TECHNICAL SPECIFICATIONS

VIDEO		
Format	DisplayPort, HDMI	
Max. Pixel Clock	248 MHz	
Input Interface	(2) DisplayPort 20-pin	
Output Interface	(2) HDMI 19-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	(4) 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	(2) 3.5mm stereo audio	
Audio Output	(1) 3.5mm stereo audio	
CONTROL		
Front Panel	Front panel SELECT buttons	
OTHER		
Power	External 100-240 VAC/ 12VD- C3A @ 36W	
Dimensions	8.8" W x 2.63" H x 6.69" D	
Weight	3.85 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	QTY	DESCRIPTION
CK4-PM102C	1	Secure 2-Port, SH DP MST KVM Switch with CAC Port
12VDC3A	1	12V DC, 3A power adapter with center-pin positive polarity.
	1	Quick Start Guide

NOTICE

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QUICK START GUIDE



CK4-PM102C

Secure 2-Port Dual-Monitor KVM Switch, NIAP, DP to HDMI, Made in the USA







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.
- Connect monitor(s) to the HDMI OUT console port of the unit using HDMI 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 2 computer to the 2 port KVM.



