

# SmartAVI SA-DPN-4Q-P 4 Port DP Secure KVM Switch User Guide

## Contents

- [1 SmartAVI SA-DPN-4Q-P 4 Port DP Secure KVM Switch](#)
- [2 Product Usage Instructions](#)
- [3 Documents / Resources](#)
  - [3.1 References](#)
- [4 Related Posts](#)

## SmartAVI SA-DPN-4Q-P 4 Port DP Secure KVM Switch

### Technical Specifications

- VIDEO Host Interface: Display Port 20-pin F (16 ports)
- User Console Interface: Display Port 20-pin F (4 ports)
- Max Resolution: 3840 x 2160 @ 60Hz
- DDC Input Equalization: 5 volts p-p (TTL)
- Input Cable Length: Up to 20 ft.
- Output Cable Length: Up to 20 ft.
- Signal Type: USB
- USB Connectors: (8) USB Type B; (2) USB Type A for keyboard/mouse connections; (1) USB Type A for CAC
- AUDIO Input: (4) Connector stereo 3.5 mm female
- AUDIO Output: (1) Connector stereo 3.5 mm female
- Power Requirements: 12V DC, 3A power adapter with center-pin positive polarity
- Operating Temp: N/A
- Storage Temp: N/A
- Humidity: N/A

### Product Usage Instructions

#### EDID LEARN

The KVM switch is designed to learn a connected monitor's EDID upon power up. In the event of connecting a new monitor to the KVM, a power recycle is required.

The KVM switch will indicate the unit's EDID learn process is active by flashing the front panel's LEDs in sequential order. Starting with the LED above button 1 on the front panel, each LED will flash green for approximately 10 seconds upon beginning the EDID learn. Once all the LEDs stop flashing, the LEDs will cycle and the EDID learn will be complete.

If the KVM switch has more than one video board (such as dual-head and quad-head models), then the unit will continue to learn the EDIDs of the connected monitors and indicate the progress of the process by flashing the next port selection green and blue push-button LEDs respectively.

A monitor must be connected to the video output port located in the console space at the back of the KVM switch during the EDID learn process.

If the read EDID from the connected monitor is identical to the current stored EDID in the KVM switch, then the EDID learn function will be skipped.

## Hardware Installation


1. Ensure that power is turned off or disconnected from the unit and the computers.
2. Use Display Port cables to connect the Display Port output ports from each computer to the corresponding Display Port in ports of the unit.
3. Use a USB cable (Type-A to Type-B) to connect a USB port on each computer to the respective USB ports of the unit.
4. Optionally, for CAC models, connect a CAC (Common Access Card, Smart Card Reader) to the CAC port in the user console interface.
5. Optionally, connect a stereo audio cable (3.5 mm to 3.5 mm) to connect the audio output of the KVM switch to external speakers or headphones.

## What's in the Box



- 1 x 4-Port, Quad-Head, DisplayPort with CAC (Part No. SA-DPN-4Q-P)
- 1 x 12-VDC, 2-A power adapter with center-pin positive polarity
- 1 x Quick Start Guide

## FAQ

1. Q: Where can I download the full manual for the product?  
A: The full manual can be downloaded from [www.ipgard.com/documentation/](http://www.ipgard.com/documentation/)
2. Q: What is the power requirement for the KVM switch?  
A: The KVM switch requires a 12V DC, 3A power adapter with center-pin positive polarity.
3. Q: What is the maximum resolution supported by the KVM switch?  
A: The KVM switch supports a maximum resolution of 3840 x 2160 @ 60Hz.
4. Q: How long can the input and output cables be?  
A: The input and output cables can be up to 20 ft. in length.

	<p><a href="#">SmartAVI SA-DPN-4Q-P 4 Port DP Secure KVM Switch</a> [pdf] User Guide</p> <p>SA-DPN-4Q-P 4 Port DP Secure KVM Switch, SA-DPN-4Q-P, 4 Port DP Secure KVM Switch, Secure KVM SwitchKVM Switch</p>
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References

-  [Home | IPGARD](#)
-  [Documentation | IPGARD](#)
- [User Manual](#)