2/4-Port USB 3.0 4K HDMI KVMP™ Switch
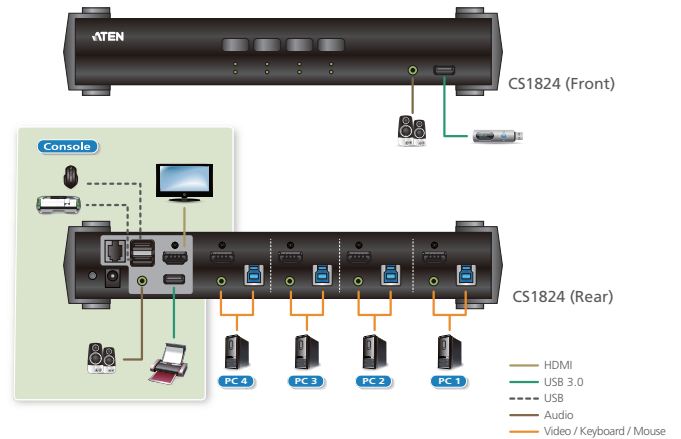## CS1822 / CS1824

The ATEN CS1822/CS1824 KVMP™ Switch offers effortless management of two/four HDMI interface computers from a single USB keyboard, mouse and HDMI monitor. Supporting the most superior video quality up to 4K DCI (4096 x 2160 @ 60Hz), the CS1822/CS1824 optimizes user experience of multitasking.

With patented ATEN technology – Video DynaSync™, users can enjoy better display resolution and faster switching between systems. What's more, the default EDID mode is available for smooth power-up, high-quality display and eliminates monitor compatibility issue.

In addition, the CS1822/CS1824 features Audio Mixer Mode which mixes audio sources from any two connected computers as audio output, benefiting users to be notified without missing any system alert even the KVM focus is set on other computers. With a built-in USB 3.1 Gen 1 hub, the CS1822/CS1824 delivers data transfer rates up to 5 Gbps, allowing you to accelerate multimedia operations and share USB peripherals with ease.

Integrating these outstanding functionalities, the CS1822/CS1824 provides a great advantage for those doing CGI work, graphic design, video post production, etc. to operate multiple tasks smoothly.

CS1824 (Front)

Console

CS1824 (Rear)

PC 4   PC 3   PC 2   PC 1

— HDMI
— USB 3.0
---- USB
— Audio
— Video / Keyboard / Mouse

4K HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE   VDS Video DynaSync   USB 3.1 Gen 1   Audio Speaker

Features

- One USB keyboard/mouse and one HDMI monitor control two/four computers and share two USB peripherals
- Supports superior video quality – 4K UHD (3840 x 2160 @ 60Hz) and 4K DCI (4096 x 2160 @ 60Hz)
- Video DynaSync™ – an exclusive ATEN technology that eliminates boot-up display problems and optimizes the resolution when switching among different sources
- Built-in 2-Port USB 3.1 Gen 1 hub with SuperSpeed 5 Gbps data transfer rates
- Audio Mixer Modes – mixes up to two audio sources as audio output
- Computer selection via pushbuttons, hotkeys, mouse[1], and RS-232 commands
- ATEN default EDID mode – smooth power-up, high-quality display and resolution optimization to eliminate compatibility issue
- Independent switching of KVM, USB peripheral, and stereo audio focus[2]
- HDMI 2.0 compliant; HDCP 2.2 compliant
- Supports HD Audio[2]
- Power on detection
- Firmware upgradable

Note: 1. Mouse port switching is only supported under mouse emulation mode and by USB 3-key wheel mice.
2. HD audio through HDMI channel cannot be switched independently.

Specifications

Function	CS1822	CS1824
Computer Connections	2	4
Port Selection	Pushbutton, Hotkey, Mouse, RS-232 commands	
Connectors		
Console Ports	2 x USB Type A Female 1 x HDMI Female (Black) 2 x 3.5mm Audio Jack Female (Green; 1 x front, 1 x rear)	
KVM (Computer) Ports	2 x USB 3.1 Gen 1 Type B Female (Blue) 2 x HDMI Female (Black) 2 x 3.5mm Audio Jack Female (Green)	4 x USB 3.1 Gen 1 Type B Female (Blue) 4 x HDMI Female (Black) 4 x 3.5mm Audio Jack Female (Green)
Serial	1 x RJ-11 Female	
Power	1 x DC Jack	
USB Hub	2 x USB 3.1 Gen 1 Type A Female (Blue; 1 x front, 1 x rear)	
Switches		
Selected	2 x Pushbutton	4 x Pushbutton
LEDs		
On Line/Selected	2 (Orange)	4 (Orange)
USB Link	2 (Green)	4 (Green)
Audio	2 (Green)	4 (Green)
Emulation		
Keyboard / Mouse	USB	
Video	4096 x 2160 @ 60Hz	
Scan Interval	1-99 seconds (Default: 5 sec.)	
Power Consumption	DC5V: 1.78W: 50.97BTU	DC5V: 2.535W: 54.5BTU
Environmental		
Operating Temperature	0 – 40°C	
Storage Temperature	-20 – 60°C	
Humidity	0 – 80% RH, Non-condensing	
Physical Properties		
Housing	Metal + Plastic	
Weight	0.74 kg	0.94 kg
Dimensions (L x W x H)	21.00 x 8.80 x 5.55 cm	27.00 x 8.80 x 5.55 cm

Product information is subject to change without prior notice.