

# 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.

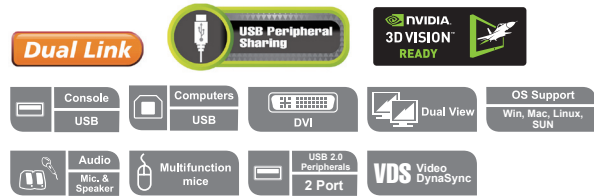
The new CS1642A/CS1644A features multi-view capabilities, which allow two switches to be daisy chained for a dual, triple, or quad-view display across multi-monitor installations. The CS1642A/CS1644A supports advanced nVidia 3D Vision ready 120Hz 3D displaying, allowing you to manage various 3D visual 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.



### 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 – 2560x1600 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	

