The ATEN CS1842 / CS1844 Dual Display KVMP™ Switch presents a valuable solution for desktop workstation with instant and effortless access to two/four HDMI interface computers from a single USB keyboard, mouse and two HDMI monitors; to meet users' needs, the CS1842 / CS1844 is compliant with HDMI 2.0 standard and supports superior video quality up to 4K DCI (4096 x 2160 @ 60Hz), offering the most stunning and vivid visuals.

In addition, with patented ATEN technology – Video DynaSync™, the CS1842 / CS1844 provides optimized display resolution and accelerates switching between systems. Considering immediate data sharing, a built-in USB 3.1 Gen 1 hub delivers data transfer rates up to 5 Gbps, allowing you to speed up operations and share USB peripherals efficiently.

For requirements of more displays to monitor, users can daisy-chain two CS1842 / CS1844 for up to four displays to multitask easily and process tremendous information. Besides, a remote port selector is available for quick and streamlined port selection apart from pushbuttons, hotkeys and mouse port switching.

As a feature-rich KVM switch, the CS1842 / CS1844 is especially suitable for users who need to perform multiple tasks smoothly at CGI work, graphic design, video post production, and CAD engineering.

- One USB keyboard, mouse and two HDMI monitors control two/four HDMI computers and share two USB peripherals
- Supports Quad Display by connecting two Dual Display KVM switches
- Video DynaSync™ – an exclusive ATEN technology that eliminates boot-up display problems and optimizes the resolution when switching among different sources
- Supports superior video quality – 4K UHD (3840 x 2160 @ 60Hz) and 4K DCI (4096 x 2160 @ 60Hz)
- Computer selection via pushbuttons, hotkeys, mouse1, remote port selector, and RS-232 commands12
- Built-in 2-port USB 3.1 Gen 1 hub with SuperSpeed 5 Gbps data transfer rates
- Supports console keyboard emulation / bypass feature
- Supports console mouse emulation / bypass feature
- Independent switching of KVM, USB peripheral, and stereo audio focus1
- Multilingual keyboard mapping – supports English, French, Japanese, and German keyboards
- HDMI 2.0 compliant; HDCP 2.2 compliant
- Supports HD audio1
- Power on detection
- Firmware upgradeable

Note: 1. Mouse port switching is only supported under mouse emulation mode and by USB 3-key wheel mice.
2. Slide the DCC switch to the position to allow the KVM switch to receive RS-232 commands via an RJ-45-to-DB-9 cable. Please refer to the CS1842 / CS1844 user manual.
3. HD audio through HDMI channel cannot be switched independently.