Simply Better Connections

CS1644A

4-Port USB DVI Dual Link Dual Display/Audio KVMP™ Switch - TAA Compliant

The CS1644A 4-Port USB DVI Dual View KVMP™ Switch is a multi-application device that integrates a 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 CS1644A features multi-view capabilities, which allow two switches to be daisy chained for a dual, triple, or quadview display across multi-monitor installations. The 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 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 – 2560 x 1600 at 60Hz (DVI Dual link); and 3D displays up to 1920 x 1200 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

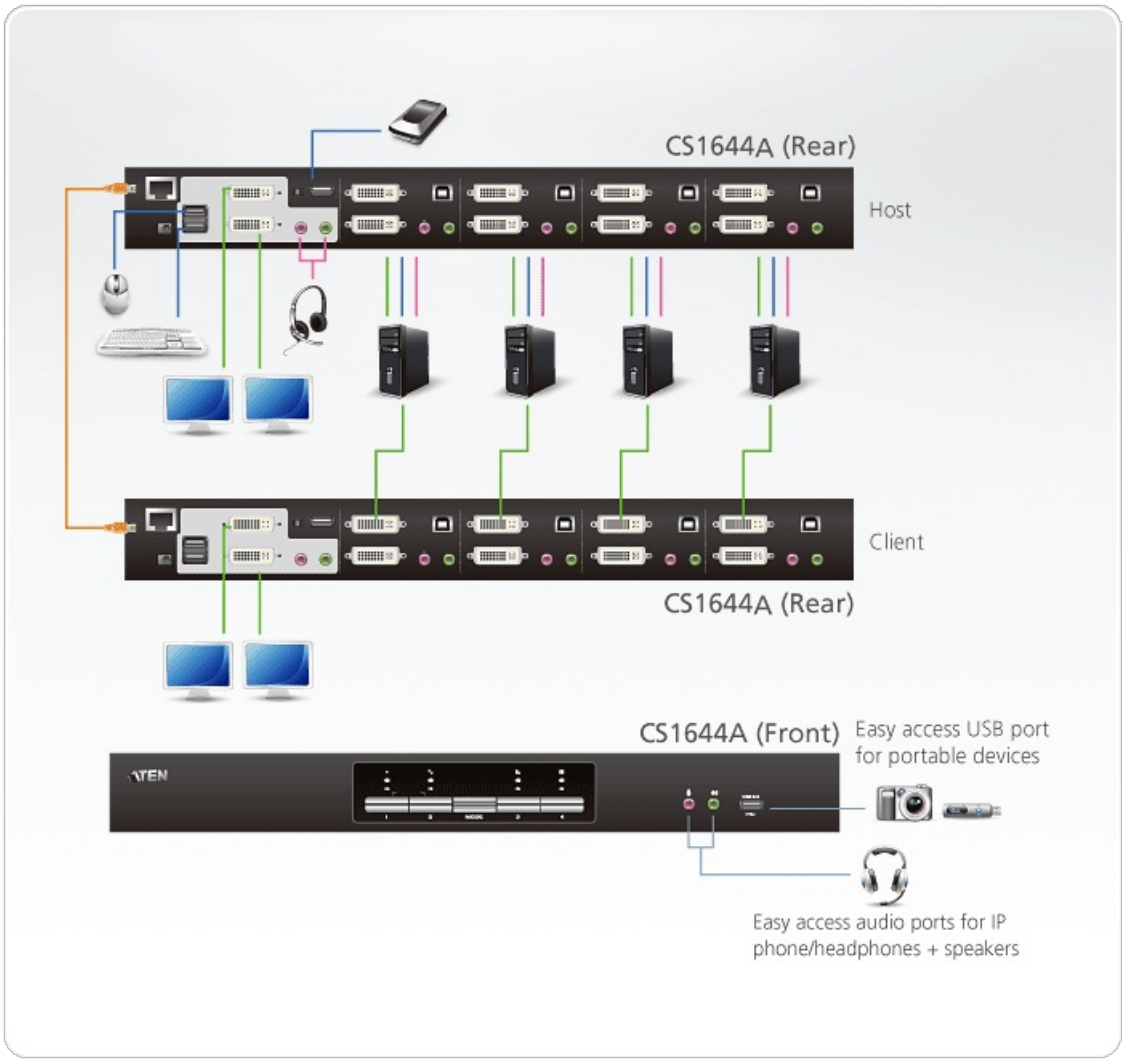
* Supports Linux Kernel 2.6 and higher. The CS1644A has a builtin USB 2.0 hub, so will not support PCs or OS that do not support USB 2.0.
** PC keyboard combinations emulate Mac keyboards.
** Mac keyboards only work with their own computers.

Specification

Computer Connections	4
Port Selection	Hotkey, Pushbutton, Mouse
Connectors	

Console Ports	2 x USB Type A Female (rear panel) 2 x DVI-I Female (White) 1 x 3.5mm Audio Jack Female (Green) 1 x 3.5mm Audio Jack Female (Pink)
KVM Ports	4 x USB Type B Female 8 x DVI-I Female (white) 4 x 3.5mm Audio Jack Female (Green) 4 x 3.5mm Audio Jack Female (Pink)
Daisy Chain Ports	1 x RJ-45 Female (rear panel)
Power	1 x DC Jack
USB Hub	2 x USB Type A Female (1 x front panel; 1 x rear panel)
LEDs	
KVM	4 (Orange)
Audio	4 (Green)
USB Link	4 (Green)
Switches	
Selected	5 x Pushbutton
Emulation	
Keyboard / Mouse	USB
Video	DVI Dual Link: 2560 x 1600 @ 60Hz; 3D Display: 1920 x 1200 @ 120Hz
Scan Interval	1-99 secconds (default: 5 secs.)
Power Consumption	DC5.3V:5.34W:51BTU
Environmental	
Operating Temperature	0–50°C
Storage Temperature	-20–60°C
Humidity	0-80% RH, Non-condensing
Physical Properties	
Housing	Plastic, Metal
Weight	2.32 kg (5.11 lb)
Dimensions (L x W x H)	43.72 x 15.98 x 4.40 cm (17.21 x 6.29 x 1.73 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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