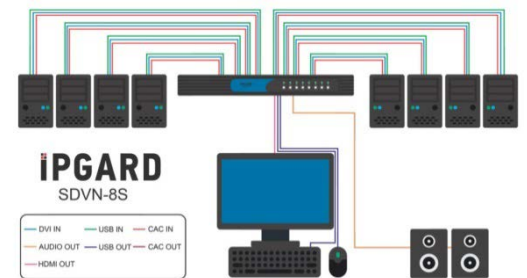**WWW.ROSE.COM**

Secure KVM Switches DVI-I Dual-Link

SDVN-8S Secure 8-port, single-head DVI-I KVM switch

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
  Protection Profile for Peripheral Sharing Switch Version 3.0

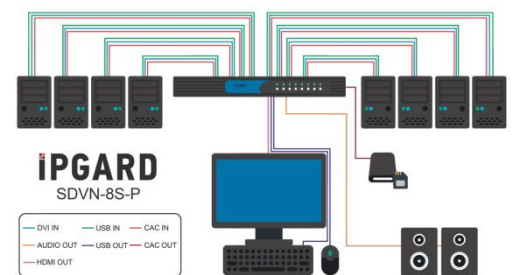## SDVN-8S-P Secure 8-port, single-head DVI-I KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
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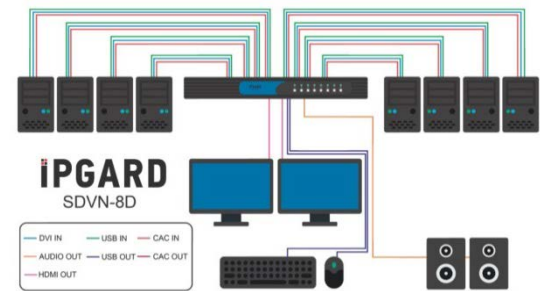# Secure KVM Switches DVI-I Dual-Link

SDVN-8D   Secure 8-port, dual-head DVI-I KVM switch

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
  Protection Profile for Peripheral Sharing Switch Version 3.0

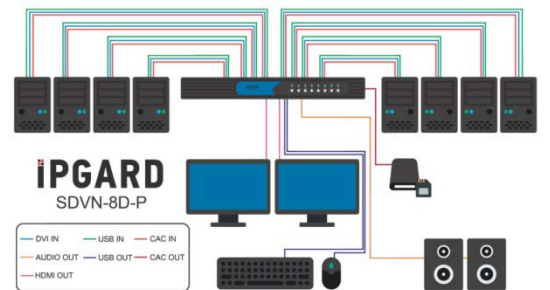## SDVN-8D-P   Secure 8-port, dual-head DVI-I KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
  Protection Profile for Peripheral Sharing Switch Version 3.0

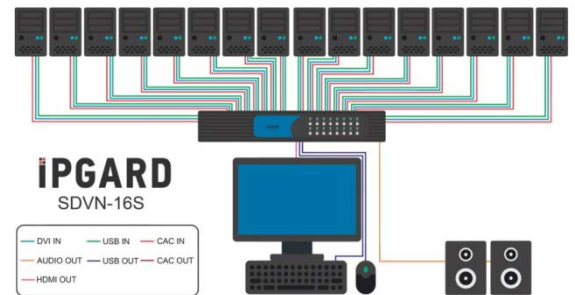# Secure KVM Switches DVI-I Dual-Link

SDVN-16S   Secure 16-port, single-head DVI-I KVM switch

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
  Protection Profile for Peripheral Sharing Switch Version 3.0

