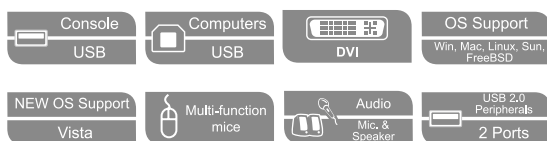# CS1784

4-Port USB 2.0 DVI KVMP Switch

The CS1784 DVI KVMP Switch charts a revolutionary new direction in KVM switch functionality by combining a 4-port KVM switch with a 2-port USB 2.0 hub at the same time as providing an interface for a DVI monitor and audio support.

ATEN ®
Simply Better Connections™

Dual Link DVI Compatible

Console USB	Computers USB	DVI	OS Support Win, Mac, Linux, Sun, FreeBSD
NEW OS Support Vista	Multi-function mice	Audio Mic. & Speaker	USB 2.0 Peripherals 2 Ports

*Supports high resolution monitors

Setup

3 Keyboard/Mouse Combinations

Easy access audio ports for IP phone/headphones + speakers

Easy access USB port for portable devices

Option 1
USB Keyboard + USB Mouse

LCD Monitor (DVI)

(Rear)

PC 4   PC 3   PC 2   PC 1

Printer

Option 2
PS/2 Keyboard + USB Mouse

USB Mouse

USB-to-PS/2 Converter

PS/2 Keyboard

Option 3
PS/2 Keyboard + PS/2 Mouse

USB-to-PS/2 Converter
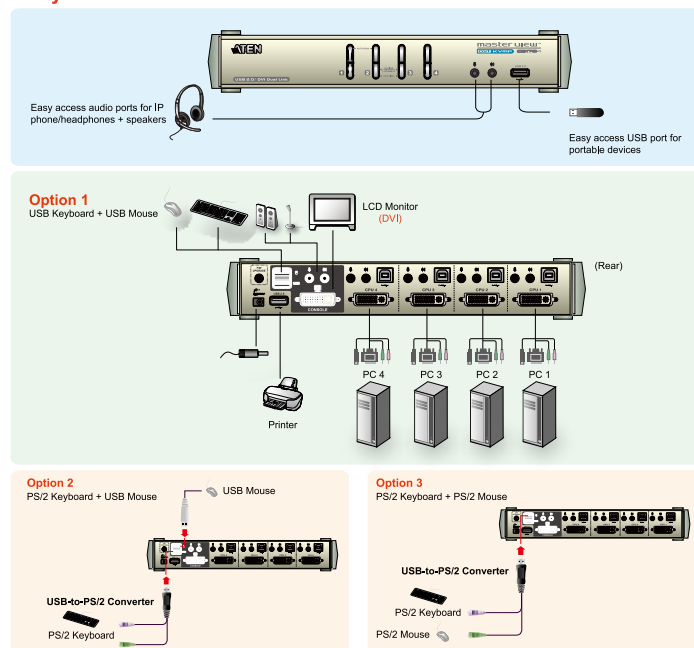
PS/2 Keyboard

PS/2 Mouse

Features

- One USB console controls four computers and two additional USB devices
- 2-port USB 2.0 hub built in
- USB 2.0 compliant
- Full bass response provides a rich experience for 2.1 channel surround sound systems
- Console audio ports on front panel for easy access – ideal for IP phone users
- Independent switching of KVM, USB, and Audio focus
- DVI digital and analog monitor support – fully compliant with the DVI specifications; also HDCP compliant
- Superior video quality – supports up to 2560 x 1600 (DVI Dual Link)*; 2048 x 1536; DDC2B (DVI-A)
- Supports widescreen resolutions
- Computer selection via front panel pushbuttons and hotkeys
- Multiplatform support – Windows 2000/XP/Vista, Linux, Mac, and Sun
- Console mouse port emulation / bypass feature supports full mouse driver and multifunction mice
- Display Emulation Technology- stores the console monitor's EDID(Extended Display Indentification Data) to optimize display resolution
- Complete keyboard emulation for error-free booting
- Sun/Mac keyboard support and emulation**
- Auto Scan Mode for monitoring all computers
- HDCP compliant
- Firmware upgradeable

*2560x1600@60Hz (DVI Dual Link);3840x2400@13Hz (DVI Single Link)only supports specific monitor resolution
**1. PC keyboard combinations emulate Sun/Mac keyboards
　　2. Sun/Mac keyboards only work with their own computers

Specifications

Function			CS1784
Computer Connections			4
Port Selection			Hotkey; Pushbutton
Connectors	Console Ports	Keyboard	1 x USB Type A Female (Black)
		Mouse	1 x USB Type A Female (Black)
		Video	1 x DVI-I Female (White)
		Speaker	2 x Mini Stereo Jack Female (Green)
		Microphone	2 x Mini Stereo Jack Female (Pink)
	Computer Connectors	Keyboard / Mouse	4 x USB Type B Female (White)
		Video	4 x DVI-I Female (White)
		Speaker	4 x Mini Stereo Jack Female (Green)
		Microphone	4 x Mini Stereo Jack Female (Pink)
	USB Hub		2 x USB Type A Female (White)
	F/W Upgrade		1 x 4-conductor 3.5mm Jack (Black)
	Power		1 x DC Jack
Switches	Port		4 x Pushbutton
LEDs	USB Link		4 (Green)
	On Line/Selected		4 (Orange)
Emulation	Keyboard/Mouse		USB
Video			DVI-D: 2560 x 1600 @60Hz(Dual Link) 1920 x 1200@60Hz(Single Link) 3840 x 2400 @13Hz(Single Link); DVI-A: 2048 x 1536; DDC2B
Scan Interval			1–99 secs. (5 secs. default)
Power Consumption			DC5.3V, 9W, 1.7A
Environment	Operation Temp.		0–50˚C
	Storage Temp.		-20–60˚C
	Humidity		0–80% RH, Non-condensing
Physical Properties	Housing		Metal
	Weight		0.94kg
	Dimensions (L x W x H)		27.00 x 8.70 x 5.50 cm

* The specifications and pictures are subject to change without notice.

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