

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
Computer Connections	2	4
Port Selection	Hotkey, Pushbutton, Mouse, RS-232 Commands	
Video	4096 x 2160 @ 60Hz	
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)	
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)
	2 x 3.5mm Audio Jack Female (Pink)	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)	
Switches		
Selected	3 x Pushbutton	5 x Pushbutton
Station Selection	1 x Slide Switch	1 x Slide Switch
Emulation		
Keyboard / Mouse	USB	
Scan Interval	1-99 seconds (default: 5 seconds)	
Power Consumption	DC 12.0V	DC 12.0V
Environmental		
Operating Temperature	0-50°C	
Storage Temperature	-20-60°C	
Humidity	0-80% RH, Non-condensing	
Physical Properties		
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.

ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong 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

Publish Date: 06/2018 V1.0



© Copyright 2018 ATEN® International Co., Ltd.
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.
All rights reserved. All other trademarks are the property of their respective owners.