

## CS1784A

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



The CS1784A USB DVI Dual Link KVMP™ Switch charts a revolutionary direction in KVM switch functionality. It combines the capabilities of a 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**

- 4-port DVI KVMP Switch with USB 2.0 and 2.1 Surround Sound Audio
- One USB console controls 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 2.1 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

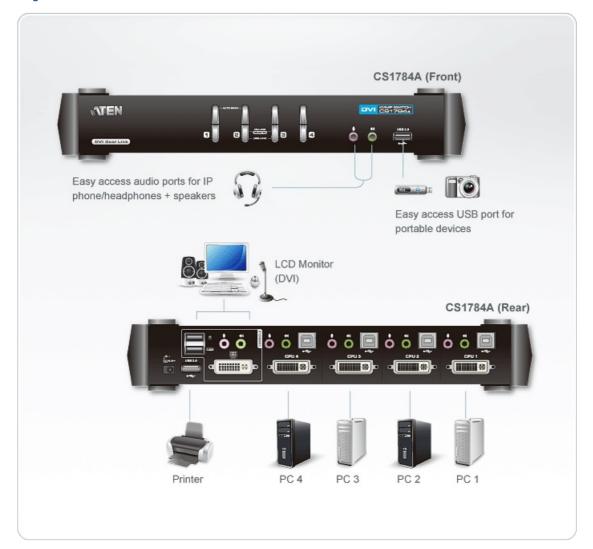


Computer Connections	4	
Port Selection	Hotkey, Pushbutton, Mouse	
Connectors		
Console Ports	1 x DVI-I Female (White) 2 x USB Type A Female (rear panel) 2 x 3.5mm Audio Jack Female (Green; 1 x front panel, 1 x rear panel) 2 x 3.5mm Audio Jack Female (Pink; 1 x front panel, 1 x rear panel)	
KVM Ports	4 x DVI-I Female (White) 4 x USB Type B Female 4 x 3.5mm Audio Jack Female (Green) 4 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	4 x Pushbutton	
LEDs		
USB Link	4 (Green)	
On Line /Selected	4 (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:5.91W:53BTU/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	Metal	
Weight	0.93 kg ( 2.05 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



# ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan Phone: 886-2-8692-6789 Fax: 886-2-8692-6767

www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.
All rights reserved. All other trademarks are the property of their respective owners.