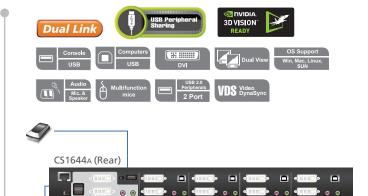# CS1642A/CS1644A

2/4-Port USB DVI Dual View KVMP™ Switch

The CS1642A/CS1644A 2/4-Port USB DVI Dual View KVMP™ Switch is a multi-application device that integrates a 2/4-port KVM switch with 2-port USB hub. The newest version now supports Quad-View functionality with two Dual View KVM Switches connected.

The new CS1642A/CS1644A features multi-view capabilities, which allow two switches to be daisy chained for a dual, triple, or quad-view display across multi-monitor installations. The CS1642A/CS1644A supports advanced nVidia 3D Vision ready 120Hz 3D displaying, allowing you to manage various 3D visual effects. It allows you to manipulate all connected computers from a single console to save resources and work space. It enables each computer to access connected peripherals on a one-computer-at-a-time basis, making it ideal for users who need delicate visual effects and multi-tasking on several computers. The CS1642A/CS1644A is perfect for graphic designers, banking and financial consultants, gamers and medical professionals- demanding a high quality switch that provides stunning color, clarity and functionality.

CS1644A (Rear)

Features

- One dual-screen USB console controls two/four dual-screen computers and two additional USB devices
- Multi-View Display – Easily connect two CS1642A/1644A's units for a second dual-screen setup controlled through a single connection
- Superior video quality – 2650x1600 at 60Hz (DVI Dual link); and 3D displays up to 1920x1200 at 120Hz (DVI Single link)
- Supports widescreen resolutions
- Independent switching of KVM, USB, and Audio focus
- DVI digital and analog monitor support – fully compliant with DVI specifications; and HDCP compliant
- Multiplatform support – Windows 2000/XP/Vista, Linux*, Mac, Sun, and FreeBSD
- Sun/Mac keyboard support and emulation**
- Video DynaSync, exclusive ATEN technology, to eliminate boot-up display problems and optimizes resolution when switching between ports

* Supports Linux Kernel 2.6 and higher. The CS1642A/CS1642A has a built-in USB 2.0 hub, so will not support PCs or OS that do not support USB 2.0.
** PC keyboard combinations emulate Mac keyboards.
** Mac keyboards only work with their own computers.

Specification

Function			CS1642A	CS1644A
Computer Connections			2	4
Port Selection			Front Panel, Pushbuttons, Hotkeys	
Connectors	Console Ports	Keyboard	1 x USB Type A F (White, rear panel)	
		Video	2 x DVI-I F (White)	
		Mouse	1 x USB Type A F (White, rear panel)	
		Speakers	1 x Mini Stereo Jack F (Green)	
		Microphone	1 x Mini Stereo Jack F (Pink)	
	KVM Ports	KB / Mouse	2 x USB Type B F (White)	4 x USB Type B F (White)
		Video	4 x DVI-F (White)	8 x DVI-I F (White)
		Speakers	2 x Mini Stereo Jack F (Green)	4 x Mini Stereo Jack F (Green)
		Microphone	2 x Mini Stereo Jack F (Pink)	4 x Mini Stereo Jack F (Pink)
	DCC port		1 x RJ-45 female connector (Rear panel)	
	Power		1 x DC Jack	
	USB 2.0 Hub		2 x USB Type A F (Black; 1 x front panel; 1 x rear panel)	
Switches	Selected		3 x Pushbutton	5 x Pushbutton
	DCC Mode		1 x Slide switch	1 x Slide switch
Emulation	KB / Mouse		USB	
Video			DVI Dual Link: 2560 x 1600 at 60Hz; 1920 x 1200 at 120Hz (3D Display)	
Scan Interval			1–99 secs. (5 secs. default)	
Power Consumption			DC 5.3V, 10.6W	DC 5.3 V, 12.19 W
Environment	Operating Temp.		0–50°C	
	Storage Temp.		-20–60°C	
	Humidity		0–80% RH, Non-condensing	
Physical Properties	Housing		Plastic, Metal	
	Weight		0.56 kg	2.32 kg
	Dimensions (L x W x H)		26.23 x 7.68 x 4.56 cm	43.24 x 15.41 x 4.40 cm