

## TECHNICAL SPECIFICATIONS

| VIDEO               |                                      |
|---------------------|--------------------------------------|
| Format              | DisplayPort                          |
| Max. Pixel Clock    | 248 MHz                              |
| Input Interface     | (8) DisplayPort 20-pin               |
| Output Interface    | (1) DisplayPort 20-pin               |
| Resolution          | Up to 4K (3840x2160@60Hz)            |
| 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       |
| AUDIO               |                                      |
| Audio Input         | (8) 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          | 17.0" W x 1.76" H x 8.69" D          |
| Weight              | 6.3 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-P108 | 1   | Secure 8-Port, SH DP KVM Switch                             |
| 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-P108

**Secure 8-Port KVM Switch, NIAP, DP, 4K30, 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, 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.
5. Connect monitor(s) to the DP OUT console port of the unit using DisplayPort cable(s).
6. Connect a USB keyboard and mouse in the two USB console ports.
7. Optionally, connect stereo speakers to the audio out port of the unit.
8. 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 8 computer to the 8 port KVM.

