

CS782DP

2-Port USB DisplayPort / Audio KVM Switch (4K Supported and Cables included)



With the ever-growing demand for higher video quality and the evolution of DisplayPort technology, 4K-enabled computers and displays are now widely adopted in visually-intensive and commercial applications. Offering up to 4K resolution, the ATEN CS782DP is at home amongst these demanding scenarios and technological advancements.

The ATEN CS782DP 2-Port USB DisplayPort KVM Switch features 4K video resolution and allows users to access two 4K-enabled computers from a single USB keyboard, USB mouse, and DisplayPort video console.

Doing so with ease, the CS782DP provides three convenient switching methods – using a remote port selector, mouse, or hotkeys for flexible access to any computer connected to the installation. The product even provides premium audio support for a complete multimedia solution. To round off the entire experience, the streamlined, space-saving design of CS782DP also makes it ideal for any working environment.

With its rich feature set, the CS782DP is designed to surpass all requirements in graphic design, animation, and video-editing applications.

Note:

To connect a VGA / DVI / HDMI monitor to the DisplayPort console port, it requires a separate purchase of DisplayPort to VGA / DVI / HDMI adapter with its own power supply.



Features

- One DisplayPort video console controls two USB computers
- DisplayPort 1.2 compliant; HDCP compliant ¹
- Computer selection via remote port selector, hotkeys, and USB mouse ²
- Superior video quality – 4K UHD (3840 x 2160 @ 60 Hz), 4K DCI (4096 x 2160 @ 60 Hz) and 2560 x 1440 @144Hz
- Supports MST (Multi-Stream Transport) ³, enabling multiple monitors to be used via a single DisplayPort connector
- Multiplatform support – Windows, Mac, Sun, and Linux
- Compatible with widescreen LCD monitors
- Power on detection – if either of the computers is powered off, the CS782DP will automatically switch to the other computer
- Audio-enabled – full bass response provides a rich experience for 2.1 channel surround sound systems
- Supports HD Audio ⁴ through DisplayPort playback
- Independent switching of the KVM and Audio focus ⁴ allows convenient multi-tasking
- Supports multimedia keyboards
- Supports wireless keyboards and mice
- Console mouse port emulation / bypass feature supports most mouse drivers and multifunction mice
- Mac / Sun keyboard support and emulation ⁵
- USB 2.0 mouse port can be used for USB hub and USB peripheral sharing ⁶
- Bus-Powered
- Firmware upgradable

