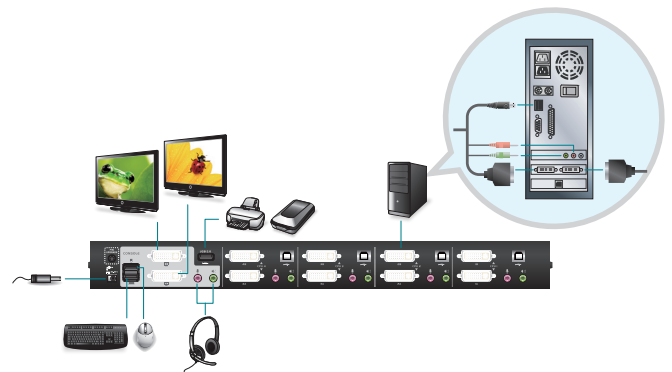# CS1644

ATEN®
Simply Better Connections™

USB 2.0 DVI Dual View KVMP™ Switch
Supports two high resolution Dual Link displays

The CS1644 USB 2.0 DVI Dual View KVMP™ Switch charts a revolutionary new direction in KVM (Keyboard, Video, Mouse) switch functionality by combining a 4-port KVM switch with a 2-port USB 2.0 hub at the same time as providing dual-screen support for two DVI displays , making it ideal for graphic designers, banking and finance consultants, medical applications, and gamers. The CS1644 also supports 2.1 channel surround sound to give a theater digital audio experience that enlivens video playback.

As a KVM switch, it allows users to access four computers with dual-screen support from a single USB keyboard, USB mouse, and dual-screen console. As a USB hub, it permits each computer to access any peripherals connected to the hub on a "one computer at a time" basis.

CubiQ™

Dual Link DVI Compatible

Setup

	Console		Computers	OS Support		USB 2.0 Peripherals		Audio
	USB		USB	Win, Mac, Linux, SUN, FreeBSD		2 Port		Mic. & Speaker

Dual View	VDS Video DynaSync	Multifunction mice	DVI

Features

- 4-port DVI Dual View KVMP switch with USB 2.0 support and 2.1 channel surround sound audio
- One dual-screen USB console controls four dual-screen computers and two additional USB devices
- 2-port USB 2.0 hub built in
- Fully compliant with the USB 2.0 specification
- Full bass response provides a rich experience for 2.1 channel surround sound systems
- 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 – 2560x1600 (DVI Dual Link); 1920x1200 (DVI Single Link)
- Supports widescreen resolutions
- Computer selection via front panel pushbuttons and hotkeys
- Multiplatform support – Windows 2000/XP/Vista, Linux, Mac, Sun, and FreeBSD
- Console mouse port emulation / bypass feature supports most mouse drivers and multifunction mice
- Video DynaSync™– stores the console monitors EDID (Extended Display Identification 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
- Firmware upgradable

Specifications

Function			CS1644
Computer Connections			4
Port Selection			Front Panel Pushbuttons; Hotkeys
Connectors	Console Ports	Keyboard	1 x USB Type A Female (White, rear panel)
		Video	2 x DVI-I Female (White)
		Mouse	1 x USB Type A Female (White, rear panel)
		Speakers	1 x Mini Stereo Jack Female (Green)
		Microphone	1 x Mini Stereo Jack Female (Pink)
	KVM Ports	Keyboard/ Mouse	4 x USB Type B Female (white)
		Video	8 x DVI-I Female (white)
		Speakers	4 x Mini Stereo Jack Female (Green)
		Microphone	4 x Mini Stereo Jack Female (Pink)
	F/W Upgrade		1 x 4-conductor 3.5 mm Jack
	Power		1 x DC Jack
	USB 2.0 Hub		2 x USB Type A Female (Black; 1 x front panel; 1 x rear panel)
Switches	Selected		5 x Pushbutton
LEDs	Mode		3 (1 Orange, 2 Green)
	KVM		4 (Orange)
	Audio		4 (Green)
	USB		4 (Green)
Emulation	KB / 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 5.3 V, 12.19 W
Environment	Operating Temp.		0–50ºC
	Storage Temp.		-20–60ºC
	Humidity		0–80% RH, Non-condensing
Physical Properties	Housing		Metal
	Weight		2.32 kg
	Dimensions (L x W x H)		43.24 x 15.41 x 4.40 cm

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