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 font 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
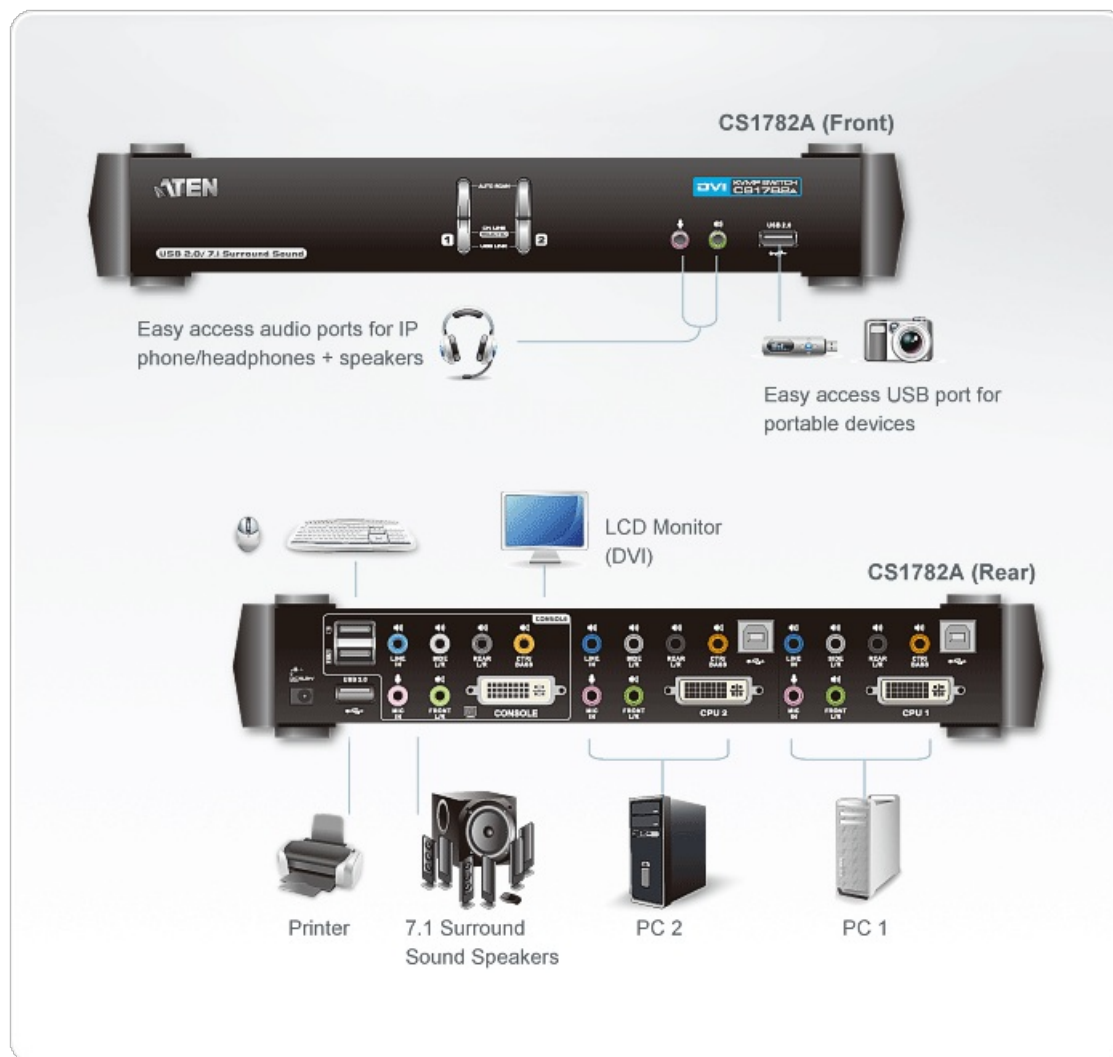- Firmware upgradable

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

Specifications

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

CS1782A (Front)

Easy access audio ports for IP phone/headphones + speakers

Easy access USB port for portable devices

LCD Monitor (DVI)

CS1782A (Rear)

Printer

7.1 Surround Sound Speakers

PC 2

PC 1