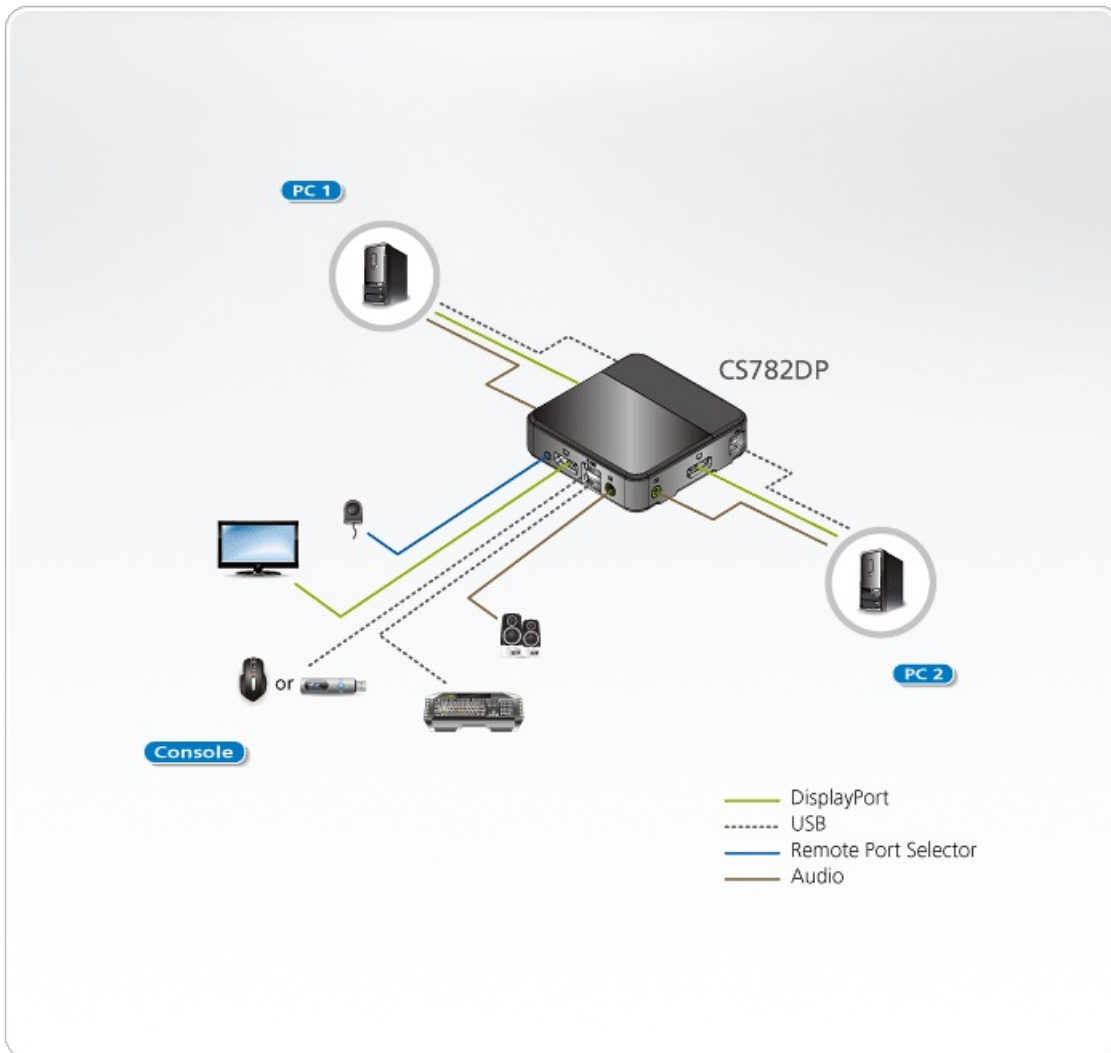
Note:

1. For DisplayPort 1.4 compliant display device, make sure to configure the device setting to be compatible with DisplayPort 1.2 to avoid compatibility issue.
2. Mouse port switching is only supported under mouse emulation mode and by USB 3-key wheel mice.
3. MST (Multi-Stream Transport) requires either monitors that are capable of DisplayPort 1.2 daisy-chaining, or use of a powered DisplayPort MST Hub. A DisplayPort
4. HD audio through DisplayPort cannot be switched independently.
5. (1). PC keyboard combinations emulate Mac / Sun keyboards. (2). Mac / Sun keyboards work only with their own computers.
6. This feature may require an extra power adapter to be connected to the USB hub and that the CS782DP's Mouse Emulation Mode be disabled.

Specifications

Computer Connections	2
Port Selection	Hotkey, Mouse, Remote Port Selector
Connectors	
Console Ports	2 x USB Type A Female 1 x DisplayPort Female (Black) 1 x 3.5mm Audio Jack Female (Green)
KVM (Computer) Ports	2 x USB Type B Female 2 x DisplayPort Female (Black) 2 x 3.5mm Audio Jack Female (Green)
Remote Port Selector	1 x 2.5mm Audio Jack Female
LEDs	
KVM	2 (White)
Emulation	
Keyboard / Mouse	USB
Video	Up to 4096 x 2160 @ 60Hz, 2560 x 1440 @ 144Hz
Scan Interval	3, 5, 10, 20 seconds (Default: 5 seconds)
Power Consumption	DC5V:2.18W:23BTU/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	Plastic
Weight	0.12 kg (0.26 lb)
Dimensions (L x W x H)	9.37 x 9.30 x 2.68 cm (3.69 x 3.66 x 1.06 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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