Simply Better Connections

CS1922A

2-Port USB 3.0 8K DisplayPort KVMP™ Switch (Cables included)

Built on ATEN's enterprise-grade design heritage, the CS1922A 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 delivers up to 8K@60 Hz and 4K@120 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.

Features

- High-Performance Hardware and Display Capabilities
  - Superior video quality – up to 7680 × 4320 @ 60 Hz, 5120 × 2880 @ 60 Hz and 4096 × 2160 @ 120 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 Audio [3]
  - Supports Daisy-chaining setup [4]
  - 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, mouse [5], 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
  - Multilingual keyboard mapping – supports English, Japanese, French, and German keyboards [6]

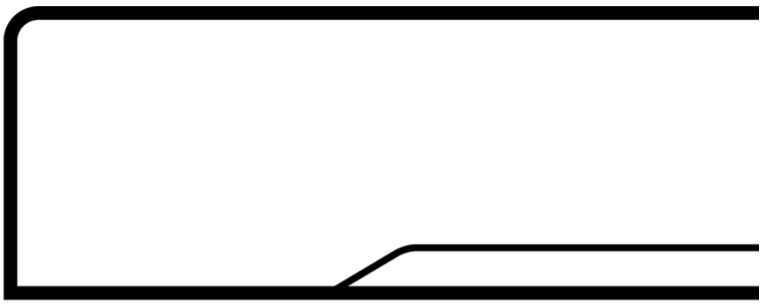
- Streamlined, Ready-to-Use Experience
  - Plug & play
  - All DisplayPort/USB cables and power adapter included for hassle-free installation – no extra purchases needed
  - Multiplatform support – Windows, Mac, and Linux

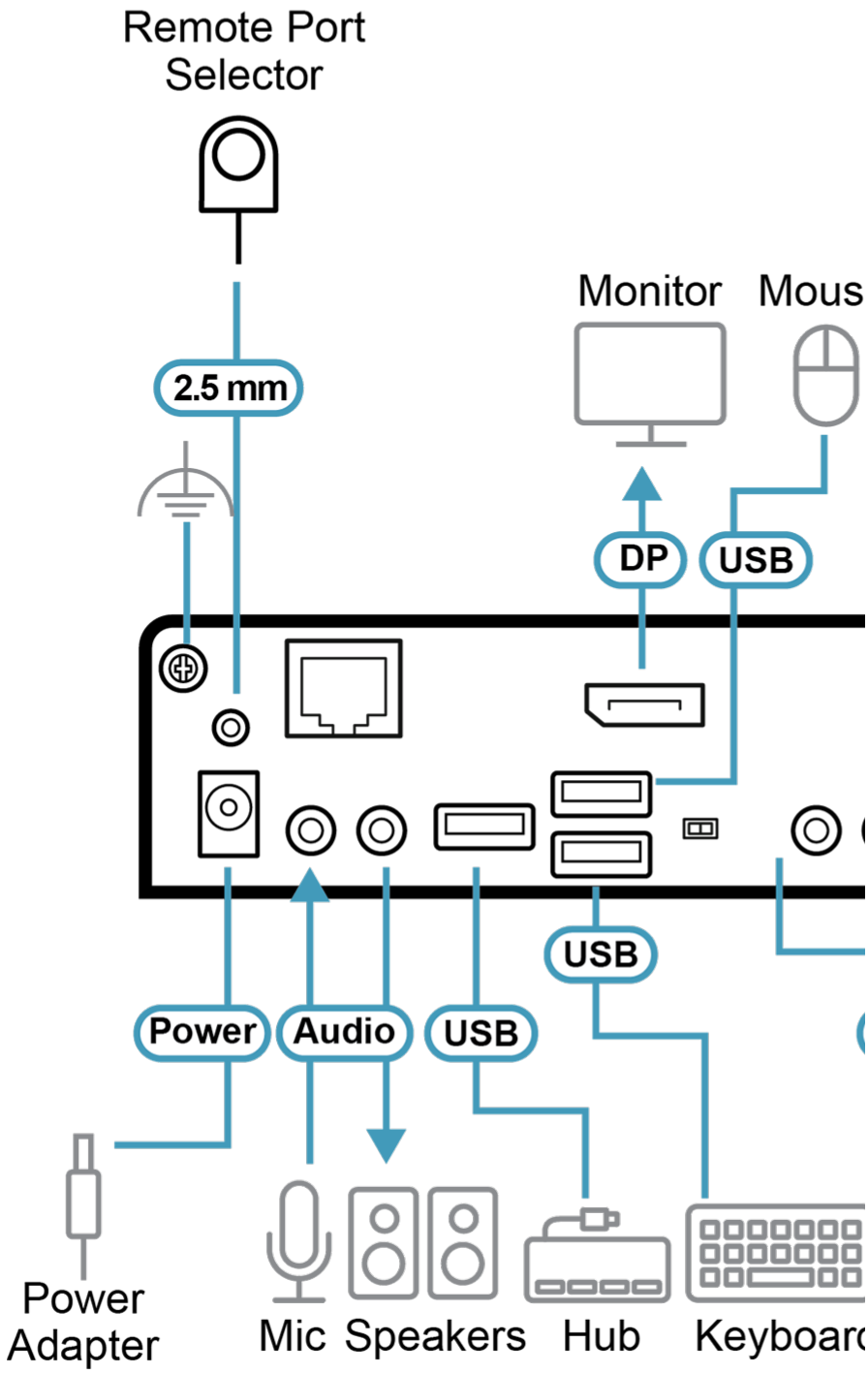
Note:
1. DP++ (DP Dual Mode) requires a DP++ adapter (powered DP++ adapter recommended). The graphics source must be DP++ compliant.
2. MST (Multi-Stream Transport) requires monitors capable of DisplayPort 1.4 daisy-chaining or the use of a powered DisplayPort MST hub. The PC source must be DisplayPort 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.

Specifications

Computer Connections	2
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 USB3.1 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)
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)
Audio	3 (Green)
USB Link	3 (Green)
Switches	
Selected	3 x Pushbutton
Station Selection	1 x Slide Switch
Emulation	
Keyboard / Mouse	USB
Video	Up to 7680 x 4320@60 Hz, 5120 x 2880@60Hz, 4096 x 2160@120Hz
Scan Interval	1-99 seconds (default: 5 seconds)
Power Consumption	DC12V:2.26W:69BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
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 (1.04 lb)
Dimensions (L x W x H)	20.00 x 7.30 x 4.30 cm (7.87 x 2.87 x 1.69 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram





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