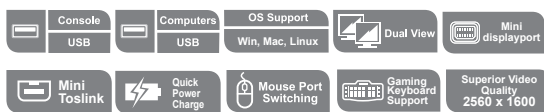# CS1942 / CS1944

## 2/4-Port USB2.0 Mini DisplayPort Dual View KVMP Switch

The CS1942 / CS1944 2/4-port USB 2.0 Dual View Mini DisplayPort KVMP Switch allows access to 2/4 computers from a single USB keyboard and USB mouse with dual displays. The KVM switches amazing functionality combines a Dual view 2/4-port Mini DisplayPort switch, with a 2-port USB 2.0 hub, and front panel USB quick charge port for mobile devices.

The CS1942 / CS1944 further improves on previous KVM designs with the latest Mini-DisplayPort and Mini-TOSLINK connectors. It also provides the capability of digital video & audio with reliable Ultra high resolution, vivid picture quality, surround sound with SPDIF connections.

The CS1942 / CS1944 is ideal for multimedia applications, and offers the ultimate in space-saving, streamlined KVM technology for the desktop.
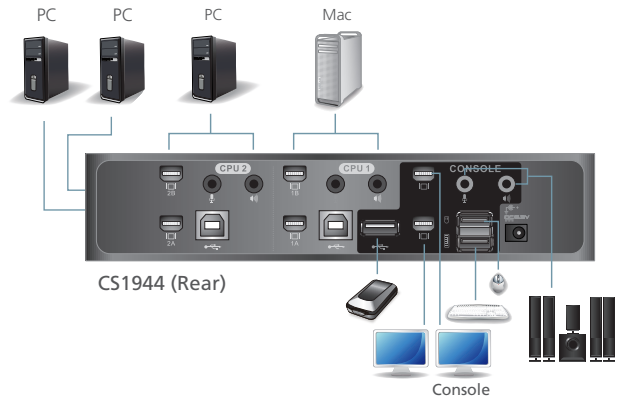


CS1944 (Rear)

Console

| | Console USB | | Computers USB | OS Support Win, Mac, Linux | | Dual View | | Mini displayport |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | Mini Toslink | | Quick Power Charge | | Mouse Port Switching | | Gaming Keyboard Support | Superior Video Quality 2560 x 1600 |

## Features

- One dual-view USB console independently and simultaneously controls two/four Mini DisplayPort computers and two USB devices
- USB quick charge mode (front panel USB port)
- Mini DisplayPort 1.1a & HDCP compatible
- Full bass response provides a rich experience for digital surround sound systems via Mini-TOSLINK
- Superior video quality - enables up to 2650 x 1600 resolution and 3D displays up to 1920x1080 resolution at 120Hz
- Nvidia 3D Vision Ready
- 2-port USB 2.0 hub built in, fully compliant with USB 2.0 specifications
- Computer selection via front touch panel /hotkeys/ mouse*
- Independent switching for USB peripherals, audio, and KVM focus
- Keyboard and Mouse support emulation and bypass
- Power on Detection
- Mac keyboard support and emulation**
- Multilingual keyboard mapping - Supports English, Japanese, and French keyboards
- Multiplatform support- Windows, Linux and Mac

\* Mouse port switching is only workable under mouse emulation mode. For 3-key USB wheel mouse only.
\*\*PC keyboard combinations emulate Mac keyboards.
\*\*Mac keyboards only work with their own computers.

## Specification

| Function | | | CS1942 | CS1944 |
| --- | --- | --- | --- | --- |
| Computer Connections | | | 2 | 4 |
| Port Selection | | | Touch Panel Switches, Hotkey, Mouse* | |
| Connectors | Console Ports | Keyboard | 1 x USB Type A F (Black, rear panel) | |
| | | Video | 2 x Mini DisplayPort Type A F (Black) | |
| | | Mouse | 1 x USB Type A F (Black, rear panel) | |
| | | Speaker | 1 x Mini TOSLINK Jack F (Black) 1 x 3.5mm Audio Jack F (Green) | |
| | | Microphone | 1 x Mini TOSLINK Jack F (Black) 1 x 3.5mm Audio Jack F (Pink) | |
| | KVM Ports | Keyboard / Mouse | 2 x USB Type B F (White) | 4 x USB Type B F (White) |
| | | Video | 4 x Mini DisplayPort Type A F (Black) | 8 x Mini DisplayPort Type A F (Black) |
| | | Speaker | 2 x Mini TOSLINK Jack F (Black) | 4 x Mini TOSLINK Jack F (Black) |
| | | Microphone | 2 x Mini TOSLINK Jack F (Black) | 4 x Mini TOSLINK Jack F (Black) |
| | USB 2.0 Hub | | 2 x USB Type A F (White; 1 x Front panel, 1 x Rear panel) | |
| | Power | | 1 x DC Jack | |
| Switches | Selected | | 3 x Point Touch Panel | 5 x Point Touch Panel |
| LEDs | KVM | | 2 x Orange | 4 x Orange |
| | Audio | | 2 x Green | 4 x Green |
| | USB | | 2 x Green | 4 x Green |
| Emulation | Keyboard | | USB | |
| | Mouse | | USB | |
| Video | | | DP: 2560 x 1600 resolution @ 60Hz, or 3D Display 1920 x 1080 resolution @ 120Hz | |
| Scan Interval | | | 1 ~ 99 seconds (Default: 5 seconds) | |
| Power Consumption | | | DC 5.3V, 6.68 W | DC5.3V, 8.63W |
| Environment | Operation Temp. | | 0–50ºC | |
| | Storage Temp. | | -20–60ºC | |
| | Humidity | | 0–80% RH, Non-condensing | |
| Physical Properties | Housing | | Plastic | |
| | Weight | | 556 Kg | 614 Kg |
| | Dimension (L x W x H) | | 197 x 197 x 44.70 mm | |

\* Product specifications and appearance are subject to change without notice.