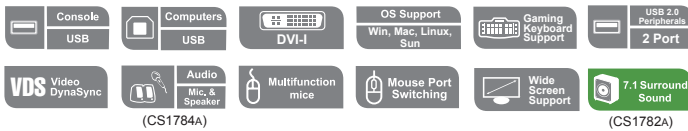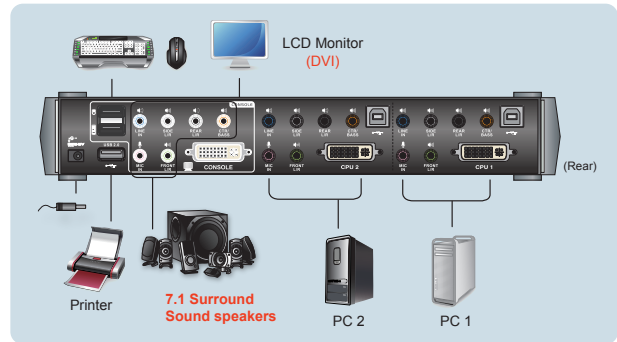# CS1782A/CS1784A

2/4-Port USB DVI Dual Link KVMP™ Switch

The CS1782A/CS1784A 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

Setup

Easy access audio ports for IP phone/headphones + speakers

(Front)

Easy access USB port for portable devices

LCD Monitor (DVI)

(Rear)

Printer

7.1 Surround Sound speakers

PC 2   PC 1

Console USB	Computers USB	DVI-I
OS Support Win, Mac, Linux, Sun	Gaming Keyboard Support	USB 2.0 Peripherals 2 Port
VDS Video DynaSync	Audio Mic. & Speaker (CS1784A)	Multifunction mice
Mouse Port Switching	Wide Screen Support	7.1 Surround Sound (CS1782A)

Features

- 2-port DVI KVMP Switch with USB 2.0 and 7.1 Surround Sound Audio (CS1782A)
- 4-port DVI KVMP Switch with USB 2.0 and 2.1 Surround Sound Audio (CS1784A)
- One USB console controls two/four 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 (CS1782A)
- Full bass response for high quality 2.1 channel surround sound systems (CS1784A)
- 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
- Support widescreen resolutions
- HDCP compatible
- 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 computers

Specifications

Function			CS1782A	CS1784A
Computer Connections			2	4
Port Selection			Front Panel Pushbuttons, Hotkeys, Mouse	
Connectors	Console Ports	Keyboard	1 x USB Type A Female (Black; rear panel)	
		Video	1 x DVI-I Female (White)	
		Mouse	1 x USB Type A Female (Black; rear panel)	
		Audio — Line out	2 x Mini Stereo Jack Female (Green; 1 x front panel, 1 x rear panel)	
		Audio — Line in	1 x Mini Stereo Jack Female (Blue)	N/A
		Audio — Side Speaker out	1 x Mini Stereo Jack Female (Gray)	N/A
		Audio — Rear Speaker out	1 x Mini Stereo Jack Female (Black)	N/A
		Audio — Center / Subwoofer	1 x Mini Stereo Jack Female (Orange)	N/A
		Microphone	2 x Mini Stereo Jack Female (Pink; 1 x front panel, 1 x rear panel)	
	KVM Ports	Keyboard/ Mouse	2 x USB Type B Female (White)	4 x USB Type B Female (White)
		Video	2 x DVI-I Female (White)	4 x DVI-I Female (White)
		Audio — Line out	2 x Mini Stereo Jack Female (Green)	4 x Mini Stereo Jack Female (Green)
		Audio — Line in	2 x Mini Stereo Jack Female (Blue)	N/A
		Audio — Side Speaker out	2 x Mini Stereo Jack Female (Gray)	N/A
		Audio — Rear Speaker out	2 x Mini Stereo Jack Female (Black)	N/A
		Audio — Center / Subwoofer	2 x Mini Stereo Jack Female (Orange)	N/A
		Microphone	2 x Mini Stereo Jack Female (Pink)	4 x Mini Stereo Jack Female (Pink)
	Power		1 x DC Jack	
	USB 2.0 Hub		2 x USB Type A Female (White; 1 x front panel, 1 x rear panel)	
Switches	Selected		2 x Pushbutton	4 x Pushbutton
LEDs	On Line / Selected		2 (Orange)	4 (Orange)
	USB Link		2 (Green)	4 (Green)
Emulation	Keyboard / Mouse		USB	
Video			DVI Dual Link: 2560x1600 DVI Single Link: 1920 x 1200	
Scan Interval			1–99 secs. (5 secs. default)	
Power Consumption			DC 5.3V, 9 W	DC 5.3V, 10W
Environment	Operating Temp.		0–50ºC	
	Storage Temp.		-20–60ºC	
	Humidity		0–80% RH, Non-condensing	
Physical Properties	Housing		Metal	
	Weight		0.90 kg	0.93 kg
	Dimensions (L x W x H)		27.00 x 8.70 x 5.50 cm	

* Product specifications and appearance are subject to change without notice.