

# CS1782A/CS1784A

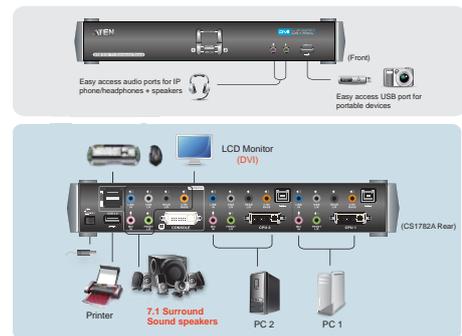
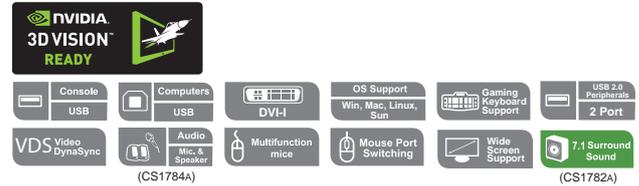
## 2/4-Port USB DVI Dual Link KVMP™ Switch

- The CS1782A/CS1784A USB DVI Dual Link KVMP™ Switch charts a revolutionary direction in KVM switch functionality. It combines the capabilities of a 2/4-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 (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
  - 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
  - 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
  - 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



### Specification

Function		CS1782A	CS1784A	
Computer Connections		2	4	
Port Selection		Front Panel Pushbuttons, Hotkeys, Mouse		
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)	
		Line in	1 x Mini Stereo Jack Female (Blue)	N/A
		Side Speaker out	1 x Mini Stereo Jack Female (Gray)	N/A
		Rear Speaker out	1 x Mini Stereo Jack Female (Black)	N/A
		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)			
Connectors	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)	
	KVM Ports	Line out	2 x Mini Stereo Jack Female (Green)	4 x Mini Stereo Jack Female (Green)
		Line in	2 x Mini Stereo Jack Female (Blue)	N/A
		Side Speaker out	2 x Mini Stereo Jack Female (Gray)	N/A
		Rear Speaker out	2 x Mini Stereo Jack Female (Black)	N/A
		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: 2560 x 1600 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.	0-50°C		
	Storage Temp.	-20-60°C		
	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 8.80 x 5.55 cm	27.00 x 8.80 x 5.55 cm	

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