SDVN-16S-P   Secure 16-port, single-head DVI-I KVM switch with dedicated CAC port
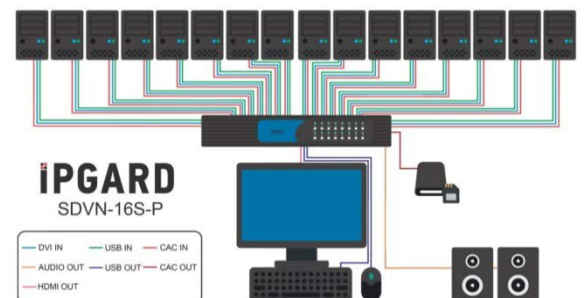
KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
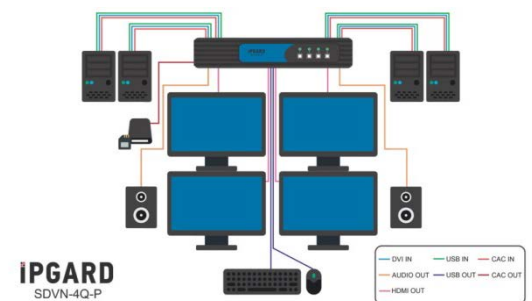 Protection Profile for Peripheral Sharing Switch Version 3.0

SDVN-4Q-P Secure 4-port, quad-head DVI-I KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Quad-head DVI-I video interface supports DVI, VGA, and HDMI
- Maximum resolution – VGA: 2048×1536 @60Hz via adapter
  DVI single-link: 1920x1200 @60Hz DVI dual-link: 2560x1600 @60Hz
- 4K Ultra-HD resolution – up to 3840×2160 @ 30Hz via HDMI adapter
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
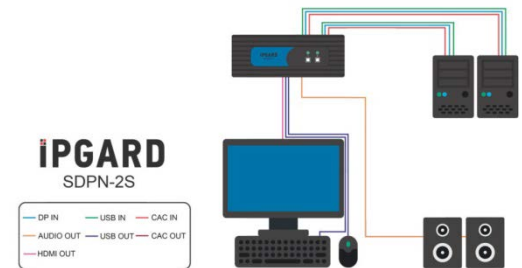 Protection Profile for Peripheral Sharing Switch Version 3.0

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SDPN-2S   Secure 2-port, single-head DisplayPort KVM switch

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DisplayPort video interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
  Protection Profile for Peripheral Sharing Switch Version 3.0

SDPN-2S-P   Secure 2-port, single-head DisplayPort KVM switch with dedicated CAC port
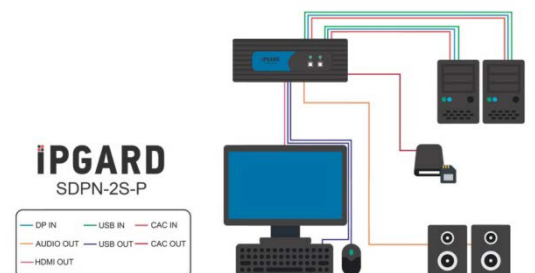
KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DisplayPort video interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
  Protection Profile for Peripheral Sharing Switch Version 3.0

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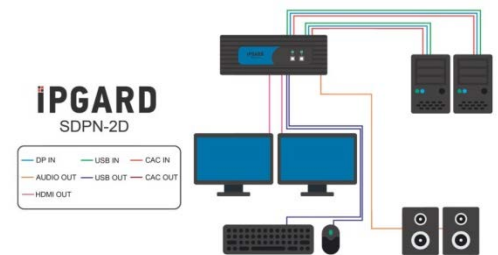**ROSE ELECTRONICS**
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SDPN-2D   Secure 2-port, dual-head DisplayPort KVM switch

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DisplayPort video interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
  Protection Profile for Peripheral Sharing Switch Version 3.0

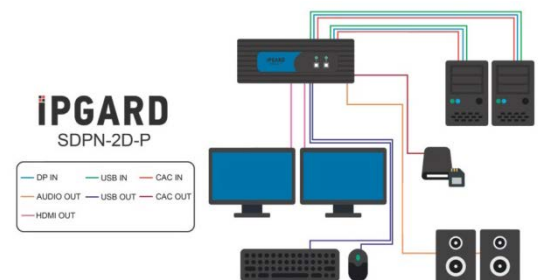## SDPN-2D-P   Secure 2-port, dual-head DisplayPort KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DisplayPort video interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
  Protection Profile for Peripheral Sharing Switch Version 3.0

