

# 2/4-Port USB 3.0 4K DisplayPort Dual Display KVM™ Switch CS1942DP / CS1944DP

- The ATEN CS1942DP / CS1944DP desktop KVM switch helps organize your desktop. Especially when managing a multimedia workstation at a large organization, CS1942DP / CS1944DP provides you with instant access to two or four computers, all through a single USB keyboard, USB mouse and two DisplayPort monitors.

Advanced video support provides a better-defined DisplayPort connection with video resolutions up to 4K (4096 x 2160 / 3840 x 2160 @ 60 Hz). Incorporating dual display capability, you are allowed to enjoy a wider screen and easily switch between two or four DisplayPort systems. In addition, featuring a built-in USB 3.1 Gen 1 hub, the CS1942DP / CS1944DP delivers unprecedented data transfer rates up to 5 Gbps, allowing you to maximize multimedia operations.

Engineered to meet the ever-increasing demand for dual display, ultra-fast data transmission rates, and lossless 4K video resolution, the CS1942DP / CS1944DP is specifically designed for where multitasking is needed such as design, financial trading, and video post production.



## Features

- One USB keyboard and mouse controls two/four DisplayPort computers and share two USB peripherals
- Supports Quad Display by connecting two Dual Display KVM switches
- Supports superior video quality – Up to 4K (4096 x 2160 / 3840 x 2160 @ 60 Hz)
- Computer Selection via front panel, hotkeys, mouse, and RS-232 commands
- 2-Port USB 3.1 Gen 1 hub with SuperSpeed 5 Gbps data transfer rates
- Supports DisplayPort Dual-Mode technology (DP++)\*
- Supports MST (Multi-Stream Transport)
- Supports Console keyboard emulation / bypass feature
- Supports Console mouse emulation / bypass feature
- Independent switching of KVM, USB, and Audio
- Multilingual keyboard mapping – supports English, French, Japanese, and German keyboards
- HDCP Compliant
- Supports HD audio\*\*
- Power on detection
- Firmware upgradable

**Note:**\*DisplayPort Dual-Mode technology (DP++) does not require an active adapter for most single display setups. Active DisplayPort adapters are recommended if you are unsure of the video source's DP++ compatibility.

\*\*HD audio through DisplayPort cannot be switched independently



## Specifications

| Function                    | CS1942DP  | CS1944DP                             |
|-----------------------------|---|--------------------------------------|
| <b>Computer Connections</b> | 2   | 4                                    |
| Port Selection              | Hotkey, Pushbutton, Mouse, RS-232 Commands                |                                      |
| Video                       | 4096 x 2160 @ 60Hz  |                                      |
| <b>Connectors</b>           |   |                                      |
| Console Ports               | 2 x USB Type A Female                                     |                                      |
|                             | 2 x DisplayPort Female (Black)                            |                                      |
|                             | 2 x 3.5mm Audio Jack Female (Green; 1 x front, 1 x rear)  |                                      |
| KVM (Computer) Ports        | 2 x 3.5mm Audio Jack Female (Pink; 1 x front, 1 x rear)   |                                      |
|                             | 2 x USB3.1 Gen1 Type B Female (Blue)                      | 4 x USB3.1 Gen1 Type B Female (Blue) |
|                             | 4 x DisplayPort Female (Black)                            | 8 x DisplayPort Female (Black)       |
|                             | 2 x 3.5mm Audio Jack Female (Green)                       | 4 x 3.5mm Audio Jack Female (Green)  |
| Daisy Chain Ports           | 1 x RJ-45 Female  |                                      |
|                             | 1 x DC Jack   |                                      |
| Power                       | 1 x DC Jack   |                                      |
| USB Hub                     | 2 x USB3.1 Gen1 Type A Female (Blue; 1 x front; 1 x rear) |                                      |
| <b>Switches</b>             |   |                                      |
| Selected                    | 3 x Pushbutton  | 5 x Pushbutton                       |
| Station Selection           | 1 x Slide Switch  | 1 x Slide Switch                     |
| <b>Emulation</b>            |   |                                      |
| Keyboard / Mouse            | USB   |                                      |
| Scan Interval               | 1-99 seconds (default: 5 seconds)                         |                                      |
| Power Consumption           | DC 12.0V  | DC 12.0V                             |
| <b>Environmental</b>        |   |                                      |
| Operating Temperature       | 0-50°C  |                                      |
| Storage Temperature         | -20-60°C  |                                      |
| Humidity                    | 0-80% RH, Non-condensing                                  |                                      |
| <b>Physical Properties</b>  |   |                                      |
| Housing                     | Metal   | Metal                                |
| Weight                      | 1.54 kg   | 1.51 kg                              |
| Dimensions (L x W x H)      | 33.50 x 15.66 x 4.40 cm                                   | 33.50 x 15.66 x 4.40 cm              |

Product information is subject to change without prior notice.

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