

CS1642A

2-Port USB DVI Dual Link Dual Display/Audio KVMP™ Switch



The CS1642A 2-Port USB DVI Dual View KVMP[™] Switch is a multi-application device that integrates a 2-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 features multi-view capabilities, which allow two switches to be daisy chained for a dual, triple, or quadview display across multimonitor installations. The CS1642A 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 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
- · Power on detection if one computer is powered off, the CS1642A will automatically switch to the next powered-on computer
 - * Supports Linux Kernel 2.6 and higher. The CS1642A 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.

Specifications

Computer Connections	2
Port Selection	Hotkey, Pushbutton, Mouse



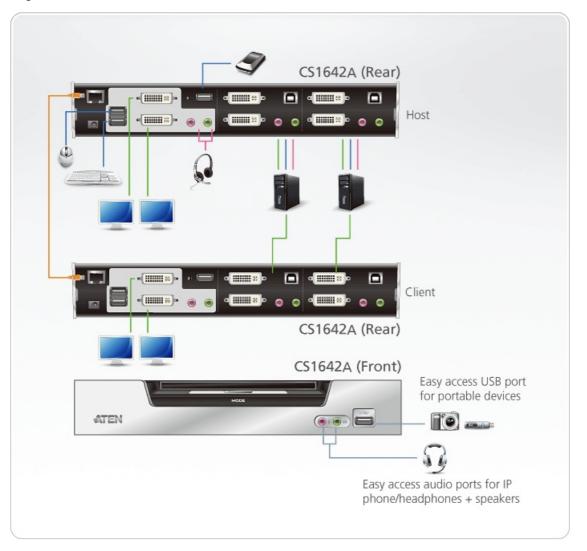
Connectors	
Console Ports	2 x USB Type A Female (rear panel) 2 x DVI-I Female (White) 1 x 3.5mm Audio Jack Female (Green) 1 x 3.5mm Audio Jack Female (Pink)
KVM Ports	2 x USB Type B Female 4 x DVI-I Female (white) 2 x 3.5mm Audio Jack Female (Green) 2 x 3.5mm Audio Jack Female (Pink)
Daisy Chain Ports	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	2 (Orange)
Audio	2 (Green)
USB Link	2 (Green)
Switches	
Selected	3 x Pushbutton
Emulation	
Keyboard / Mouse	USB
Video	DVI Dual Link: 2560 x 1600 @ 60Hz; 3D Display: 1920 x 1200 @ 120Hz
Scan Interval	1-99 seconds (default: 5 secs.)
Power Consumption	DC5.3V:3.77W:43BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	<u>.</u>
Operating Temperature	0–50°C
Storage Temperature	-20-60°C
Humidity	0-80% RH, Non-condensing
Physical Properties	
Housing	Plastic, Metal
Weight	0.56 kg(1.23 lb)
Dimensions (L x W x H)	26.23 x 7.68 x 4.40 cm (10.33 x 3.02 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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