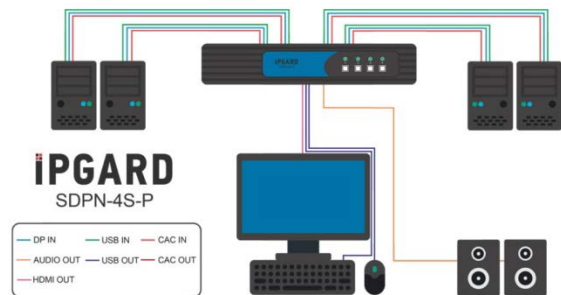## SDPN-4S   Secure 4-port, single-head DisplayPort KVM switch

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DisplayPort video interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0

SDPN-4S-P   Secure 4-port, single-head DisplayPort KVM switch with dedicated CAC port
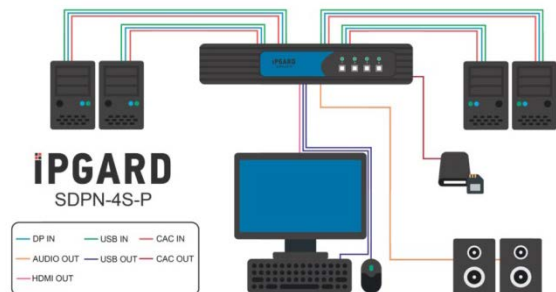
KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DisplayPort video interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0

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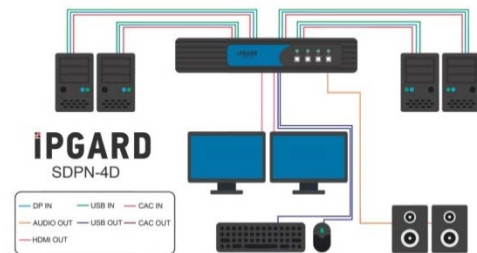**ROSE ELECTRONICS**
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SDPN-4D   Secure 4-port, dual-head DisplayPort KVM switch

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DisplayPort video interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0

SDPN-4D-P   Secure 4-port, dual-head DisplayPort KVM switch with dedicated CAC port

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KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DisplayPort video interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
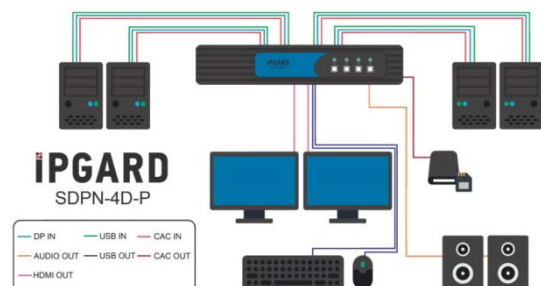- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0

Secure KVM Switches DisplayPort

SDPN-4Q-P   Secure 4-port, quad-head DisplayPort KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Quad-head DisplayPort video interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
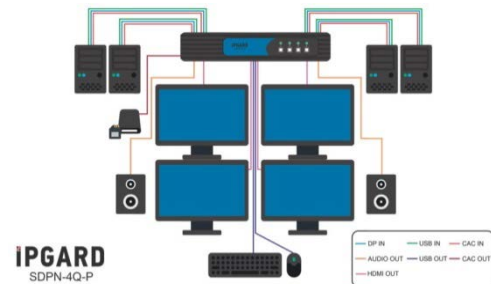 Protection Profile for Peripheral Sharing Switch Version 3.0

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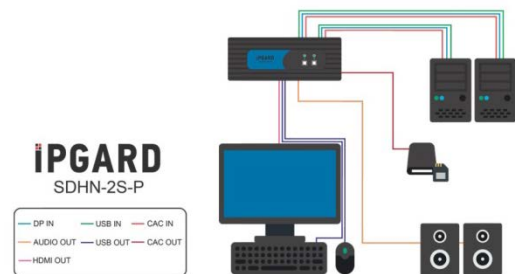brochure-secure-switch ▪ 2017-08-17

