

2/4-Port USB 3.0 8K DisplayPort KVMP™ Switch

CS1922A / CS1924A

Built on ATEN's enterprise-grade design heritage, the CS1922A / CS1924A belongs to ATEN's first KVM switch series with 8K support, delivering professional-grade performance and reliable multi-computer control from a single console.

Ultra-High Resolution for Versatile Professional Applications

The CS1922A / CS1924A delivers up to 8K@60 Hz and 4K@240 Hz, providing precise, clear visuals for demanding tasks. It enables users to control multiple computers from a single console, supporting efficient multitasking and high-resolution workflows while keeping the workspace clean and organized.

Multi-Display Expansion and Broad Display Compatibility

Daisy-chaining further allows multi-display setups using a single keyboard and mouse, streamlining multi-screen workflows and enhancing productivity for complex tasks. With DisplayPort Dual-Mode (DP++) support, the switch can connect to HDMI or DVI displays via compatible adapters, expanding compatibility with a wide range of monitors.

Flexible and Intuitive Switching for Efficient Workflows

Multiple switching methods, including front panel pushbuttons, a remote port selector, hotkeys, mouse switching, and RS-232 commands, allow users to control connected computers seamlessly. This flexibility enables fast, efficient workflow management tailored to individual preferences, ensuring smooth transitions between multiple systems.

Efficient Peripheral Sharing and Easy Installation

The integrated USB 3.1 Gen 1 hub provides 5 Gbps data transfer speeds, enabling fast sharing of peripherals between connected computers. All required DisplayPort and USB cables, along with a power adapter, are included for quick, plug-and-play setup, helping users maintain a clean, organized, and fully functional workspace from the start.



CS1922A



CS1922A Rear View



CS1924A



CS1924A Rear View



Features

High-Performance Hardware and Display Capabilities

- Superior video quality – up to 7680 × 4320 @ 60 Hz, 5120 × 2880 @ 60 Hz and 4096 × 2160 @ 240 Hz
- Two USB 3.1 Gen 1 ports with SuperSpeed 5 Gbps transfer rates
- Supports DisplayPort Dual-Mode technology (DP++)¹
- Supports MST (Multi-Stream Transport)²
- DisplayPort 1.4 compliant; HDCP compliant
- Supports HDR 10+
- Supports HD Audio³
- Supports Daisy-chaining setup⁴
- Supports hot-plugging

Comprehensive Management and Switching Controls

- One USB keyboard and mouse control two/four DisplayPort computers and share two USB peripherals
- Computer selection via pushbuttons, remote port selector, hotkeys, mouse⁵, and RS-232 commands
- Independent switching of KVM, USB, and Audio
- Supports Console keyboard/mouse emulation/bypass feature
- Power-on detection automatically switches to the next active computer
- Firmware upgradable – supports performance optimization and compatibility improvements through firmware updates
- Multilingual keyboard mapping – supports English, Japanese, French, and German keyboards⁶

Streamlined, Ready-to-Use Experience

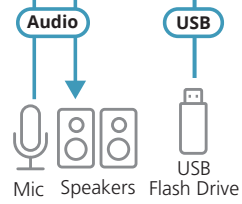
- Plug & play
- All DisplayPort/USB cables and power adapter included for hassle-free installation—no extra purchases needed
- Multiplatform support – Windows, Mac, and Linux

Note:

1. DP++ (DP Dual Mode) requires a DP++ adapter (powered DP++ adapter recommended). The graphics source must be DP++ compliant.
2. MST (Multi-Stream Transport) requires monitors capable of DisplayPort 1.4 daisy-chaining or the use of a powered DisplayPort MST hub. The PC source must be DisplayPort 1.4 compliant. A DisplayPort 1.1a or 1.2 display can be the last display in a DisplayPort 1.4 chain.
3. HD audio through HDMI cannot be switched independently.
4. Supports Daisy-chaining setup for dual- or triple-display control - single-display models can connect with single- or dual-display models for dual- or triple-display setups using one keyboard and mouse.
5. For 3-button USB wheel mouse only. Mouse-port switching is supported only under mouse emulation mode.
6. PC keyboard combinations emulate Mac keyboards. Mac keyboards only work with Mac computers.



CS1924A
Front View



Remote Port Selector

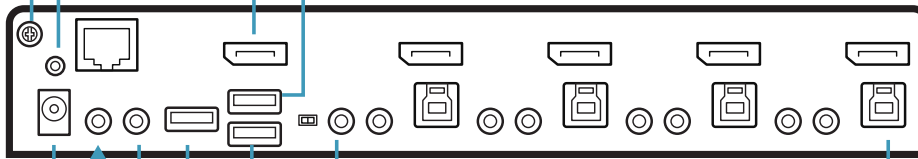


2.5 mm

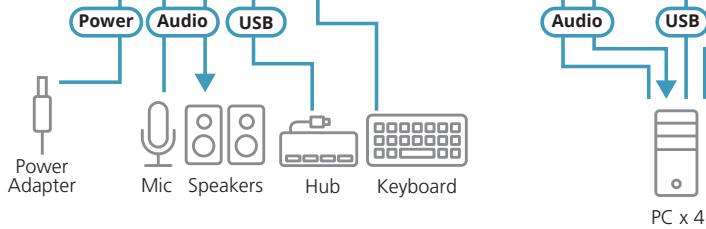


DP

USB



CS1924A
Rear View



Specifications

	CS1922A	CS1924A
Computer Connections	2	4
Port Selection	Hotkey, Pushbutton, Mouse wheel, RS-232 Commands, Remote port selector	
Connectors		
Console Ports	2 x USB Type-A Female 1 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 USB 3.1 Gen1 Type-B Female (Blue) 2 x DisplayPort Female (Black) 2 x 3.5mm Audio Jack Female (Green) 2 x 3.5mm Audio Jack Female (Pink)	4 x USB 3.1 Gen1 Type-B Female (Blue) 4 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 USB 3.1 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	
LEDs		
KVM	3 (Orange)	5 (Orange)
Audio	3 (Green)	5 (Green)
USB Link	3 (Green)	5 (Green)
Emulation		
Keyboard / Mouse	USB	
Video	Up to 7680 x 4320@60 Hz, 5120 x 2880@60Hz, 4096 x 2160@240Hz	
Scan Interval	1-99 seconds (default: 5 seconds)	
Power Consumption	DC 12V:2.26W	DC 12V:3.18W
Environmental		
Operating Temperature	0 – 50°C	
Storage Temperature	-20 – 60°C	
Humidity	0-80% RH, Non-condensing	
Physical Properties		
Housing	Metal	
Weight	0.47 kg	0.62 kg
Dimensions (L x W x H)	20.00 x 7.18 x 4.30 cm	26.00 x 7.18 x 4.30 cm

ATEN International Co., Ltd.

3 F., No. 125, Sec. 2, Datong Rd., Xizhi Dist., 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: 04/2026 V2.0

© Copyright 2026 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.

