TECHNICAL SPECIFICATIONS

VIDEO	
Format	DisplayPort
Max. Pixel Clock	248 MHz
Input Interface	(4) DisplayPort 20-pin
Output Interface	(2) DisplayPort 20-pin
Resolution	Up to 4K (3840x2160@30Hz)
DDC	5 volts p-p (TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft.
Output Cable Length	Up to 20 ft.
Data Rate	1.65 Gbps
USB	
Input Interface	(8) USB Type B
Output Interface	(2) USB 1.1 Type A for KM Devices
Emulation	USB 1.1 and USB 2.0 Compatible
CAC	Configurable USB 2.0 Port
AUDIO	
Audio Input	(4) 3.5mm stereo audio
Audio Output	(1) 3.5mm stereo audio
CONTROL	
Front Panel	Front panel SELECT buttons
OTHER	
Power	External 100-240 VAC/ 12VDC3A @ 36W
Dimensions	12.57" W x 1.76" H x 6.69" D
Weight	4.2 lbs
Approvals	NIAP PP 4.0, UL, CE, ROHS Compliant
Operating Temp.	+32 to +104°F (0 to +40°C)
Storage Temp.	-4 to 140°F (-20 to +60°C)
Humidity	Up to 80% (no condensation)

WHAT'S IN THE BOX

VIDEO	Q-TY	DESCRIPTION
CK4-PS104C	1	Secure 4-Port, SH DP KVM Switch with CAC Port and Preview Screen
12VDC3A	1	12V DC, 3A power adapter with center-pin positive polarity.
	1	Quick Start Guide

NOTICE

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DESIGNED AND MADE IN THE USA

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Sekuryx™

CK4-PS104C

Secure 4-Port, SH DP KVM Switch with CAC Port and Preview Screen

QUICK START GUIDE

Full manual link is
https://www.sekuryx.com/documents-niap4/

EDID LEARN

The KVM is designed to learn the 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 will indicate to the user the EDID learn process by flashing the front panel's LEDs. Port one green and push button blue LEDs will both begin to flash for about 10 seconds. When the LEDs stop flashing, the EDID learn process is done.

If the KVM 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 push button blue LEDs respectively.

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

If the read EDID from the connected monitor is identical to the current stored EDID in the KVM 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 DisplayPort cables to connect the DisplayPort output ports from each computer to the corresponding DP 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 computer(s) to the audio in ports of the unit.
6. Connect monitor(s) to the DP OUT console port of the unit using DisplayPort cable(s).
7. Connect a USB keyboard and mouse in the two USB console ports.
8. Optionally, connect stereo speakers to the audio out port of the unit.
9. Finally, power on the secure KVM switch by connecting a 12-VDC power supply to the power connector, and then turn on all the computers.

Note: The computer connected to port 1 will always be selected by default after power up.
Note: You can connect 4 computer to the 4 port KVM.

- DP IN
- USB K/M IN
- USB CAC IN
- AUDIO IN
- DP OUT
- USB K/M OUT
- USB CAC OUT
- AUDIO OUT

CK4-PS104C