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SDHN-2S-P   Secure 2-port, single-head DisplayPort-to-HDMI KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DisplayPort to HDMI interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0
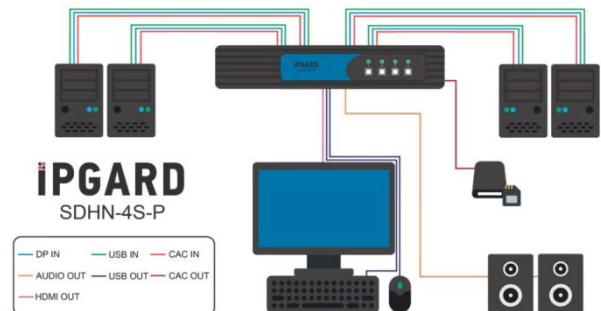

iPGARD
SDHN-2S-P

DP IN	USB IN	CAC IN
AUDIO OUT	USB OUT	CAC OUT
HDMI OUT		

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SDHN-4S-P   Secure 4-port, single-head DisplayPort-to-HDMI KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Single-head DisplayPort to HDMI interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0
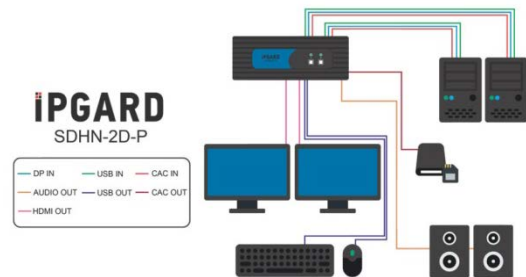

iPGARD
SDHN-4S-P

DP IN	USB IN	CAC IN
AUDIO OUT	USB OUT	CAC OUT
HDMI OUT		

Secure KVM Switches DisplayPort 2/4-PORT DUAL-HEAD HDMI-OUT

SDHN-2D-P Secure 2-port, dual-head DisplayPort-to-HDMI KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DisplayPort to HDMI interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0
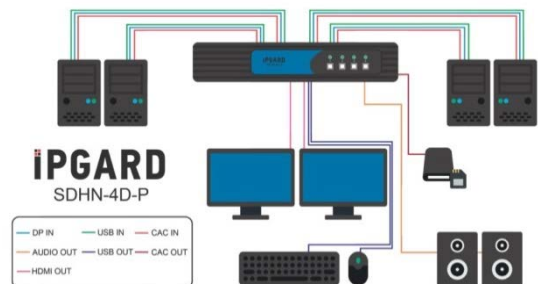
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SDHN-4D-P Secure 4-port, dual-head DP-to-HDMI KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Dual-head DisplayPort to HDMI interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0)
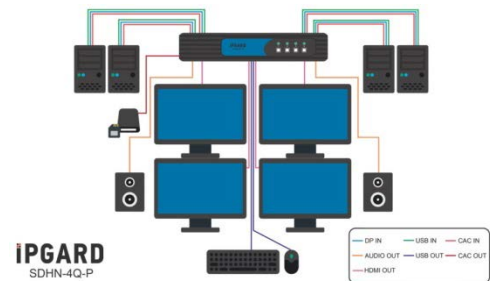
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SDHN-4Q-P   Secure 4-port, quad-head DisplayPort-to-HDMI KVM switch with dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Quad-head DisplayPort to HDMI interface
- 4K Ultra-HD resolution — supports up to 3840×2160 @ 30Hz
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse, and Video emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria
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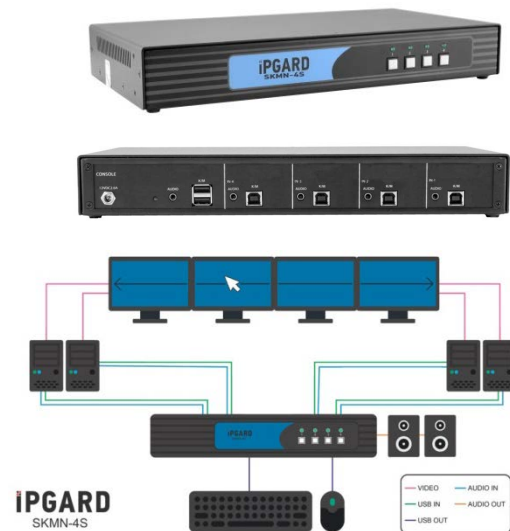
Secure KM Switches USB

