

## 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

### Specifications

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



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