

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, the 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.

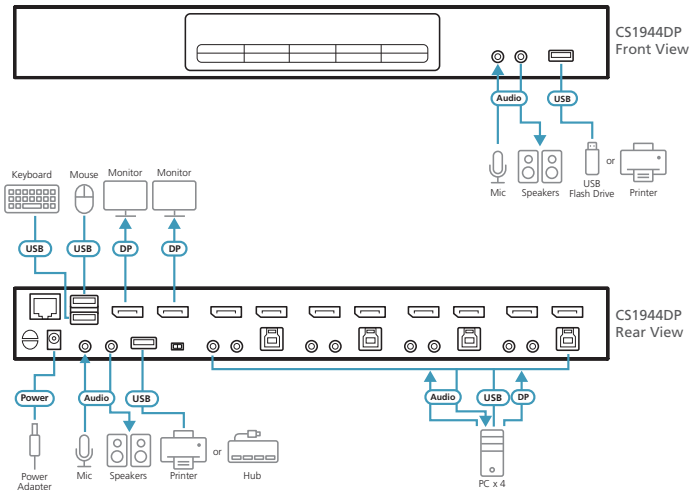


Features

- 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++)¹
- Supports MST (Multi-Stream Transport)²
- 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
- DisplayPort 1.2 compliant; HDCP compliant³
- Supports HD audio⁴
- Power on detection
- Firmware upgradable

Note:

1. 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.
2. MST (Multi-Stream Transport) requires either monitors that are capable of DisplayPort 1.2 daisy-chaining, or use of a powered DisplayPort MST Hub. A DisplayPort v1.1a display can be the last display in a DisplayPort v1.2 chain. The PC source must be DisplayPort 1.2 compliant
3. For DisplayPort 1.4 compliant display device, make sure to configure the device setting to be compatible with DisplayPort 1.2 to avoid compatibility issue
4. HD audio through DisplayPort cannot be switched independently Compatible ProductsView All KVM Extenders Video Converters Video Extenders Video Splitters Compatible CablesView All DisplayPort CablesKVM Cables



Specifications

	CS1942DP	CS1944DP
Computer Connections	2	4
Port Selection	Hotkey, Pushbutton, Mouse, RS-232 Commands	
Video	Up to 4096 x 2160 @ 60Hz, 2560 x 1440 @ 144Hz	
Connectors		
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) 2 x 3.5mm Audio Jack Female (Pink; 1 x front, 1 x rear)	
KVM (Computer) Ports	2 x USB3.1 Gen1 Type-B Female (Blue) 4 x DisplayPort Female (Black) 2 x 3.5mm Audio Jack Female (Green) 2 x 3.5mm Audio Jack Female (Pink)	4 x USB3.1 Gen1 Type B Female (Blue) 8 x DisplayPort Female (Black) 4 x 3.5mm Audio Jack Female (Green) 4 x 3.5mm Audio Jack Female (Pink)
Daisy Chain Ports	1 x RJ-45 Female	
Power	1 x DC Jack	
USB Hub	2 x USB3.1 Gen1 Type-A Female (Blue; 1 x front; 1 x rear)	
LEDs		
KVM	3(Orange)	5(Orange)
Audio	3(Green)	5(Green)
USB	3(Green)	5(Green)
Switches		
Selected	3 x Pushbutton	5 x Pushbutton
Station Selection	1 x Slide Switch	
Emulation		
Keyboard / Mouse	USB	
Scan Interval	1-99 seconds (default: 5 seconds)	
Power Consumption	DC 12V:3.48W	DC 12V:6.125W
Environmental		
Operating Temperature	0 – 50°C	
Storage Temperature	-20 – 60°C	
Humidity	0-80% RH, Non-condensing	
Physical Properties		
Housing	Metal	
Weight	1.54 kg	1.51kg
Dimensions (l x W x H)	33.50 x 15.66 x 4.40 cm	

ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datung Rd., Sijhih District., New Taipei City 221, Taiwan
 Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
 www.aten.com E-mail: marketing@aten.com

Product information is subject to change without prior notice.

Released: 07/2024 V2.0

© Copyright 2024 ATEN® International Co. Ltd.
 ATEN and the ATEN logo are registered trademarks of ATEN International Co., Ltd.
 All rights reserved. All other trademarks are the property of their respective owners.