SKMN-4S Secure 4-port USB KM switch with audio support

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Seamless mouse switching technology
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard and mouse emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0
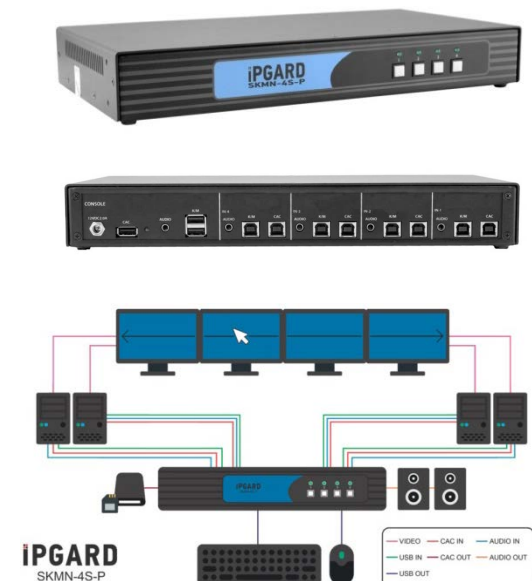

SKMN-4S-P Secure 4-port USB KM switch with audio and dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Seamless mouse switching technology
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard and mouse emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0

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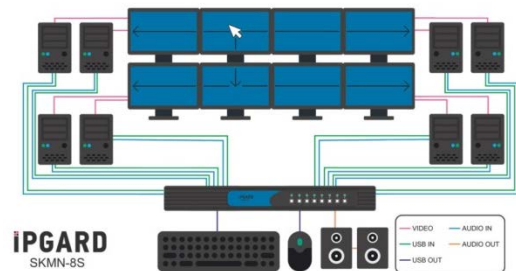**WWW.ROSE.COM**

Secure KM Switches USB

SKMN-8S   Secure 8-port USB KM switch with audio support

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Seamless mouse switching technology
- Supports stereo analog audio switching
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard and mouse emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0
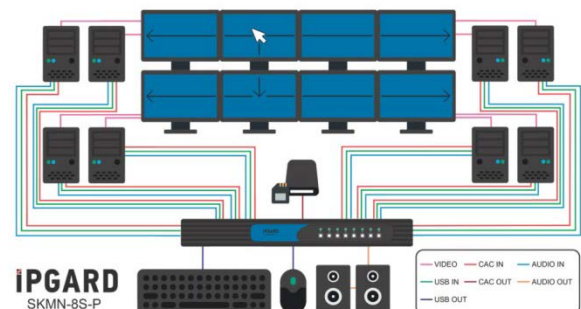

SKMN-8S-P   Secure 8-port USB KM switch with audio and dedicated CAC port

KEY FEATURES

- Supports Windows, Mac, and Linux OS
- Seamless mouse switching technology
- Supports stereo analog audio switching
- Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply – Level VI efficiency

SECURITY FEATURES

- Non-reprogrammable ROM
- Active anti-tamper switches
- Long-life internal anti-tampering battery
- External tamper-evident seals
- Keyboard and mouse emulation
- Absolute isolation – No data leakage between ports
- Certified by NIAP, the latest Common Criteria Protection Profile for Peripheral Sharing Switch Version 3.0)

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