# 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.

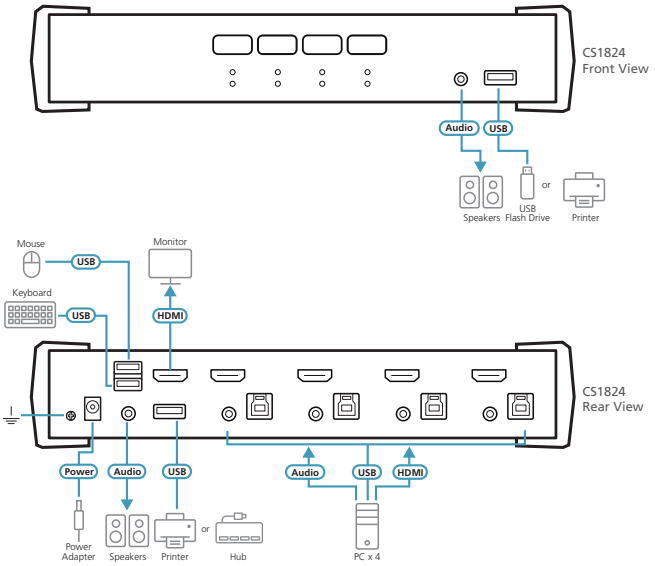


## Features

- 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 compliant; HDCP 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

| | CS1822 | CS1824 |
|---|---|---|
| **Computer Connections** | 2 | 4 |
| **Port Selection** | Pushbutton, Hotkey, Mouse, RS-232 commands | |
| **Connectors** | | |
| Console Ports | 2 x USB Type-A Female<br>1 x HDMI Female (Black)<br>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)<br>2 x HDMI Female (Black)<br>2 x 3.5mm Audio Jack Female (Green) | 4 x USB 3.1 Gen 1 Type-B Female (Blue)<br>4 x HDMI Female (Black)<br>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** | Up to 4096 x 2160 @ 60Hz, 2560 x 1440 @ 144Hz | |
| **Scan Interval** | 1-99 seconds (Default: 5 sec.) | |
| **Power Consumption** | DC5V: 1.78W | DC5V: 2.535W |
| **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 |


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