

CS1782A

2-Port USB DVI Dual Link/CH7.1 Audio KVMP™ Switch



The CS1782A USB DVI Dual Link KVMP™ Switch charts a revolutionary direction in KVM switch functionality. It combines the capabilities of a 2-port KVM switch with a 2-Port USB hub, while providing a DVI monitor interface and audio support. Moreover it carries advanced features, such as [nVidia 3D Vision ready](#) 120Hz 3D display support, gaming keyboard compatibility and port selection/switching using a mouse, aimed at giving you flexibility, convenience and enjoyment.



Features

- 2-port DVI KVMP Switch with USB 2.0 and 7.1 Surround Sound Audio
- One USB console controls two computers and two additional USB devices
- 2-port built in USB 2.0 hub fully compliant with the USB 2.0 specification
- Full bass response for high quality 7.1 channel surround sound systems
- Computer selection via front panel pushbuttons, hotkeys, and mouse **NEW!**
- Multiplatform support – Windows, Linux, Mac, and Sun*
- Independent switching of KVM, USB, and Audio focus
- DVI digital and analog monitor support – fully compliant with the DVI specifications
- Superior video quality: 1920 x 1200 @ 60Hz (Single Link); 2560 x 1600 @ 60Hz (Dual Link)
- nVidia 3D Vision Ready: Works with 120Hz LCD monitors and active shutter glasses to create a 3D environment with maximum resolution of up to 1920 x 1080
- HDCP compatible
- Support widescreen resolutions
- Video DynaSync™ – Exclusive ATEN technology that eliminates boot-up display problems and optimizes resolution when switching between ports
- Power on detection – if one of the computers is powered off, the switch will automatically switch to the next powered-on computer **NEW!**
- Console mouse port emulation/bypass feature that supports most mouse drivers and multifunction mice
- Console keyboard emulation/bypass feature that supports most gaming / multimedia keyboards **NEW!**
- Complete keyboard emulation for error-free booting
- Mac/Sun keyboard support and emulation*
- Multilingual keyboard mapping – supports English, Japanese, and French keyboards
- Auto Scan Mode for monitoring all computers
- Firmware upgradable

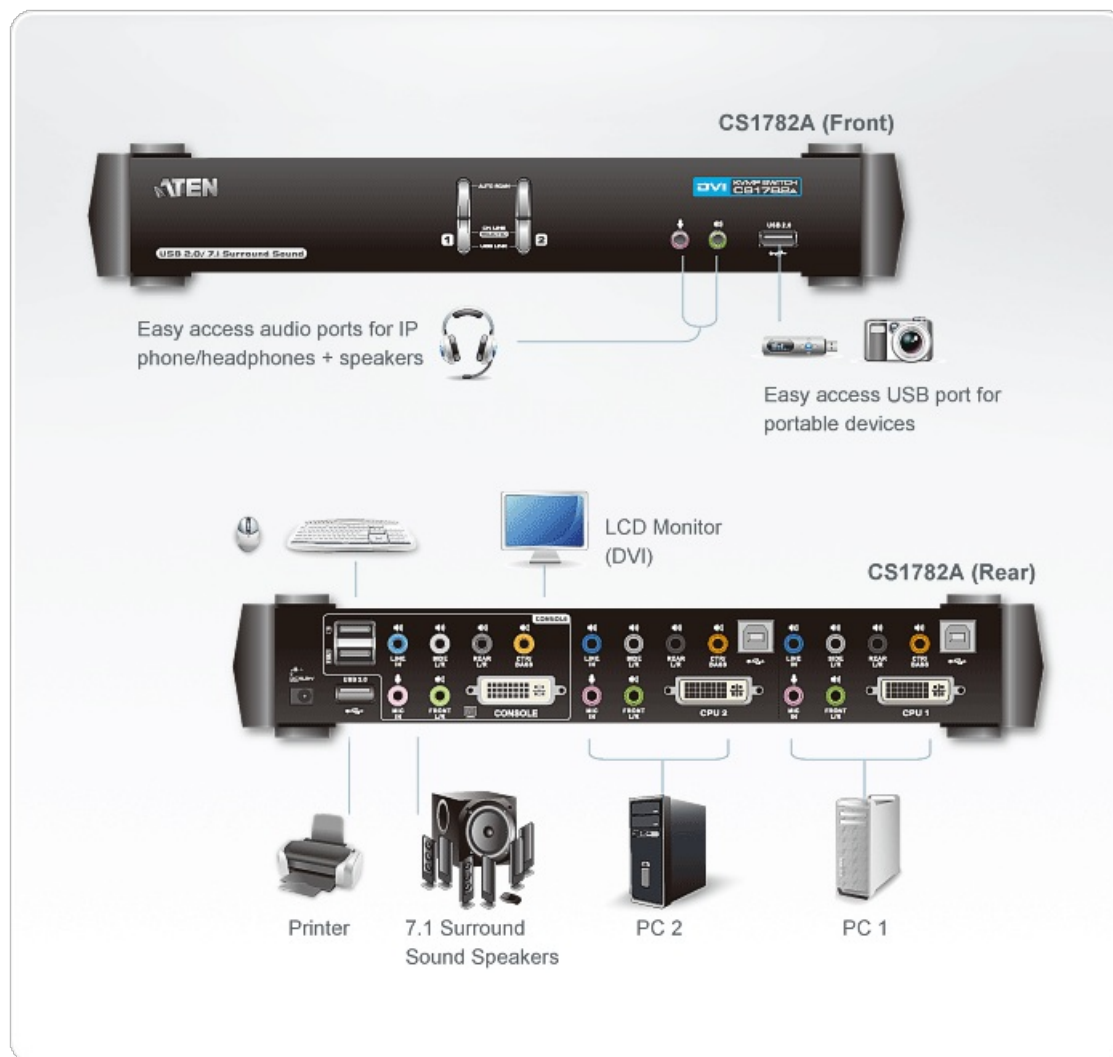
* PC keyboard combinations emulate Mac/Sun keyboards
Mac/Sun keyboard work only with their own

