

CS1644A

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



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 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.

Specifications

| | |
|----------------------|---------------------------|
| 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 seconds (default: 5 secs.) |
| Power Consumption | DC5.3V:5.34W:51BTU/h Note: <ul style="list-style-type: none"> ● 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 | |
| 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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