

## CS1642

2-Port USB 2.0 DVI Dual View KVMP™ Switch



The CS1642 USB 2.0 DVI Dual View KVMP™ Switch charts a revolutionary new direction in KVM (Keyboard, Video, Mouse) switch functionality by combining a 2-port KVM switch with a 2-port USB 2.0 hub at the same time as providing dual-screen support for two DVI displays, making it ideal for graphic designers, banking and finance consultants, medical applications, and gamers.

Moreover it carries advanced features, such as [nVidia 3D Vision ready](#) 120Hz 3D display support, gaming keyboard compatibility and port selection/switching using a mouse, aimed at giving you flexibility, convenience and enjoyment.

As a KVM switch, it allows users to access two computers with dual-screen support from a single USB keyboard, USB mouse, and dual-screen console. As a USB hub, it permits each computer to access any peripherals connected to the hub on a "one computer at a time" basis.



### Features

- 2-port DVI Dual View KVMP switch with USB 2.0 support and 2.1 channel surround sound audio
- [One dual-screen USB console controls two dual-screen computers and two additional USB devices](#)
- 2-port USB 2.0 hub built in
- Fully compliant with the USB 2.0 specification
- Full bass response provides a rich experience for 2.1 channel surround sound systems
- Independent switching of KVM, USB, and Audio focus
- [DVI digital and analog monitor support - fully compliant with the DVI specifications; also HDCP compliant](#)
- [Superior video quality: 1920 x 1200 @ 60Hz \(Single Link\); 2560 x 1600 @ 60Hz \(Dual Link\)](#)
- [nVidia 3D Vision Ready: Works with 120Hz LCD monitors and active shutter glasses to create a 3D environment with maximum resolution of up to 1920 x 1080](#)
- [Supports widescreen resolutions](#)
- Computer selection via front panel pushbuttons and hotkeys
- Multiplatform support – Windows, Linux, Mac, Sun
- Console mouse port emulation / bypass feature supports most mouse drivers and multifunction mice
- [Video DynaSync™ - Exclusive ATEN technology eliminates boot-up display problems and optimizes resolution when switching between ports](#)
- Complete keyboard emulation for error-free booting
- Sun/Mac keyboard support and emulation\*
- Auto Scan Mode for monitoring all computers
- Firmware upgradable

\*1. PC keyboard combinations emulate Mac keyboards  
2. Mac keyboards only work with their own computers

## Diagram



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