Specification

| | |
|-----------------------|--|
| Computer Connections | 2 |
| Port Selection | Hotkey, Pushbutton, Mouse |
| Connectors | |
| Console Ports | 2 x USB Type A Female (rear panel) 1 x DVI-I Female (White) 2 x 3.5mm Audio Jack Female (Green; 1 x front panel, 1 x rear panel) 1 x 3.5mm Audio Jack Female (Blue) 1 x 3.5mm Audio Jack Female (Gray) 1 x 3.5mm Audio Jack Female (Black) 1 x 3.5mm Audio Jack Female (Orange) 2 x 3.5mm Audio Jack Female (Pink; 1 x front panel, 1 x rear panel) |
| KVM Ports | 2 x USB Type B Female 2 x DVI-I Female (White) 2 x 3.5mm Audio Jack Female (Green) 2 x 3.5mm Audio Jack Female (Blue) 2 x 3.5mm Audio Jack Female (Gray) 2 x 3.5mm Audio Jack Female (Black) 2 x 3.5mm Audio Jack Female (Orange) 2 x 3.5mm Audio Jack Female (Pink) |
| Power | 1 x DC Jack |
| USB Hub | 2 x USB Type A Female (1 x front panel, 1 x rear panel) |
| Switches | |
| Power Selected | 2 x Pushbutton |
| LEDs | |
| USB Link | 2 (Green) |
| On Line /Selected | 2 (Orange) |
| Emulation | |
| Keyboard / Mouse | USB |
| Video | DVI Dual Link: 2560 x 1600 @ 60Hz; DVI Single Link: 1920 x 1200 @ 60Hz |
| Scan Interval | 1–99 seconds (default: 5 secs) |
| Power Consumption | DC5.3V:3.3W:41BTU |
| Environmental | |
| Operating Temperature | 0 -50°C |
| Storage Temperature | -20-60°C |
| Humidity | 0–80% RH, Non-condensing |
| Physical Properties | |
| Housing | Metal |

| | |
|------------------------|---|
| Weight | 0.90 kg (1.98 lb) |
| Dimensions (L x W x H) | 27.00 x 8.80 x 5.55 cm (10.63 x 3.46 x 2.19 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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